

EnTech



VISITORS GUIDE

The 1996 Entertainment Technology
Trade Show and Conference.

SYDNEY EXHIBITION CENTRE
DARLING HARBOUR APRIL 23 - 25, 1996.

Proudly Presented by Connections Magazine

ETC

SEE US AT
ENTECH
25th
Anniversary
STAND L23

Electronic Theatre Controls

Obsession ML

Obsession – the result of 30 years of lighting control console evolution. Power. Elegance. Precision control for the lighting artist.

Now ETC takes the next evolutionary step – Obsession ML. Obsession ML seamlessly integrates traditional and moving light control. No more awkward, complicated moving light consoles.

- Control up to 500 fixtures
- Ergonomic controls including trackpad, VGA touch screen LCD display and six multi-function attribute encoders
- Built-in support for moving lights and colour scrollers including Vari*Lite™, Clay Paky™, Martin™, Coemar™, Wybron™ and High End Systems™
- Custom fixture personalities
- Gobo, colour and position libraries
- 16 bit accuracy

Choose the theater console that speaks the language of moving lights. Obsession ML.

JANDS

Jands Electronics Pty Ltd ACN 001 187 837
578 Princes Highway St Peters NSW 2044
Phone: (02) 516 3622 Fax: (02) 517 1045



VS-880

DIGITAL STUDIO WORKSTATION

How much?
For Digital?

64 Tracks

SCSI

Digital Mixer incorporating 14 input channels, digital EQ, 2 stereo busses and 8 recording busses.

Having a digital studio in your home has been the dream of many musicians for years. Now Roland has fulfilled that dream with the VS-880 Digital Studio Workstation.



MIDI
SCSI Storage
Digital I/O

Analogue & Digital Inputs

64 TRACKS (8 tracks x 8 virtual tracks) of 16 Bit CD quality 44.1kHz direct to disk recording technology with full digital mixing capability, automation, optional built-in digital FX processing, storage to either internal IDE or external SCSI drive and back-up to DAT in only 1.5 times actual recording time.

All fader movements, pan and mixer parameters can be controlled and automated by MIDI.

All for just... **\$3995**

Comprehensive cut, copy, paste, exchange, insert, erase and scrub preview for fast non-destructive editing.

Data Stream...

8 Physical Tracks x 8 Virtual Tracks (Total 64 tracks). Sample Rates of 48kHz, 44.1kHz and 32kHz. R-DAC A/D 16 bit Bit Stream D/A 16 Bit 8 times oversampling. Typical recording time is 356 minutes (all 8 tracks) on a 540MB HD at 44.1kHz (Non-destructive).

Digital Mixer with 14 channels, 2 AUX, 2 Master, 8 Recording Buss, 2-point digital EQ (High + Low) or 3 point digital EQ configuration with only 3 channels, 4 Analogue and 4 Digital inputs (SPDIF). 2 Analogue outputs, 1 Digital Output, 24 bit internal processing (EQ, Fader, etc.).

Internal IDE interface for 2.5inch HD as well as SCSI I/O for external recording or storage to MO, Iomega Zip or Syquest drives. Back-Up to audio DAT in only 1.5 times actual recording time. Full synchronisation to MIDI Time Code and MIDI Machine Control as either Master or Slave.

Optional Effects Expansion Board (E349) incorporating 100 patches of Stereo Compression/Limiter, Reverb, Delay, Chorus, Pitch Shifter, RSS 3D, Vocoder, Rotary, Gated Reverb, Multi Tap Delay, etc... (20 different algorithms in total).

Large music friendly transport controls including locator, marker and tempo map options

For further information on the Roland VS-880 DIGITAL STUDIO WORKSTATION contact: Roland Corporation Australia 38 Campbell Avenue, Dee Why 2093 Telephone: 02-9982-8266

Roland

VOCAL



SHURE
BETA 58A

Just what is it that makes Beta microphones the world's most respected for live performance?

Ask a professional performer and you'll hear about Beta's remarkable response to vocals and instruments. While an engineer will talk about their tight, uniform supercardioid pick-up patterns which allow exceptional gain-before-feedback. And how Beta's technical precision turns every live performance into a studio-quality sound experience.

INSTRUMENT/
VOCAL



SHURE
BETA 57A

VOCAL



SHURE
BETA 87

IS IT ART OR ENGINEERING?

The Premium Performance Shure Beta Microphone Family

If you're miking an entire stage, you'll want the full Shure Beta Line. It includes the improved Beta 57A and 58A with smoother

INSTRUMENT



SHURE
BETA 52

response and lower handling noise. The premier Beta 87 brings accuracy and detail to vocals. And to drive it all home, complete your stage with the exciting new Beta 52 for your kick drum and the unique Beta 56 for drums and other instruments.

Is it art or engineering? With Shure Beta, it's one and the same.

KICK DRUM



SHURE
BETA 52

SHURE[®]

THE SOUND OF PROFESSIONALS...WORLDWIDE[®]

SEE US AT
ENTECH
25th
JANDS
Anniversary
STAND L23

Jands Electronics Pty Ltd ACN 001 187 837
578 Princes Highway St Peters NSW 2044
Phone: 02 516 3622 Fax: 02 517 1045

WELCOME TO ENTECH

Y

ou are here to peruse and caress the **latest in technology**, learn at various seminars and/or the conference, and to network. Networking is an underestimated but highly valuable resource, ENTECH makes for great networking.



You have chosen to visit ENTECH, and for this we thank you. 'We at Connections endeavour to produce an international standard magazine and exhibition, but it takes more than a good promoter to produce a world class exhibition, exhibitor enthusiasm is crucial to this event.

Exhibitors have struggled to produce **international standard displays** for you, in recognition of an ever growing market. In light of rapidly evolving technologies, exhibitors vie to communicate the attributes of their wares, to the product purchaser and user.



Luckily for ENTECH visitors, overseas exhibitors see Australia as a growing market place and a familiar English speaking door into Asia. This is evident in the swollen number of international exhibitors at ENTECH '96.

This is not to undermine the efforts of Australian manufacturers and exporters who tour the world and witness the result of personal contact at a trade show. The manufacturing community both local and overseas know full well, we as ENTECH promoters do all within our power to lure potential foreign buyers to this exhibition.



Our local national distributors, equally well travelled, take the opportunity to display their wares in a style, equal to that you would find at any exhibition, anywhere in the world. This year too, you will find a remarkable number of **overseas technical teams** here at ENTECH to support their local distributors. Take the opportunity to talk directly to the designers and manufacturers.

Since the first one hall ENTECH Exhibition in 1994, also held at the Sydney Darling Harbour Exhibition Centre, the exhibition has grown to two halls. As well as **over 110 exhibitors**, these halls contain both education and social activities, not to mention the what we hope is the exclusive "ENTECH Vibe"!

In the rear of Hall 4, you will find an Interactive Zone containing both Lighting and Studio Monitor Shootout's. Take the opportunity to compare and appraise the products. In this zone you will also find the Internet AV experience, where Greg Weaver is running a multiscreen projection of various entertainment sites. To the rear of Hall 4 are the ENTECH Theatres which will house the 20 well constructed seminars.

Hall 5 also contains **social areas for networking**. After ENTECH '94 we surveyed hundreds of visitors. The overwhelming comment, was the need for somewhere to sit, relax and converse with your peers. So now you have it. When you are tired, hungry, thirsty or just want to sit and chat, be our guests. We are here to please.

Provided in this guide you will find Exhibitor Profiles in alphabetical order and an easy to use Floor plan. The floor plan also outlines access doors to the **Interactive Zone** and the location of Social Areas. If you are unsure of the distributor of a certain product, go to the Connections Stand; Number AA15; where you will find a Brands-on-Stands reference board.

For us at Connections Publishing, ENTECH is a living, breathing entity that is the result of an amazing orgy of conceptions and a year-long gestation period.

We hope you enjoy the exhibits, and ENTECH as an event. Welcome and thank you!

Caroline Grafton,
ENTECH Director.

ENTECH is
Entertainment
Technology.

Audio Visual
Pro Audio
Stage Lighting
Studio
Contracting
Recording
Theatre
Venue
Club
Touring
Architectural
Rigging
Facilities
Film
Broadcast
Events
Conferences
Video
Staging
....and more!

1996 CONFERENCE
Monday April 22nd.

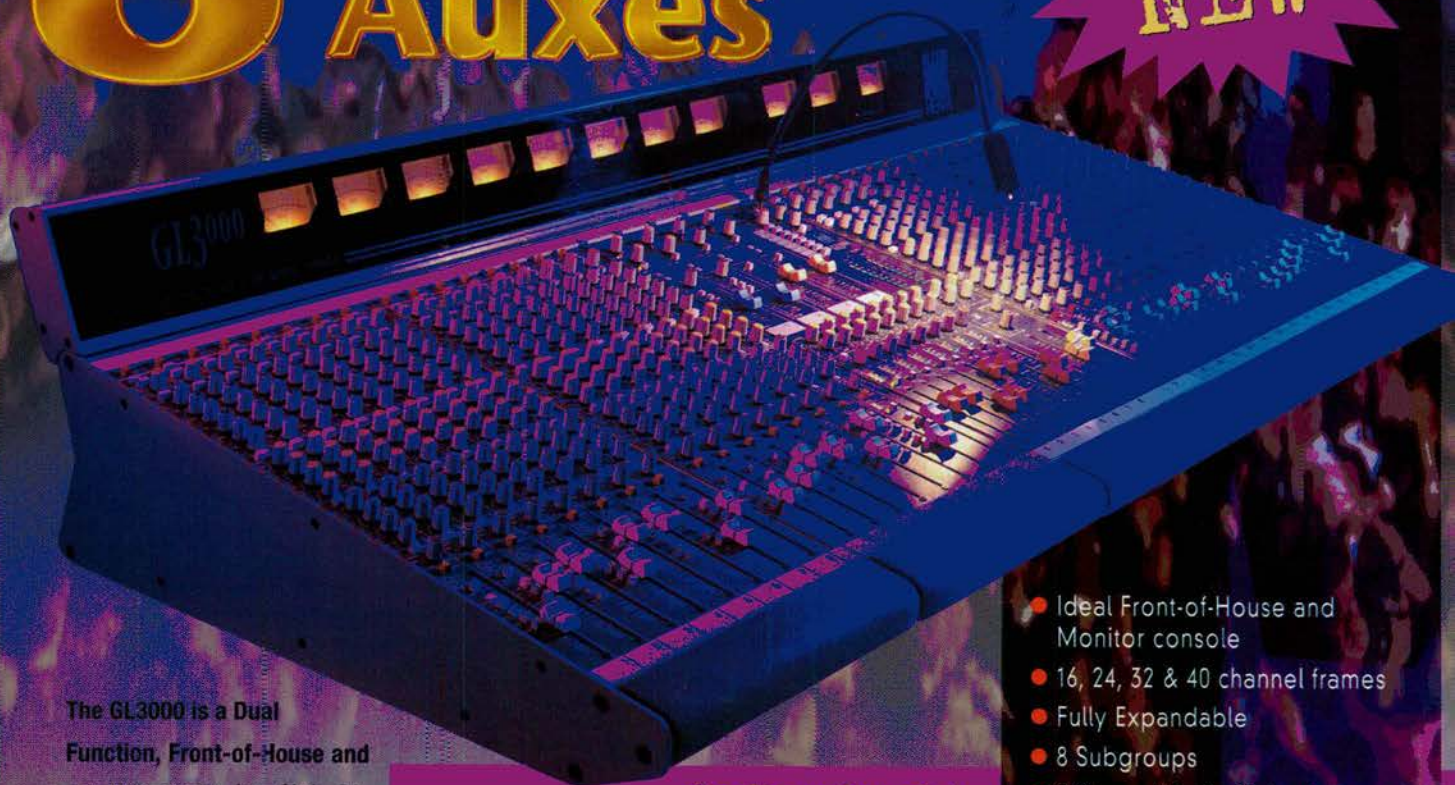
TRADE SHOW
Tuesday April 23,
Wednesday April 24,
Thursday April 25.
10am - 6pm daily
Free Entry after
walk-up registration.
Sydney Exhibition
Centre, halls 4 & 5,
Darling Harbour.

AWARDS DINNER
Wednesday April 24,
Metro Theatre, George
Street, Sydney.

• ENTECH is an activity of Connections Publishing Pty Ltd (ACN 058443182),
PO Box 439, Epping NSW, 2121, Australia. Call +61-2 876-3530, Fax +61-2 876-5715.

8 Groups Auxes

NEW



The GL3000 is a Dual Function, Front-of-House and Monitor mixer for Club PA, Band PA and Hire Companies alike. It boasts an exceptional feature set - typical of all Allen & Heath consoles.

Because the GL3000 has 8 Groups and 8 Aux busses; on one night the console can be a stand alone 8-2 mix monitor board, another night a single engineer can mix any number of bands for a showcase performance. It is that easy with the GL3000 because everything you need is in front of you.

The flexibility goes even further. The console can be expanded in two ways;

...for the price of 4
without cutting our features in half!

either bolt on another mono or stereo expander module (installation takes minutes), or install the unique SYS-LINK™ buss interconnect system which links independent consoles together as if they were one.

Add this flexibility to the superb quality of the audio performance, the visual clarity of the control surface, the solid metal beam construction and you will know that only Allen & Heath could have achieved such versatility.

- Ideal Front-of-House and Monitor console
- 16, 24, 32 & 40 channel frames
- Fully Expandable
- 8 Subgroups
- 2 Stereo Matrix Outputs
- 4 Stereo Dual Mic inputs*
- 4 band mid sweep EQ plus switchable lo-cut filter
- 8 Aux sends
- 2 Stereo Returns
- 2-track record and replay
- Extensive metering and monitoring capability
- Optional VU Meterbridge*

*Except on the 16 channel GL3000

GL3000

Looking at how engineers produce their shows requires an unusual understanding of the business. Everybody wants to work in a slightly different way.

Bringing together all the different dreams and wishes is now a hallmark of the Allen & Heath approach.

The GL3000 represents our commitment to finding cost effective solutions for your requirements.



A.R. Audio Engineering Pty Ltd
558 Darling Street BALMAIN NSW 2041 Telephone: (02) 810 5300 Facsimile: (02) 810 5355

ALLEN
&
HEATH

UK SALES OFFICE:
HARMAN AUDIO
0181 207 5050



INVESTOR IN PEOPLE

Travel & Hotels

ENTECH TRAVEL reservations are managed by **Stage & Screen Travel**. They have special QANTAS domestic fares to ENTECH, and special room rates at selected hotels. Call Stage & Screen travel in Sydney (02) 237-2916 or Melbourne (03) 9682-6166. To contact friends at an ENTECH hotel, use this list:

IBIS, Darling Harbour

70 Murray St, Pyrmont
Phone 563 0888 Fax 563 0899

Novotel, Darling Harbour

100 Murray St, Pyrmont
Phone 9934 0000 Fax 9934 0099

Nikko, Darling Harbour

161 Sussex street
Phone 299 1231 Fax 299 3340

Park Royal Plaza

203 Victoria St, Potts Point
Phone 368 4000 Fax 267 4119

Grantham Lodge Apartments

1 Grantham St, Potts Point
Phone 357 2377 Fax 358 1135

Waldorf Apartments Studio

57 Liverpool St, Sydney
Phone 261 5355 Fax 2613753

Free Trade Entry

Simple. We have over 110 exhibitors who have assembled extensive technology displays. They expect as many genuine trade visitors as possible. If you work in the industry you just walk up, fill in a simple registration card, and then you are a welcome trade visitor. You walk free through the exhibition, and the interactive AV zone. Seminar tickets are \$10 each, or an unlimited seminar pass costs \$95.

STUDENTS

We welcome Students with a genuine interest in any of the technologies on display.

School Groups: please call (02) 876-3530 to arrange first.

CHILDREN are only admitted under the direct care of a visiting trade adult. Any lost or unsupervised children will be taken to, and held at, the Exhibition Manager's office at the Registration Area. *The organisers reserve the right to refuse admittance.*

Tickets and Passes

The REGISTRATION counter outside Hall 5 issues walk-up trade visitor passes.

SEMINAR, CONFERENCE, AWARDS DINNER and TECHNICAL TOUR TICKETS are all available at the **CONNECTIONS** stand, inside the exhibition.

You must wear your pass at all times you are inside ENTECH.

PRESS OFFICE

All visiting international and local media are **welcome to utilise the Press Office**, located inside Hall 4 near the front. Inside you'll find space, coffee & tea. Even though ENTECH is promoted by Connections Magazine, all other local media are very welcome. Connections doesn't play silly games, we **welcome** media participation. So come along, see the show, gather the media kits- & enjoy!

Promoter Info

ENTECH is wholly owned and operated by Connections Publishing Pty Ltd (ACN058443182), PO Box 439, Epping NSW, 2121, Australia. Call +61-2 876-3530, Fax +61-2 876-5715, or email julius@conpub.com.au.

CONNECTIONS is Australia's Entertainment & Technology magazine, published monthly (10 times yearly).

ENTECH is produced with the assistance of the following organisations:

Japan Agent: Roy Planning Office, call +81 429 42-0552.

Exhibition Management: Rob Walker & Associates.

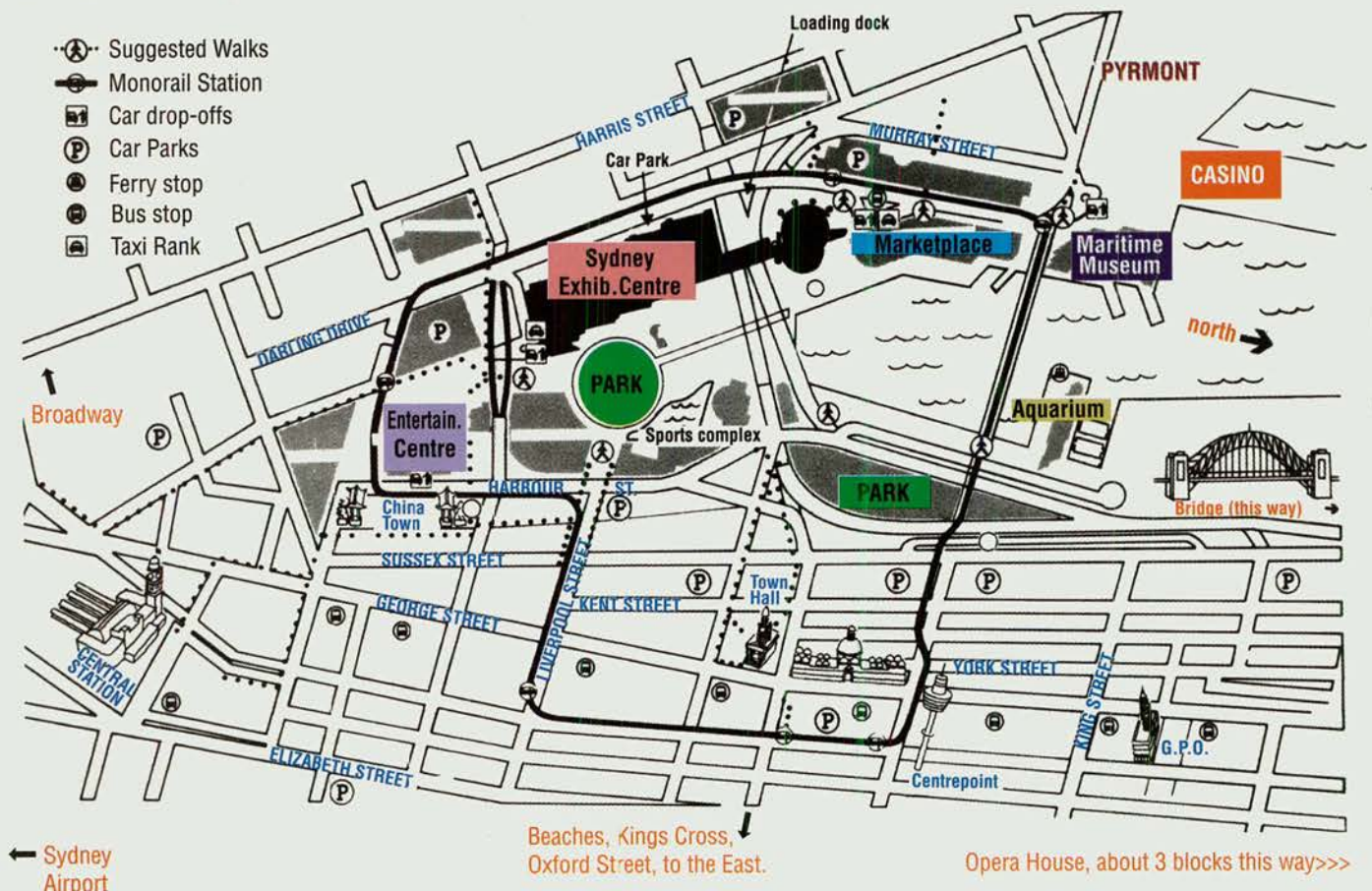
Registration/data: Info Salons.

Audio Visual Consultant: AVS Presentations (Kevin Hammond).

Internet Consultant: Personal Internet Services (Greg Weaver).

and with thanks to PLASA, the UK Dept. of Trade, and Richard Harper at the UK Consulate.

Sydney exhibition CENTRE



SEE US ON STAND W30

**AS YOU READ
THIS AD SOMEONE,
SOMEWHERE IS
BUYING A GEMINI.**



PS 526 Mixer



PMX15A Mixer



DS 2024 Sampler



XG 2000



Raven



FG 5000E Smcke Machine



XL 1800 Q IV Turntable



CD-9500
CD Player



PS 727 Mixer



PS 924 Mixer



RM 700 Wireless Mic

**...AND, THEY
HAVEN'T EVEN
SEEN THIS AD YET.**

...And they're buying them for a lot of good reasons.

Like the peace-of-mind from knowing they're going with the number one name in DJ sound equipment.

Of course, peace-of-mind is nothing without performance. Which is why we have a full line of products with every conceivable feature - everything you need to do the kind of gig you want.

Combine that with the fact that this world class performance doesn't come with a world class price tag and you have a lot of good reasons to make your next buy a Gemini.

...So what are you waiting for?



Lytequest Spider



Renegade



Corporate Headquarters:
Gemini Lytequest Australia

Distributor: Disco World pty, ltd.

20 Cave Hill Road (PO Box 344) Lilydale Vic 3140
Phone: (03) 9735 0588 Fax: (03) 9739 5441



LQ-750E Strobe



MB 680 Speaker

THE ENTECH AWARDS DINNER



Wednesday April 24th, 8pm
Metro Theatre; George Street Sydney

Join us as we recognise Technical Brilliance at the only truly representative national Awards for our industry. PRODUCTS and PEOPLE are awarded the highest accolade on this night. A delightful 3 course meal and top Australian entertainment are featured. Held at the Metro, right in the heart of the Entertainment precinct and within walking distance of all ENTECH hotels, the Awards dinner is great value!

• **Cost:** *\$65 with dinner, or view only: *\$18. *All ticket prices include welcome drink.

BOOKINGS: Call 1-800-635-514 OR visit the Connections Stand, front of Hall 4.



Compered by
Vince Sorrenti

Awards produced
by: Brian Kirby.
Returning officer:
Bruce Rowland.



Featuring Doug
Williams & Band

Dinner Menu

To start: Kumera and leek soup with tomato and coriander salsa with creme fraiche or Caesar Salad.

Main Event: Lamb Fillet with grilled tomato and chickpea harissa, or Soy and honey marinated chicken fillet, served on a bed of Hokkein noodles and bok choy. Served with steamed vegetables or salad, dinner roll.

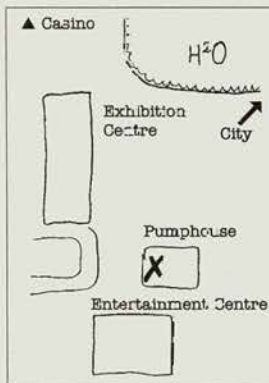
Vegetarian or Fish alternative available if nominated well in advance. Please advise when booking your ticket!

To finish you off! Chocolate mud cake with strawberry coulis & King Island cream, or Sticky date pudding with caramel sauce. Coffee and Mints. Good company!



Awards promoted by Connections Magazine and proudly sponsored by **STAGE & SCREEN TRAVEL**

FIRST DAY OF ENTECH RECEPTION/DRINKS



Tuesday April 23rd, 6pm
Upstairs, Pumphouse, Darling Harbour.

Join all for a social drink after the first day of ENTECH. Gather at the Pumphouse and join in an informal gathering. To find the Pumphouse, just turn RIGHT after you exit the Exhibition Centre. Walk towards the Sydney Entertainment Centre. You will see some really psycho neon statue things. The Pumphouse is just there, it is BEFORE the Entertainment Centre. The simple kind-of map at left may help you find it! If you steer away from the water and head south it's easy! Free entry, but buy your own drinks. Includes entertainment if we can organise something in time.....



Connections Shop

Books . TShirts . Audio CDs . Videos . Subscriptions

HOT SHOW DEALS! Visit our stand, hall 4 front

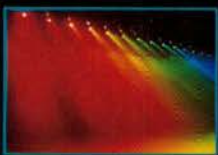
YOU MAY THINK YOU'RE READY TO PARTY BUT...

Brilliant Effects

Proven Crowd Pleasers

Superior Engineering

Rugged Construction



The **CYBERLIGHT® CX** automated luminaire offers many of the most powerful features of the award-winning Cyberlight®, but in a value-priced package. Many possibilities, not many bucks.



The **INTELLABEAM®** automated luminaire is the industry standard intelligent lighting fixture, containing the performance and features required by the most professional applications.



The **TRACKSPOT®** automated luminaire is the high performance, low cost choice in intelligent lighting. It is economical to operate and features on-board intelligent sequencing capabilities.



The world's most advanced strobe, the new **DATAFLASH® AF1000** xenon strobe fixture is brilliance beyond imagination. AF1000 is fully DMX-compatible and features four operational modes including architectural and special effects.



The **EMULATOR®** laser simulator combines a powerful, concentrated beam with high speed laser scanning to create dazzling laser-like effects without the associated complications of a true laser.



The **F-100™** performance fog generator is an environmentally safe machine for extremely high output and performance. Choose from 3 versions of **Atmospheres®** fog generating liquid from enhancement haze to rich, cloud-like effects.



The **COLOR PRO®** color changing fixture uses rich dichroic color to produce spectacular color changes, cross fades, sequencing, dimming, and many other programmable effects.

have you checked your list?!

night
Club
Approved

BAR
Approved



distributed by:
GREATER UNION VILLAGE TECHNOLOGY
82 Arthur Street
Fortitude Valley QLD 4006
Tel: 07.358.5022
Fax: 07.358.4969



See It All at ENTECH Stand No. L28

"MEET ME IN THE BAR!"

We promised **EXTRA SPACE to network**, well now we deliver. We have created a **BAR/LOUNGE up above Hall 5**. This nice glasshouse is now the ENTECH BAR area. Open from 12 daily, you can enjoy a beverage, or a coffee or tea up there. ALSO we have a special roped off zone for our **EXHIBITORS** and for our **VIP SUBSCRIBERS!** So now arrange to meet your networking associates 'UP in the bar!'

• You can also eat and imbibe at the CAFE at the rear of Hall 5, where we have an **expanded seating area**.

Sydney Opera House Technical Tours

Visit the icon and go backstage on our Technical Tours. The cost is \$25, which includes transport to and from The House.

Tour 1: Tuesday April 23. 2.00pm.

Tour 2: Wednesday April 24. 10.00am. Escorted on a bus by Amanda Garland, approx. duration round trip 2 hours.

• **To Book please call 1-800-635-514 or fax (02) 876-5715.** Or book at ENTECH, visit our box office at the CONNECTIONS STAND near the front of Hall 4.

Amanda's club crawl has been cancelled, not enough good clubs were keen on this. We can't think why

Neil Diamond SHOW and TECHNICAL Tour

Tuesday April 23. This tour has extremely high technical values. Sound engineer **Stanley R. Miller**, and Lighting Designer **Marilyn Lowey** will host a technical tour. At time of publication we had just 20 combined tour and show tickets left. These can be booked for \$72.00. Please note: the show is at 8.00pm. We do not yet know exactly WHEN the Technical Tour will be held, due to touring company schedules being unfinalised.

• **To Book please call 1-800-635-514 or fax (02) 876-5715.** Or book at ENTECH, visit our box office at the CONNECTIONS STAND near the front of Hall 4. But be quick for this one, it's hot!

EXHIBITORS EVENTS AND NOTICES

These events are organised by ENTECH EXHIBITORS

LSC Electronics present lighting Seminars

These product seminars will be held in the Sydney Convention Centre, Skyline Room. A refundable \$10 holding deposit is required when booking. Call LSC on (03) 9561-5255 or visit their stand at ENTECH.

Knowing your Axiom intimately

Hands on tuition and moving light control.

- Tuesday April 23, 3.00pm.
- Wednesday April 24, 10.30am.

Truss'r'us

Adrian Brooks from Lightstructures UK details versatile trussing and CAD.

- Wednesday April 24, 1.30pm.

Distributed DMX 512

Gary Pritchard runs through the latest developments, showing more advantages than conventional looping.

- Wednesday April 24, 3.00pm.

Post Awards Party!

Show Technology invite all ENTECH AWARDS DINNER lucky sods to come to RIVA Nightclub afterwards. You'll get an invitation/ticket at the Awards, then get yourself to RIVA at the Sheraton on the Park, in Castlereigh street. (Just 2 blocks away). Thanks to Show Technology!

Yamaha invite you to Trackdown Studio, to see the O2R at work

Trackdown Studio and Yamaha Music Australia are inviting YOU to attend an open night at Trackdown Studio to take a look inside one of Australia's most successful digital recording studios. Simon Leadley and the Trackdown team will demonstrate how their two Yamaha O2R Digital Recording Consoles are being used for music production/video post production.

The Yamaha/Trackdown studio open night will be held on Tuesday April 23. You must BOOK in advance by calling Julie at Yamaha on (03) 9699-2388.

Martin Extravaganza

Show Technology will be holding a Martin moving light extravaganza at their Rydalmere Showroom. Travel up the harbour on a scarub, arrive for a drink and see the latest from Martin. Visit Stand X11 at ENTECH to book yourself on the trip up the river! (and return!)

System Sound

Will present the LCS level control system as a working model, up in the DEMO ROOM above Hall 4. For times and details, visit stand X17 in Hall 4.

Meyer Sound Laboratories Inc

Will conduct loudspeaker demonstrations up in the DEMO ROOM above Hall 4. For times and further information, visit their stand, number X15 in Hall 4.

Beyond The Darkside

The Pink Floyd show, 'Beyond The Darkside', will run each night at the Riverside Theatre in Parramatta. The show boasts over 100 Martin moving lights. For free tickets and other information visit the Martin stand, X11.

.... and more!

ENTECH Exhibitors are enthusiastic. They have undertaken to present properly staffed (and wherever possible) working displays. They have various other events under planning at the time this guide was published (March 14th).

ENTECH 1997 IS IN MELBOURNE NEXT APRIL!

DAILY PLANNER

Official Events. see also Exhibitor events on previous page

Time	Monday April 22nd	Tuesday April 23rd	Wednesday April 24th	Thursday April 25th
09.00	Conference Registration at Sydney Opera House	Trade Show Registration	Trade Show Registration Exporters Meeting	Trade Show Registration
09.30	Conference Commences			
10.00		Trade Show opens	Trade Show opens Opera House Tour	Trade Show opens
10.30		Seminar: Rigging	Seminar: Business	SPECIAL EVENTS FOR FINAL DAY INCLUDE THE RECORDING EXPO AND THE TECHNICIANS AUST DJ MIXING GRAND FINAL <i>As this is the ANZAC DAY HOLIDAY we ask you to please pause and reflect on our Freedom & Good Fortune.</i> Trade Show Concludes Thank you for your support, see you in Melbourne next April?
10.45		Seminar: Digital Audio	Seminar: PA Supersession	
12.00		Seminar: Meet The LDs	Seminar: UV FX	
12.15		Seminar: Mic Techniques	Seminar: Mastering	
1.30pm		Seminar: Lighting Control	Seminar: Luminaire Design	
1.45pm		Seminar: Video Technologies	Seminar: Studio Monitors	
3.00pm		Seminar: Mech's & Motors	Seminar: Smoke	
3.15pm		Seminar: Video Interfacing	Seminar: Digital Rec. Levels	
4.30pm			Seminar: Lighting Convergence	
4.45pm	Conference concludes	Seminar: Slides vs. Data	Seminar: Gain Before Feedback	
6.00pm		Trade Show Close	Trade Show Close	
6.00pm		Reception: Pumphouse		
7.30pm			Entech Awards, Drinks	
8.00pm		Neil Diamond Show	Entech Awards Dinner	
8.30pm	Have an early night!?			

EXPORTER MEETING

Australian exhibitors at ENTECH 1996 report increased export activity, with a record number actively involved in Export. Responding to requests, we are hosting a meeting where current and aspiring exporters can discuss issues. The meeting

will be held at 9.00am on Wednesday April 24th, in the DEMO ROOM above Hall 4. Please present yourself at the trade show entrance just prior to 9am for escorted entry to the meeting.

- **Open to all**, you do NOT need to be an

ENTECH exhibitor, you may be interested in the issue, you may be contemplating export markets, or you may already be exporting. The meeting will be chaired by Colin Park of ARX. There is no cost to attend.

INKEL PA

Korea's No. 1 Pro Audio Manufacturer for more than a decade.

Re-Union

RE-2482 STUDIO CONSOLE

Features include:

- 24 ch. inputs • Direct out per input ch.
- 8 aux. mixing buss sends on each ch., each with it's own pre/post switch • 8 aux. returns by stereo
- 8 group mixing busses, each with it's own Master Fader, On/Off & PFL switch, stereo bus & rear panel XLR outputs.
- Balanced differential XLR & bal. line 1/4" phono jack inputs
- Electronically bal. XLR outputs (Stereo L/R, Mono)
- 44dB gain control per input ch.

✓ **\$8,700rrp**



See the Inkel Range at ENTECH Stand No. AA05

MAGNA SYSTEMS distribute a wide range of INKEL Contracting and PA Audio Products.



For more information on the INKEL range of products, contact your nearest INKEL dealer or phone:

MAGNA SYSTEMS AND ENGINEERING

Australia:
Magna Systems & Engineering
A trading division of Silklore P/L. ACN 004 004 997
7 Gibbes Street, Chatswood, NSW 2067.
Phone: (02) 417 1111 Fax: (02) 417 2394

New Zealand:
Magna Techtronics (NZ) Ltd.
Level 4, 210 Khyber Pass,
Newmarket, Auckland.
Phone: (09) 307 3901 Fax: (09) 307 3832

Safety In The Performance Space

This special one day conference, held at the Reception Hall in the Sydney Opera House, precedes ENTECH.

The Conference is to be held on **Monday April 22, 1996.**

The conference examines issues such as:

- Occupational safety and health legislation and the performance industry;
 - Manual handling, electrical safety, rigging and noise protection;
 - Codes of practice and regulations;
- Employer obligations, insurance considerations, and more.

Program:

8.45 - 9.15am Registration

9.30 - 10.10am

Opening remarks from Conference

Conveners: Byron Comminos Human

Resources Consultant and Simon Jenkins

Chairperson Sydney Opera House OH and S Committee.

<Morning tea break>

10.30 - 11.10am

Industry Issues: Hearing Loss and Hearing Conservation, Dr Eric LePage, Senior Research Scientist, National Acoustic Laboratories.

11.10 - 11.40am

Workers' Comp and Rehabilitation - the need for a National Perspective. John Tucker, National Manager, Injury Management, MMI.

Risk Management: Q & A Panel with John Tucker, Ken Killen (AIBA Group Insurance Advisers)

11.55 - 12.15pm

Experiences in developing Codes of Practice. Michael Jefferys, Managing Director, X-Fade Consulting.

12.15 - 12.30pm

Morning Closing Remarks: Gary McQuinn, Stage Business and Back Row Productions.

<Conference Luncheon>

1.20 - 2.00pm

Industrial relations and OH & S. John Bate, Manager Industrial Relations, Entertainment Industry Employers' Association (EIEA).

2.00 - 2.40pm

Safety in Theatre & Concerts - An International Perspective. Karl G. Ruling, Technical Editor, Lighting Dimensions & Theatre Crafts International magazines, New York.

<Afternoon tea break>

3.00 - 3.30pm

OH & S - a National, Industry Perspective. Dr John Toohey, Director Industry Development Branch, national OH & S Commission (Worksafe Australia).

A National Focus: Q & A Panel with Dr John Toohey, Don Gunn (Media Entertainment and Arts Alliance), David Hamilton, Ian Stephen (D/General Manager, Sydney Opera House), Gary McQuinn.

4.00 - 4.30pm

Formation of an Industry Based Safety Advisory Committee, initially funded by Connections Publishing Pty Ltd.

4.30pm

Closing Remarks, Byron Comminos.

4.45pm

Conference ends.

Lunch Menu

A delicious 'picnic lunch' is provided. You can walk over to the Botanical Gardens during the lunch break, or if weather is inclement sit in the Cafe Mozart. This lunch format encourages networking.

Selection of assorted Gourmet Finger Sandwiches, Marinated Chicken Pieces, Piece of fruit, Cheese and bread, Portuguese Custard Tart, Soft or fruit drink.

Cost is \$170 for the full day, which includes lunch, morning and afternoon tea.

For more details: please call Julius Grafton on 1-800-635-514. Also visit our Internet site: www.conpub.com.au

Bookings: by phone (call 1-800-635-514 or 876-3530 if in Sydney).

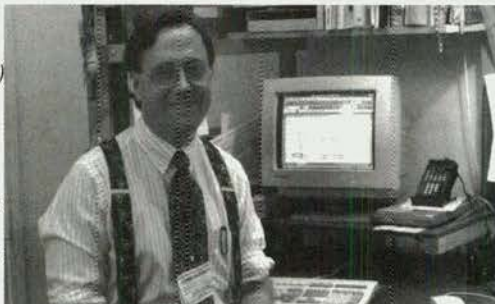
By fax: (02) 876-5715.

By post: PO Box 439, Epping NSW 2121.

Karl G. Ruling is the technical editor for *Lighting Dimensions* and *TCI* (formerly *Theatre Crafts*) magazines. He has a Master of Fine Arts degree in theatre from the University of Illinois at Urbana/Champaign, and a Bachelor of Arts degree from the University of California at Santa Barbara with majors in Dramatic Art and Psychology.

Karl spent ten years on the faculty at universities and colleges in the United States. He taught stagecraft and lighting and scenic design, and designed and built scores of productions.

Karl continues to work professionally as a designer. He



Karl G. Ruling pic by Martha S. LoMonaco

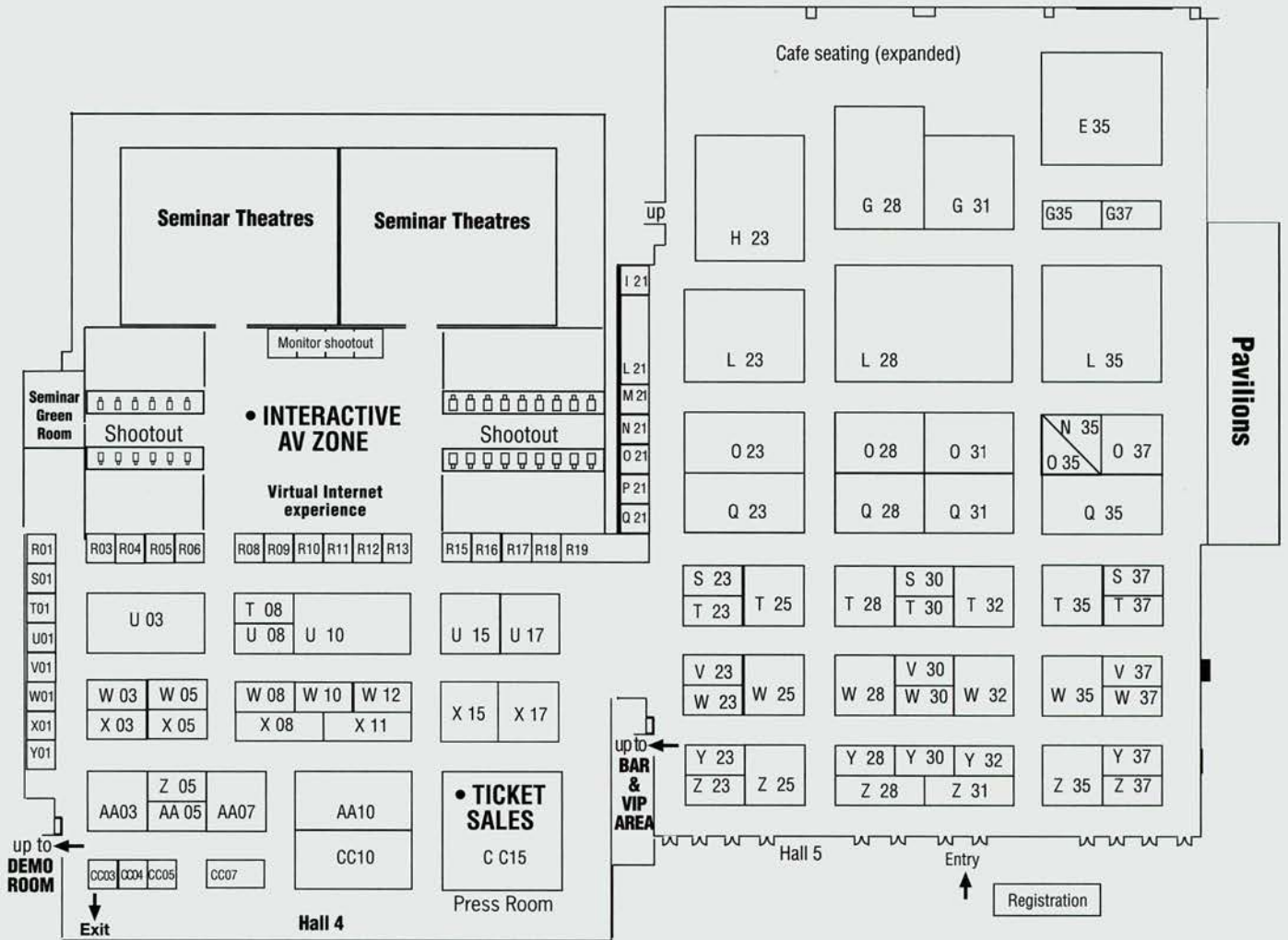
also serves on the Entertainment Services & Technology Association's Fog and Smoke Working Group.

Dr John Toohey is Director of the Industry Development Branch of the National Occupational Health and Safety Commission (Worksafe Australia).

His primary role is the development of national industry strategy in occupational health and safety. He was previously a Commissioner of the Australian Government's Commission for Safety, Rehabilitation and Compensation. He has also worked in risk management in private sector insurance and in the public health system.



EXHIBITOR LIST AND MAP



Exhibitor list

Firm	Stand No.	Firm	Stand No.	Firm	Stand No.
A + K Australasia	AA03	Dynamic Music	Y28	Philips Lighting	P21
Acoustic Technologies	S30	Edward Keller	X01	Plasa/L&S&l	U03
AC Lighting	U03	Electrosonic	X08	Pioneer	W37, Y37, Z37
Active Lighting	Pavillion A	ELSTA Audio & Lighting	O28, Y30	Premier Lighting	O37
AIBA	Q21	Fender Aust	R15	Production Audic Services	T35
Airzone	Pavillion A	FOCUS	Pavillion A	Pro Music	T01
Alcatel	Q21	Gemini Lytequest Aust	W30	Q Engineering	V23
Alfa	O21	Geni	O35	Quantum Eflex	X03
Altronic Distributors	Y01	Glantre Engineering	Z25	Ramtek Ind./Bakerlights	CC09
Amber	W10	GUVT	L28	Roland	W08
AR Audio	Z35	Herkes/Selecon	O31	Rosco	V37
ARX Systems	S23, T23, T25	Horwood	S37	Scan Audio	W12
Ashton Admor	R17	Integra Systems Pty Ltd	R10	Showcraft	W25
Audio Sound Centre	E35	Jands	L21	Showtravel/Showfreight	U01
Audio Telex	R03	Jands	L23	Sony Australia	O23
Australian Audio Supplies	W28	JEM	U08	Sound Devices	R04
ADJ (Aust DJ)	Z28	Kodak Australasia	AA03	Stage and Studio	W23
Australian Monitor	W05	KUPO	X05	Stage Technologies	U03
Australian Screen Sound Guild	R08	Le Maitre	G37, G38	Stage Whispers	Pavillion A
AVD	Pavillion A	Lightmoves	G31	Studio Due	N35
AWA	T30	Lots of Watts	AA07, Z05	Studio FX	V01
Black Express	U15	LSC	AA05	Studio Solutions	R13
Bose	U10	Magna Systems	Q31	Sylvania Lighting	I21
Bytecraft	Q23	Mark IV	X11	Syncrotech	Z31
Caprina	R11	Martin Professional Lighting	Pavillion A	System Sound	X17
Chameleon Touring	L35	Media Entertainment & Arts Alliance	N21	Theatrical Supplies of Aust.	CC07/08
Clay Paky/Pulsar	H23	Mediavision	X15	The PA People	Q28
Cliff Electronics	W03	Meyer Sound	R19	The Resource Corporation	R18
CMC	T32	Miller Professional	R09	Tomcat USA	T08
CMI	V30	Multi-Contact Aust.	W01	UK Dept. Trade & Industry	U03
Coemar	W32, W35	Multiscan	Z23	Universal/Abstract	G28
Connections/ENTECH	CC16	Musitronics	G35, G36	Vantage Lighting (LA)	R06
DHA	U03	Numark	Y32	WDR (World Disco Revue)	R05
Digital Sound Systems	R12	Nightlife Music Video	T37	White Light	U03
Dynalite	Y23	Oracle	Q35	Yamaha	U17
		Osram	U03		
		PAXT	AA09		
		Penn Fabrication	Theatre Area		
		Personal Internet Services			

Exhibitors full company names and complete description are listed alphabetically in the following pages.

COME INTO THE ZONE!

Seminars at ENTECH 1996 are presented in one of our Seminar Theatres, constructed in Hall 4.

The theatre foyer is our Interactive AV Zone. Here you will find product shootouts, and browse in front of Greg Weaver's giant internet projections. The Interactive AV Zone is a place to appraise products and expand your knowledge. Come see it, use it, and enjoy it.

THANKS TO PERSONAL INTERNET SERVICES, GREG WEAVER.

MOVING LIGHT SHOOTOUT

This is open to units of less than 1200 watts. The units are assembled in order, and are all fed an identical DMX signal courtesy of LSC Electronics who are also supplying the control desks for this exercise. In the Shootout zone you'll find more information about how it all works, the fixtures, and appraisal information.

THANKS TO LSC ELECTRONICS AND DEAN McFADDEN FOR THE SUPPLY OF CONTROL AND DMX DISTRIBUTION FOR THIS SHOOTOUT.

STUDIO MONITOR SHOOTOUT

In the Interactive AV zone is our Nearfield Monitor Shootout. This is a product type rapidly growing in popularity. A Nearfield monitor is designed to work close, and can often be mounted on the meterbridge of a mixing console. These days they are also used in commercial audio installations and even at home.

With the assistance of Peter Twartz and Jands Electronics, we have assembled these products into logical groups which can be auditioned, fed by Crest Amplifiers.

Again, you need to go to the zone to find out more, but we are sure you will learn from this!

THANKS TO JANDS ELECTRONICS, PETER TWARTZ, AND CREST AMPLIFIERS FOR PROVIDING CONTROL SWITCHING AND AMPLIFICATION.

ZOOMSPOT SHOOTOUT

The 650 watt zoomspot is increasing in usefulness as lamp and luminaire technology improves performance. Come and see the units side by side and utilise our appraisal information.

Bruce Jackson

ENTECH salutes great Australian technicians. Our Seminar Star **BRUCE JACKSON** was a PA pioneer in Australia, then went to the USA to work for Elvis. He worked through the evolution of modern PA, and then went on to form APOGEE ELECTRONICS in LA after many years mixing Bruce Springsteen. APOGEE are at the forefront of digital audio, making filters and devising technologies which severely worry the major players. In his spare time, Bruce won an EMMY and a TEC award last year for mixing Barbara Striesand's latest concert tour.

Connections Publishing and ENTECH are delighted to present Bruce Jackson, who embodies the versatility and the character which makes our technicians world-class.

Bruce will present two audio Seminars, see next page, A1 and A3.



...and very Special Thanks also goes to these firms:

ARX Systems. Call (03) 95557859. They supplied the paging PA, up on the catwalk.

(Because the system installed in Sydney Exhibition Centre is UTTERLY HOPELESS! Maybe someone can SELL them a new one at ENTECH.....!)

Theatre Equipment. Call (02) 716-6700. DA-LITE screen for Internet projections.

Universal Lighting & Audio. Call (07) 5532-9922. For the supply of the Lighting Rig used in DJ Championship.

Production Audio Services. Call (03) 9415-1585. For provision of an EAW PA system for the DJ Championship.

Intercity Staging. Call (02) 555-1777. They have provided the entire Audio Visual system and operator for Seminar Theatre One. This includes audio, video and presentation aids.

VideoPlus. Call (02) 552-3400. They have provided the entire Audio Visual system and operator for Seminar Theatre Two. This includes audio, video and presentation aids.



We're helping you look good!

Lighting stream

Tues 12.00 midday MEET THE LD'S (L1)

Meet a selection of successful lighting designers, gauge techniques and ask them questions. Panel to include:

Marilyn Lowey Marilyn has been the lighting designer for Neil Diamond since 1980. Other artists she has worked with have included Liza Minelli, Cyndi Lauper, Glen Campbell and Bette Midler. She has also done industrial shows, Disney spectaculars, architectural lighting and film lighting.

Nigel Levings Nigel is one of Australia's leading theatre LD's and has just returned from Broadway where he lit *The King & I*.

John Rayment John is the resident lighting designer for The Sydney Dance Company.

Nick Schlieper Nick is a well known Sydney based theatre lighting designer who regularly works in Europe.

Mitch Lane Mitch is a resident lighting designer for Channel 7 working on shows such as *Denton*.

Alan Stone Alan now works mainly in the corporate area but has an extensive background in rock with such acts as *Hunters & Collectors*.

Conducted by **Catriona Forcer**.

Tues 1.30pm LIGHTING CONTROL : WHAT'S MISSING ON MY NEW CONSOLE! (L2)

An open discussion on control with several leading lighting designers/board operators who ponder what the manufacturers actual think.....**Rohan Thornton** Rohan works for Channel 9 and is known for his variety of lighting designs on *Hey Hey It's Saturday*.

Steve Swift Steve has worked as a lighting designer mainly in the corporate and rock areas for many years and has recently completed a successful tour with *Tina Arena*.

Kurt Wagner Kurt is currently touring as LD for *Kate Ceberano* and has worked with other acts such as *Chocolate Starfish*.

Michael Schell Michael is a control desk operator for the Sydney Opera House and has worked on numerous productions.

Trudy Dagleish Trudy works mainly in theatre and is currently lighting *The Rocky Horror Show*. Conducted by **Andy Ciddor**.

Tues 3.00pm MECHS & MOTORS (L3)

A number of experienced Mechanists discuss current problems and future staging equipment requirements including the use of motors and their controls, and explores the use of current lifting equipment and future trends as well as training needs. **Chris Potter** Currently Head Mechanist with the Australian Opera Company, Chris has also worked in the concert area and was Deputy Stage Master at the Adelaide Festival Centre when it opened in 1972.

Bruce Gordon Currently Head Mechanist with the Australian Ballet, he has worked for many years having toured Asia, Europe and the American continent.

Frank Millaine Currently Production Director for *The Three Tenors* and specifically *Pavrotti*, Frank was formerly Staging Master at the Sydney Opera House, following years of service in the staging field. He has a special interest in the need for a comprehensive training programme and brings an international perspective to the panel. Conducted by **Simon Jenkins**.

Tues 4.30 LIGHTING CAD (L4)

Leading practitioners discuss the way they use CAD and the developments they would like to see.

Nigel Levings Nigel is one of Australia's leading theatre LD's and has just returned from Broadway where he lit *The King & I*.

Andy Ciddor is the lecturer in Performance Technology at the WA Academy of Performing Arts.

Rohan Thornton Rohan works for Channel 9 and is known for his variety of lighting designs on *Hey Hey It's Saturday*.

John Rayment John is the resident lighting designer for The Sydney Dance Company.

Gavin Swift One of Australia's up and coming theatre designers based at *Chameleon Touring Systems*. Conducted by **Catriona Forcer**.

Wed 12.00 midday UV F/X (L5)

Today's high powered blacklights coupled with UV sensitive materials allow designers to achieve a number of cutting edge effects, glowing make-up effects, atmospheric effects and more. The use of Ultra Violet materials is now taking hold in club decor, stage and film set design. This seminar will illustrate some interesting concepts and perhaps supply the idea-hungry club owner, designer, or lighting person with some new concepts!

Presented by **Richard Green**, President & founder of *Wildfire Inc*. This firm make unique UV products.

Wed 1.30 pm LUMINAIRE DESIGN & MANUFACTURE (L6)

Everyone wants luminaires that are cheap, efficient, accurate and don't burn gels! Andrew Nichols goes through these topics: • The brief, how to develop and implement. • Optical Design, • Output vs. Optical Projectability, • Engineering Decisions and Compromises. • Philips and the R & D connections. • 4 practical case studies.

Wed 3.00pm SMOKE (L7)

Karl G. Ruling and **Simon Jenkins** discuss the pros and cons of current smoke effects and the need for standards in this area. The panel will also include a Health professional with an understanding of the issues. Issues include: to crack or not to crack; mineral versus vegetable oil; how and when to use what including the use of nitrogen technology.

Wed 4.30pm CONVERGENCE OF LIGHTING (L8)

Leading lighting designers in television, theatre and rock'n'roll discuss the emergence (is that a word?) of lighting. Can lighting be categorised into either TV, theatre or rock'n'roll or are the boundaries diminishing? The following designers are renowned for their adventurous use of a wide variety of equipment available on today's market.

Rohan Thornton Rohan works for Channel 9 and is known for his variety of lighting designs on *Hey Hey It's Saturday*.

Steve Swift Steve has worked as a lighting designer mainly in the corporate and rock areas for many years and has recently completed a successful tour with *Tina Arena*.

John Rayment John is the resident lighting designer for The Sydney Dance Company.

Dave Arthur Dave is a Lighting Director/Technical Producer with the ABC and has worked with many theatre/opera LD's converting their work for television. Conducted by **Catriona Forcer**.

Open Stream

Tues 10.30am RIGGING (audio, lighting) G1

Pros and cons, risks, things you need to KNOW! Starts with a brief history of rigging, some definitions of rigging terms, demonstration of the types of equipment used and why, use of load cells to demonstrate changing tensions in various sling angles and a Q & A session. Conducted by **Roger Cameron**, a director of *Pollards Productions*. Also **Barry Haynes** of *WorkCover* will participate. Footnote, the seminar doesn't provide any degree of qualification to be, or act as, an Entertainment Industry Rigger!

Wed 10.30am BUSINESS (G2)

What's the point of working if you are not making a profit or at least enjoying a tax deductible life style? If you are making a profit have you accrued fiscally for the treasurer? Too many times we hear people say "profit! what do you mean I made a profit? I haven't got a cent in the bank, I'm in the red". And a classic comment "Insurance, I can't afford it". Another "Marketing.....I haven't got time, I'm too busy scrounging my market share the hard way..... over working and undercutting".

Explore some of these and other mysteries, hosted by **Caroline Grafton** of *Connections*. Special guests are **Bruce Rowland** of *Partlett, Chave and Rowland* - one of Australia's leading entertainment accounting firms specialising in technicians, and **Ken Killen** of *AIBA Insurance*, another industry leader, who will explain some of the deep secrets of insurance, with an emphasis on Third Party Insurance At The Gig or Show.

This is not a Seminar for owners of huge firms backed by staff with accounting degrees. This is an opportunity for you, the small to moderate sized business person to demystify the jargon of the professionals you deal with. Come along and learn how to help yourself and save money in the long run with a few astute procedures.

AV - Video stream

Tues 1.45pm Video: LCD, CRT and DLP Technologies (V1)

Learn the benefits of each of these technologies, how best to qualify which one will fulfil your needs. Also, where are each of these technologies headed over the next few years? This will start with an overview and explanation of each technology. From here we talk about the reasons for the changes in technologies and how each has benefits over the others. Cost vs benefit case studies will be provided. Conducted by **Kevin Hammond** of *AV Experience*, with other industry professionals.

Tues 3.15pm. Video: Interfacing. (V2)

Learn how computer interfacing works, the issues involved, and solutions required to ensure image quality over the full range of scan frequencies, resolutions, amplification and switching. Defining bandwidths, how to work it out, and the relationships between each of the above. You can't discuss the topic until you understand the relationship! Includes notes and demo. Conducted by **Kevin Hammond** of *AV Experience*, with other industry professionals.

SEMINAR PROGRAM

Seminars held on Tuesday April 23, and Wednesday April 24.

Tues 4.45pm Slides vs Data (V3)

In which ways are direct-to-screen presentations changing and challenging the way presentations are made? Has the slide projector been relegated to the 'dinosaur' heap? What do resolution and colour have to say about this? Resolution will be the main point to this topic, comparison between the 'losses suffered' in editing a show together, the benefits of last minute changes and flexibility of each will be covered. We delve into the costs of start-to-finish shows - small, medium and large. This will include an overview of equipment to shoot, edit, finish and show. Conducted by **Kevin Hammond** of AV Experience, with other industry professionals.

About....

• TUESDAY & WEDNESDAY ONLY!

On Thursday ENTECH hosts special events; The Technics National DJ Mixing Final; and the Recording Expo.

• **COST:** seminars cost \$10 each, or buy an open pass for \$95.

• **DURATION:** 50 minutes each.

• **LOCATION:** In Hall 4, behind the trade show floor, at ENTECH 1996.

• **BOOKING:** Before ENTECH call (in Sydney) 876-3530 or: 1-800-635-514 or fax (02) 876-5715.

• **BOOKING AT ENTECH:** Come to the box office at the Connections stand, located near the front of Hall 4.

• **NOTES/PAPERS:** SOME of our presenters will produce these, but not all. The purpose of the Seminar Sessions is to assist those present. However:

• **TRANSCRIPTS:** Will be published in future issues of Connections Magazine.

• **TAPES:** Will be made but only for transcript purposes.

• **TAPING:** If you wish to tape or video any of the Sessions you must first visit the Seminar Green Room and sign an agreement to the effect that the tape or video is for your own use only.

• **PRESS:** May tape the Sessions provided they wear a PRESS PASS and have registered at the PRESS ROOM. Press may take photographs. **Press are admitted to Seminars free.**

AUDIO stream

Tues 10.45am

Digital Audio: A pioneer's perspective (A1)

Bruce Jackson talks about a subject dear to his heart. Discover where it started and ponder where it is going! What is YOUR digital audio future? Presented by **BRUCE JACKSON** - a PA pioneer in Australia, who then went to the USA to work for Elvis. He worked through the evolution of modern PA, and then went on to form APOGEE ELECTRONICS in LA after many years mixing Bruce Springsteen. APOGEE are at the forefront of digital audio, making filters and devising technologies which severely worry the major players. In his spare time, Bruce won an EMMY and a TEC award last year for mixing Barbara Striesand's latest concert tour.

Tues 12.15pm

Mic techniques for acoustic instruments. (A2)

How to best mike a piccolo? Studio and Live, we delve into the best techniques, mic types and likely results when confronted with that difficult scenario. A 2 part Seminar!

The STUDIO, as in recording, part is presented by **Mike Stavrou**. Mike is a recording engineer who has worked with virtually every conceivable recording situation, including recording of the London Symphony Orchestra, the Australian Chamber Orchestra and more. He has some innovative and creative solutions to getting those pesky acoustic instruments on tape. Using the MICROPHONE, of course!

The LIVE part is presented by **Tim Vear**. He is a rocket scientist who attained a degree at the Uni of Illinois. Despite this, he knows a lot about audio, and has presented papers at various trade shows worldwide. He is now a technical support guru at Shure Brothers in the USA. His major objective is to increase awareness of quality audio, with particular emphasis on proper mic selection and technique.

Finally, the session will also utilise the Allen Sides Microphone Cabinet, a CD-ROM. It'll be big!

Wed 10.45am

Bruce Jackson, the Super Star PA Session (A3)

Hear how it was done. Sound in the round, stereo imaging and lots of practical anecdotes. Presented by **BRUCE JACKSON** - a PA pioneer in Australia, who then went to the USA to work for Elvis. He worked through the evolution of modern PA, and did some innovative things with 360° arrays and new ways to use delay zones. He went on to form APOGEE ELECTRONICS in LA after many years

mixing Bruce Springsteen. APOGEE are at the forefront of digital audio, making filters and devising technologies which severely worry the major players. In his spare time, Bruce won an EMMY and a TEC award last year for mixing Barbara Striesand's latest concert tour.

Wed 12.15pm

Mastering, CDR, formats for archive. (A4)

Is CDR a mastering format? Come to think of it, is it the right format for long term archive? And what are your options for mastering anyway? Mastering is an essential topic for anyone producing recordings, and is commonly misunderstood. Join our panel, headed by **Chris Littlehales** from Pacific Mirror Image in Melbourne and including Sydney mastering engineer **Paul Bryant**. They will deal with the topic with style, flair and panache. At least, that's what we were told anyway....

Wed 1.45pm

Choosing studio monitors.

What makes a good speaker? (A5)

Nowadays it's almost all nearfield and midfield, but we throw some curve balls when we gather the experts to define what they think you need. We are having the prerequisite hassle finalising people for this session, there is always one like this. We do have **Bill Field**, owner of Paradise Studios and we also have **Paul Bryant**.

Wed 3.15pm Digital recording levels. (A6)

What standard should we pursue? What is hot, cold and medium? Where do YOU mix? This is a continuation of the Mastering Theme established in Session A4 above. We are assembling a panel including **Chris Littlehales** from Pacific Mirror Image in Melbourne, who will all disagree initially and then hopefully give you a clear indication of what level to record at.

Wed 4.45pm Gain before feedback. (A7)

The EQ, compression and microphone technique supersession. Got to amplify dialogue when the subjects care little for mike technique? Need to find the right compression setting? What do you do when confronted with an amateur musical, a basic powered mixer, 2 speakers, six dynamic microphones and a reverberant hall? Don't give up!

There are certain minimum tools required to produce intelligible live audio reinforcement in unfriendly environments.

Julius Grafton will assemble a gaggle of product specialists, who will demo their products in a constructive manner. He will play the devils advocate to keep them on the straight and narrow.

Settle down for an hour while we get your level!



Connections Shop

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HOT SHOW DEALS! Visit our stand, hall 4 front

EXHIBITORS FROM A TO Z

All the information which follows was supplied by our exhibitors. We haven't edited ANY of the claims herein, like "Australia's Largest", "World Leading" and "Unique Technology". True or you decide, we haven't!

A + K AUSTRALASIA PTY. LTD.

P.O. Box 159
Asquith, N.S.W., 2077
Tel: (02) 477 4709 Fax: (02) 4766 3276

Stand Number : AA03
Company History: A + K Australasia is a specialist supplier for the presentation and entertainment industry for projection systems, peripherals and installation solutions.

Products to be Exhibited: On display will be Chief Video Mounting solutions and video service lifts, equipment lifts, Navitar slide-to-video systems and brightlight kits, Navitar and Doctor Projection lenses, DAT extender for time code insert into 2 channel DAT and CD. Further the display will feature trolleys and stands, Impact cases, fibreglass solutions and engineering solutions.

A.C. LIGHTING LTD

Unit 3, Spearmast Industrial Park
Lane End Road, Sands
High Wycombe, Bucks HP124JG
England
Tel: +44 (0) 1494 446000
Fax: +44 (0) 1494 361024

Stand Number : T03
Company History: A.C. Lighting is probably the largest wholesale stockist of specialist lighting equipment in the world. A truly international supplier, the company boasts a same day global despatch service from an unparalleled stock holding from many manufacturers. In addition, A.C. Lighting has established exclusive world-wide distribution for a range of top professional lighting products: Wholehog II - Ultimate integrated lighting control system. WYSIWYG - Lighting visualisation software. Chroma-Q - High quality, inexpensive, 16 frame colour changer. Gelstream - DMX colour changer with built-in PSU. Vision Light Enhancer - Safe, portable light enhancing haze machine. Power Lock - Safe, high load, electrical connector. Procolour - Lighting filters.

A.R. AUDIO ENGINEERING PTY LTD

558 Darling Street,
Balmain NSW 2041
Phone (02) 810-5300, Fax (02) 810-5355

Stand Number : T23

Business Activities: Established in 1982, A.R. Audio Engineering is one of Australia's major full



range wholesalers of professional audio products for the live and installed sound sectors.

Company Principals and Titles: Stephen Bray, Anthony Russo, Maxwell Twartz

New Releases: QSC POWERLIGHT 4.0: 1400w/ch Power Amplifier weighing just 13.6Kg.

Martin Audio ICT/ICS300: Double 10" ICT based 2-Way compact Full-Range Speaker with accompanying Sub-woofer.

Allen & Heath GL3000: Full Specification FOH, Foldback or dual usage 8-Buss 24/32/40 Channel Mixer, with 8 Auxiliaries, Matrix, and FOH or Foldback 1400w/ch Power Amplifier weighing just 13.6Kg.

Marantz Professional PMD Series: Rack Mount Cassette & CD Players.

Products to be Exhibited: QSC Audio: New for Entech is the the CX Series Contractor Amplifiers and the 1400w/ch PowerLight 4.0 which completes the PowerLight Range.

Martin Audio manufacturer a full range of PA speaker systems from the world's finest touring concert sound to the high power double 5" ICT EM15.

Allen & Heath's comprehensive range of mixing units for the live and touring market segments from the 1RU, 11 input, 3-buss Zone Mixer to the FOH or Foldback GL-4 main console.

Marantz Professional have now added the PMD Series which are a very competitively priced range of rack mount CD and cassette machines for installation, touring, studio and broadcast applications. Marantz Professional's CD-R & Portable DCC will also be on display.

IVIE Technologies input and output matrix mixers including room dividing/combining and digital graphic EQ.

Focusrite's new GREEN Series will be displayed alongside the RED and BLUE Ranges.

ATC the world's most accurate studio monitors featuring the

award winning SCM100A active main studio monitors, the SCM20 near field and the SCM10 desktop monitor.

SCV the complete range of signal processing including: Compressors, Equalisers, Parametric Room Equalisers, Microphone Splitters, Phase & Cable Testers, DI's, and other accessories.

ACOUSTIC TECHNOLOGIES

P.O. Box 107
Sumner, QLD. 4074,
Tel: (07) 376 4122, Fax: (07) 376 5793

Stand Numbers: S30

Company History: For the past 20 years, Acoustic Technologies has actively pursued the research and development of professional sound reinforcement equipment. During the past 12 months Acoustic Technologies has invested heavily in the latest software and hardware design tools to enable the engineering of advanced loudspeaker enclosures and electronic circuitry. The performance and quality achieved enables our products to openly compete in a global market place.

Company Principals and Titles: Harry Lloyd-Williams - Director - Marketing, Richard Faint - Director - Engineering, Stephen McDonald - Sales Manager. Both Directors will be present.

New Releases/Special Feature Products: Acoustic Technologies are launching a completely new range of loudspeaker enclosures and audio power amplifiers. most recent press release.

ACTIVE LIGHTING PTY. LTD.

21 Queens Avenue
Hawthorn, VIC., 3122
Tel: (03) 9819 6912 Fax: (03) 9819 6008

Pavilion Stand

Company History: Active Lighting Pty. Ltd. is a dynamic company with a proven history of reliable service to the hire and production industry. Our production department provides design, consultancy, installation and operation of equipment to all areas of the industry including, but not limited to, corporate theatre, concert production, theatre, display and dance parties. The same level of service

and equipment is provided by our hire department. Please feel free to contact Tim Hall, our Production Co-ordinator, present at ENTECH to discuss our ever increasing inventory and view some of our recently completed work.

ADJ, MAD LIGHTING

13-15 Bridge Street,
Rydalme NSW 2116,
Phone (02) 898-1666, Fax (02) 898-1222.

Stand Number: W05

Company History: ADJ was born in 1993 out of a need for quality, reliable, affordable lighting effects for the installation and mobile DJ market. Today it is one of the leading brands in Australia. ADJ encompasses products such as par cans, motorised effects, helicopters, mirror Balls, ropelight and rigging. From MAD Lighting comes a new breed of intelligent lighting with halogen lamps - an affordable alternative to units that use the more expensive discharge lamps. Using M33 halogen lamps and superior optics, MAD lights are punchy, compact and very affordable.

Principals and Titles: Emmanuel Ziino, Managing Director (Show Technology Australia Pty Ltd). Rod Salmon, Director (Show Technology Australia Pty Ltd) JP Hsu (ADJ Special Guest from Taiwan)

New Releases/Special Feature Products: ADJ - Dynamic Snowflower, Future Derby, Mini Turtle Light, Dream FlowerMAD Scan 4 and MAD Star.

Products to be Exhibited: The entire range of ADJ Lighting, from Par Cans to Motorised Effects. Selected products from the MAD Lighting range.

AIBA GROUP INSURANCE BROKERS

Level 9, 52 Alfred Street,
Milsons Point, N.S.W. 2061
Tel: (02) 9923 1066 Mobile: (018) 448 641 Fax: (02) 9966 1699

Stand Number : Q21

Company History: Part of the worldwide A & A Insurance Broking Group, AIBA Group, formerly known as H.M. Bates have been arranging insurances for entertainment industry business and professionals since 1926. Dedicated to providing insurance solutions for the complex and ever changing risks associated with the Entertainment Industry, the AIBA Group, with a network of

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over 60 offices around Australia, have continued to remain the market leaders and innovators in their field.

Company Principals and Titles: Ken Killen - National Manager, Entertainment Industry Insurances, Ian Stack - Account Manager, Michelle Silsby - Assistant Account Executive, Rebecca Jones - Assistant Account Executive. (All will be present at Entech)

Products to be Exhibited: AIBA Group staff will be on hand to answer any questions and to provide Insurance advice and/or quotations on the full range of insurance products available for importers, retailers, manufacturers, audio/visual companies & professionals, venues, promoters, studios, broadcasters, video, film & television companies and professionals, repairers & technicians, computer and multi media businesses and professionals.

Other: AIBA Group is proud to be the official insurance broker for Entech '96.

AIRZONE

91 Reservoir Street, Surry Hills, N.S.W. 2010. Tel: (02) 212 6358 Fax: (02) 211 3141

Pavilion Stand

Company History: Airzone has

been recently appointed N.S.W. distributor for Aironic Products. Aironic have been developing and manufacturing a range of purifying products, which counteract air pollution, for 14 years using a combination of filtration and ionisation to clean polluted air of

dirt, germs, smoke, dust, fluff, pollens and odours and to restore the balance of negative ions in environments of computers, electrical equipment or any commercial, industrial or home situation where the quality of air is important. There are eight specific Aironic products designed to clean every indoor environment, resulting in clean fresh air in minutes. Chris Brown, The Managing Director of Airzone has over 20 years experience in the design and construction of audio-visual, acoustic computer labs and other technical environments and believes these products are a must for today's work and living spaces.

ALCATEL COMPONENTS LIMITED

248 Wickham Road, Moorabbin, VIC. 3189 Tel: 1800 674 559, Fax: (03) 9553 3801

Stand Number : 021

Company History: Alcatel Components was established in 1955 and is Australia's largest manufacturer, supplier and exporter of specialist connectors for audio and electronic equipment. The company has built a reputation for developing innovative solutions to meet the



AXR audio adaptors. • Easy Inline series of RF1 Filters, Attenuators, Phantom Power Tester.

Picture at left: Alcatel Rep. demo's the AC connector in Singapore.

changing requirements of the global market.

Company Principals and Titles: Graeme Eime - General Manager, Dean Felsenthal - Financial Controller, Paul Menolotto - Operations Manager.

New Releases/Special Feature

Products: Alcatel Components' new range of Advanced Cable Connectors are available in both solder and IDC insulation displacement connection. The patented IDC audio connector is the world's first solderless audio connector and significant labour savings of up to 75% are a key benefit of the IDC Termination. Our AC series also features our unique patented "Jaws" cable relief which supports both the inner conductors and outer jacket for cables up to 6.5mm and the new big Jaw which accommodates cables with diameters as large as 8.0mm. A range of quality low cost plastic cord mountable connectors has recently been released as with panel mountable versions, which are available in IDC, solder, straight and 90°PCB options.

Products to be Exhibited: • AC series of XLR type connectors including cord mount metal and plastic. • EP & AP connectors. • AXR PDN speaker connectors and

ALFA DISCO LIGHTING PTY. LTD.

235 Canterbury Road, Canterbury, N.S.W. 2193 Tel: (02) 718 3425 Fax: (02) 718 7229

Stand Number : Y01

Company History: The company was established in 1980 and manufactures P-36 Pin Spots, P-56 Cans, P-64 Cans and also Scanners and Smoke Machines.

Company Principals and Titles: John Shualov - Director. Will be present at Entech.

New Releases/Special Feature

Products: Reflector with 500W Halogen Lamp for P-56 Can. Intelligent Lighting.

Products to be Exhibited: P-36 Pin Spot Black all extrusion - new. P-36 Pin Spot Silver; P-56 Can Black heavy duty. P-56 Can Silver; P-64 Can heavy duty Silver; P-64 Can heavy duty with lock on the side; Ray kit with spider; Scanner Black extrusion 12rpm . Scanner.

ALTRONIC DISTRIBUTORS PTY. LTD.

174 Roe Street Perth, W.A. 6000 Tel: (09) 328 2199 Fax: (09) 328 4459

Stand Number : W10

Company History: Altronic Distributors was established in

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Stands W32 & W35



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📠 +61 3 9467 8667

Professional Entertainment Products

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Crescent LightShop Photometric Software. Winner announced in next issue of Connectors.

Company: _____

Name: _____

Address: _____

Suburb: _____

Phone: _____

Postcode: _____
Fax: _____



1976. Since then we have grown from six employees to well over 40. Recently we opened branch offices and warehouse facilities in Sydney and Melbourne. During the course of 1995 we received accreditation to ISO 9902.

Company Principals and Titles:

Managing Director - Jack O'Donnell, General Manager - Brian Sorensen

New Releases/Special Feature Products:

At Entech 1996 we will be displaying our range of Redback Public Address Equipment. On display for the first time will be the following new products: 500W Booster Amplifier, 30W Amplifier, 60W Amplifier, Alert Evac Controller, Multi Zone Attenuator plus much, much more.

AMBER TECHNOLOGY PTY. LTD.

Unit B/5 Skyline Place Frenchs Forest, N.S.W. 2086. Tel: (02) 9975 1211 Fax: (02) 9975 1368

Stand Number : Z35

Company History: Formed in 1987, Amber Technology is one of Australia's largest suppliers of Professional Audio, Broadcast and A/V equipment.

Company Principals and Titles:

John Fitzpatrick - Marketing Manager, Chris Royal - NSW Sales, Mike Sanders - Electrohome Product Manager and Athol Greenhalgh - Broadcast Sales Engineer.

New Releases/Special Feature Products:

Whilst Amber's complete range will be on display, a number of new products will be featured including: Otari - "Lightwinder" Digital Multicore System using optical cable; Beyer - "M-Series" high performance entry-level Vocal/Inst. microphones. New - Electrohome range of high definition video, graphics and data projectors. Latest updates for the TC M5000 Digital Audio Mainframe system.

ARX SYSTEMS PTY. LTD.

33 Advantage Road, Highett, VIC., 3190 Tel: (03) 9555 7859 Fax: (03)9555 6747

Stand Numbers: R16 & R17

Company History: ARX Systems was formed in 1983 by brothers Colin and David Park and longtime friend Duncan Fry. From the outset the company's aim was to design and manufacture world class products for the Audio

Professional. ARX Systems now has over 20 employees in our Highett, Melbourne facility, with sales offices in Los Angeles U.S.A. and Cambridge England. ARX Systems now exports to over 40 countries worldwide with export business now accounting for over 85% of total sales.

Company Principals and Titles:

Colin Park - Managing Director, Duncan R. Fry - Director & Media Star, David Park - Director, Iain Everington - NSW & QLD representative, Ian Ross - W.A. representative, Tony Hosking - Vic. & Tas. representative.

New Product Releases:

AFW-1 - Anti Feedback Workstation. New single channel unit combining a 1/3rd octave equaliser, peak limiter and DSP based feedback eliminator. ULTM8 - Digital 8 Track Dynamics Interface. Designed for use with Digital 8 track recorders, featuring 8 individual channels of smooth compression with a global peak limiter covering all 8 channels. PhantomPlus - New low cost 4 channel 48VDC Phantom Power Supply. And, some never before seen first release Loudspeaker Systems!!

Products to be Exhibited: The complete range of ARX Systems Signal Processors, Power Amplifiers and Loudspeakers.

ASHTON ADMOR PTY. LTD.

34 Hargreaves Street Belont, W.A. 6104 Tel: (09) 478 3800 Fax: (09) 479 1941

Stand Number: E35

Company History: Founded and staffed by leading exponents in their fields, Ashton Admor Pty Ltd. is a wholly Australian owned and operated production, wholesale and retail organisation specialising in consulting to, and the servicing of, all facets of the entertainment industry. The rapid growth of Ashton Admor Pty. Ltd. is a tribute to the work ethic of its staff and the continued support of the many theatres, schools, nightclubs, individual and commercial clients it is our privilege to serve. Whether it be the hire or purchase of a single item, a full theatrical fit-out or a large outdoor concert production, the talents of the dedicated staff at Ashton Admor Pty. Ltd. are entirely at your disposal to ensure that you obtain the optimum product(s) and service(s) to suit your requirements.

Company Principals and Titles:

Joint Managing Directors - Mr. John L. Culverhouse and Mr. Everton T. Jansen (Both will be at

Entech)

New Releases/Special

Products: From Cerwin-Vega: Dan Armstrong guitar music boxes and raw driver guitar speakers. High power, high efficiency. Lightweight in kilos but heavy in performance. From RVE Technology: New transistorised dimmer. Same features as the HDD dimmers but transistorised. From J.R. Clancy: Lambda Platform Lift. Triangular geometry is the key to the patented design, construction and operation of the Lambda lift leg units and to the superior cost and performance benefits inherent in these platform lifts. From SGM Electronic: Intelligent Lighting Projectors. A new range of Intelligent Projectors, including two scanners, Victory, Victory II and a colour changer Colorlab 250. From Space Cannon: Mystery!!!! Complete new lighting effect.

AUDIO SOUND CENTRE

32 Punch Street, Artarmon NSW 2064 Phone (02) 9901-4455, Fax (02) 99014229

Stand Number R03



Company History: Audio Sound Centre was established by Geoffrey and Belinda Grist to serve the needs of sound recordists Australia wide. We carry a huge range of stock to be able to supply you straight away. You are welcome to visit our bright new showroom in Artarmon, Sydney and try out the huge selection of audio equipment we have on display. As well as selling audio equipment, ASC also has a huge rental equipment department including the latest timecode DAT recorders like StellaDAT, HHB and Fostex, diversity radio microphone systems and radio camera links. ASC also has four of its own, in house repair technicians with extensive experience with all brands of equipment, especially radio mics and DAT recorders. Our factory training extends to Audio Ltd, Lectrosonics, HHB Portadat, Vega, Comtek, Sonosax, Stelladat and others. We keep an extensive selection of repair and replacement parts available at all times. When you need to buy or rent equipment talk to ASC, we will even trade in your

existing equipment to assist you to change over to the very latest gear. We are the Sydney AKG microphone service centre and authorised Sony pro audio equipment repair centre as well.

ASC represents all major audio suppliers including Ac-cetera, AKG, Anchor, ATI, Audio Developments, Audio Ltd, Audio Technica, Beyer Dynamic, Big Ears, Bose, Canare, Comtek, Cooper Sound, Denecke, Electro Voice, Filmtech, Fostex, HHB Communications, Kangaroo, Lectrosonics, Light Wave, Millimic, Nagra, Neumann, Neutrik, Panamic poles and mounts, Panasonic, Pelican, Portabrace, PSC Professional Sound Corporation, Rocket cases, Rycote, Sanken, Schoeps, Shure, Sennheiser, Sonosax, Sony, SQN, Stelladat, Tram, VdB, Vega, Whisperooms, Yamaha etc.

Company Principals and Titles:

Geoffrey Grist, Managing Director; Tracey Wong, Operations Manager; Peter Mega, Rental Equipment Manager*; Bill White, Technical Services Manager*, Alex Wong, Information Technology*, Rachel Akers, Customer Service*; James Smythe, Rentals; Neil Salter, Service*. (* Attending

Entech this year)

New Releases/Special Feature Products:

Paramount Picture Speakers HHB Magneto Optical 8 Track Recorder John Hardie Microphone Preamps

JK Audio Telephone Interface Units Brainstorm Time Code Accessories Wind Tech Professional Mic Windscreens HHB - Pioneer 96 kHz Dat Recorder

Products to be Exhibited : Sanken Microphones. HHB Advanced Media Products, HHB Portable DAT Recorders. Big Ears Parabolic Reflector Rocket and Pelican Cases Panamic Boom Poles Coles Ribbon Microphones Denecke Time Code Slates & Acc Lectrosonics Radio Mics Audio Ltd Radio Mics PSC range of Lapel Mics and accessories

AUSTRALIAN AUDIO SUPPLIES

PO Box 183, Ourimbah NSW 2258 Phone (043) 291-711, Fax (043) 291-747

Stand Number: Z28

Company History Australian Audio Supplies was established in 1987 and is a distributor of professional audio products. The company's primary objective is to





Other: Spectral Prisma Music demos will be held at regular times, plus Spectral's Vice President, Ron Bradshaw, will be on AAS's stand.
Mackie mixer, from Australian Audio Supplies.

continue its expansion into the Australian audio industry by offering quick and personal service, and being 'in the face' of the buyer with as much product information as required.

Company Principals and Titles
David Croxton Managing Director, Tony Wayne Marketing Manager.

New Releases/Special Feature

Products Mackie: The new and improved compact mixer range, including the 12 channel MS1202-VLZ, 14 channel MS1402-VLZ, the 16 channel CR1604-VLZ, and the SR Series.

CAD: The CAD Equitek E300, a multi-patterned side address microphone that combines vintage capsule design with advanced head-amp electronics.

Hafner: The ultra affordable Hafner P-Series reference power amplifiers.

Spectral: Spectral's Prisma Music Version 2 will be released at ENTECH.

ADL: The new ADL 1000, ADL 1500 Tube Compressor/Limiters, and the ADL 200G Discrete Stereo Tube Direct Box.

Products to be exhibited: The full range of US-made Mackie mixers and accessories including the MS1202-VLZ, MS1402-VLZ, CR1604-VLZ, LM-3204, SR Series, 8•Bus Series, UltraMix Automation. The full range of CAD microphones including the Equitek Studio Condensers, the 100 Contractor Series, and the Pro Performance Series. Spectral Digital Audio Workstations featuring Prisma Music, Prismatic and Audio Engine, plus Spectral Digital Audio hardware including the Translator Plus, AX-S and the AX-88. Hafner Professional amplifiers featuring the Trans Ana Series, the P-1000, P-1500 and P-3000 power amplifiers.

Hayes f80 Studio Monitors with FSS technology. ADL Pure Tube Products featuring the ADL 1000, ADL 1500 Tube Compressor/Limiters, and the new ADL 200G Discrete Stereo Tube Direct Box. EBTECH Hum Eliminators, Line Level Shifters and Guitar Hum Reduction system. Q-Mix HM-6 Headphone Matrix amp that lets six musicians create their own individual headphone mixes from up to five sources, plus effects! Accessories including MBT console lamps and the legendary Popper Stopper.

AUDIO TELEX COMMUNICATIONS

149 Beaconsfield Street
Silverwater, N.S.W. 2128
Tel: (02) 647 1411 Fax: (02) 648 3698

Stand Number: W28

Company History: Audio Telex was established 20 years ago and has grown to become the largest specialised supplier of commercial and professional audio products in Australia and New Zealand. We have a continuing commitment to providing the audio industry with the best value and most comprehensive range of audio products available.

Company Principals and Titles:
Roy Morgan - Managing Director (At Entech), Don McConnell - National Product Manager (At Entech), Paul Anderson - NSW Manager (At Entech), Peter Holland, VIC Manager, Russell Lee - QLD Manager, John Bullard - WA Manager, Marcel Reinen - NZ Manager.

New Releases/Feature

Products: Peavey: MediaMatrix-Complete Computer based sound system. MediaMatrix Miniframe - New smaller version of the MediaMatrix. 1A Amplifiers - New Dual channel high spec amplifiers (controllable via MediaMatrix). Audio Telex: DCM Series AC/DC 100v Power Amplifiers. AT1202/RC - New combination amplifiers with inbuilt tuner and cassette deck. Micro: High quality ceiling speakers. Symetrix: 620 - New 20 Bit A/D converter. 450-Stereo 1RU Mixer.

Products to be Exhibited:

Peavey Architectural Acoustics - Amplifiers, Mixers, Microphones, Speakers. MediaMatrix - Computer Based Sound Systems. Symetrix - Analog and Digital Signal Processors. Chiayo - Wireless Microphones and Portable PA Systems. Sabine - Feedback Exterminators and Real Q adaptive EQ. Audio Telex - Australian Made Amplifiers and Mixers. Telex - Wireless Microphones, Wireless and Hard-wired Talkback Systems, Headsets. Frontier - Merit and Spark range of audio mixers. Oxmoor - Distribution Amplifiers, Room Combiners, Mixing Matrixes. Misco - High quality ceiling speakers and waterproof speakers. Auditel - Conference Systems, Multi-Channels Infra-Red

and Simultaneous Interpretation Systems. Soundsphere - Spherical 360 degree speaker systems. Switchcraft - Audio Connectors, Patch Panels and leads. Goldline - Audio Test Equipment.

AUDIO VISUAL DESIGN

Level 3, 25 Cooper Street
Surry Hills, N.S.W. 2010
Tel: (02) 281 2444 Fax: (02) 281 2400

Stand Number : T30

Company History: Audio Visual Design has been successfully serving the Australian recording industry for nearly twenty years. Since acquiring the company some eighteen months ago, Martin has expanded operations and the Behringer range substantially. Audio Visual Design is the exclusive Australian importer of Behringer Specialised Studio Equipment. As such through our dealer network we test, supply, install and service as necessary every single unit. Since the foundation of the Behringer company, quality has been the primary goal. We know that you want to use their products 24 hours a day, and we accept the resulting responsibility. Competent staff members, high quality components such as gold plated switches etc., 8 stages of quality control and a full 5 year warranty justifies your confidence. We fully understand that our success depends on you. "I founded the company Behringer." "Behringer means studio technology at the highest level." Uli Behringer, President.

Company Principals and Titles:
Company Owner - Martin Cass, Manager - Anthony McKenzie, Sales - Jonathan Armstrong

AUSTRALIAN MONITOR PTY LTD

29 HOPE STREET,
ERMINGTON NSW 2115
(PH) 02-874-9355 (FAX) 02-874-9366

STAND: R08

Company History :

Since its inception in 1987, Australian Monitor has grown to be a highly respected designer/manufacturer of quality, high performance, professional audio amplifiers and Speaker systems. Australian Monitor offers to its customers a high calibre product embracing higher levels of mechanical, electrical/electronic and sonic engineering, resulting in a truly robust and reliable product of exceptional performance. Australian Monitor's reputation extends into the International market place where the product is now being exported to over 45 countries with offices on all major continents.

Company Principals and

Titles: David Hay - General Manger (present), Lionel Krupp - Financial Controller / Director, Stuart McLean - Sales, Marketing, Technical and Engineering support. (present) Angela Kabeck - Sales, Marketing (present)

New Releases/Special Feature
Products: AM2400, 800w + 800w + 400w + 400w Dual Bi-Amp. Contractor 6x100, 6 by 100 watt multi-purpose power amplifier. Q8, Extremely compact, high efficiency tight pattern controlled full range loudspeaker. **Products to be Exhibited:** A Multi application range of Audio amplifiers, full range concert touring loudspeaker systems. Fixed installation and studio monitoring products.

AUSTRALIAN SCREEN SOUND GUILD, INC.

P.O. Box 475,
Willoughby, N.S.W. 2068.
Tel: (02) 9973 1677 Fax: (02) 9973 1911

Pavilion Stand

Company History: The A.S.S.C. aims to promote original and creative work, experimentation, research achievements and creative development and to encourage greater awareness and co-operation among all those involved in the profession of screen sound. **Company Principals and Titles:** President - Phil Judd, Vice-President - John Patterson, Secretary - Steve Murphy.

AWA LIMITED, DISTRIBUTION.

Unit 1, 175-179 James Ruse Drive,
Rosehill, N.S.W. 2142
Tel: (02) 898 7666
Fax: (02) 898 1135

Stand Number: U15

Company Principals and Titles:

Joseph Haddad - Sales Manager, Professional Products, Alistair Dewar - Product Manager - Broadcast & Pro Audio Products.

New Releases/Special Feature

Products: Several new exciting products to release : Spondor SA200 & SA300 Active Audio Monitors. AKG Acoustics Micromic II miniature condense mics. WMS300 UHF wireless system. Denon professional minddisc replicator. Denon disco SMX2000 DJ mixer, DN2500F dual CD player. Launch of powerful low cost, multi track workstation/hard disc recorder.

Products to be Exhibited: AKG, Denon Pro, Spondor, AWA Jeil, TOA.

BAKERLIGHTS

2 Ravenshaw Street,

Newcastle West, N.S.W. 2302
Tel: (049) 29 1102 Fax: (049) 29
1184

Stand Number: CC09

Company History: Bakerlights is the new trading name for Kupo Australia. We will still be supplying products manufactured by Moonlight Illuminator Co. of Taiwan such as par cans, multi pin connectors, cyc lights, pre-wired par bars and disco effects. At Entech we will be previewing the P.A. audio range of speakers, the Constella range of disco lighting, volcano mixers and amplifiers as well as a range of lighting and other stands. The Moonlight par can range is manufactured using a drawing press rather than the antiquated method of spinning, this means that the cans have a uniform thickness and strength previously not seen in par cans. On display will be the new 2.00mm par 64 can - the strongest and most rugged aluminium par can available.

Company Principals and Titles: Charles Baker - Director.

BLACK EXPRESS LIGHT AND SOUND

275 Homer Street
Earlwood, N.S.W. 2206
Tel: (02) 559 4363,
Fax (02) 558 4923
Stand Number: T28



Company History: Date established - 1983. Company is involved in Sales, Hire, Installations, Service of Professional Audio, Lighting & Laser equipment. Company also imports and distributes motorised lighting effects from Program System of Italy, NJD of the U.K and laser systems from Laser Science of the U.K. Also, dealers for Abstract, Auditec, Citronic, Clay Paky, Cloud, Coemar, Denon, Eminaar, Etone, Gemini, JEM, Martin, NuMark, Optikinetics, Phonic, Pioneer, Pulsar.

Company Principals and Titles: Con Andrews - Managing Director (At Entech), Angelo Andrews - Sales Manager (At Entech)

New Releases/Special Feature Products: Latest range of effects from NJD and Program System. Range of low cost lasers from

Laser Science. Award winning Datamoon by NJD and IQ250Mk3 Intelligent Light. Pioneer DJM 500 Mixer along with CDJ-500 Mk2 CD Player.

Products to be Exhibited: Audio - EHT, Processed speaker and amplification systems. Pioneer, DJM-500 profession DJ mixer. Pioneer, CDJ-500 Mk2 professional CD Player.

Lighting- NJD, IQ250 Mk3, Datamoon. Program System, Baby Star, Panic, Talisman, Multibeam Breaker, 1500 Watt strobe, Dynamic. Martin, 812 and 518 Intelligent Lights. Lasers - Triscan 5mw lasers, FX 15mw lasers, 3D-FX 52mw lasers.

BOSE AUSTRALIA,

1 Sorrell Street,
Parramatta, N.S.W. 2150
Tel: (02) 204 6111, Fax (02) 204
6122

Stand Numbers: U10

Company History : Bose Corporation was founded in 1964 by Dr. Amar G. Bose, professor of electrical engineering at the Massachusetts Institute of Technology. While doing graduate work at MIT in the 1950's he began a research project into psychoacoustics. His investigation

of the relationship between reproduced sound as perceived by people and sound as measured by electronic instruments led to the development of new audio technologies which he patented. MIT encouraged Dr. Bose to start his own company and create products based on his patents, which he has done with great success. Today, in addition to his position as chairman and technical director of Bose Corporation, Dr. Bose retains his MIT faculty appointment as Professor of Electrical Engineering and Computer Science. He teaches acoustics and supervises graduate and undergraduate thesis students. Sherwin Greenblatt, an MIT electrical engineering student with Dr. Bose in the early 1960's, was the company's first employee and is today company president. Bose loudspeakers are the best selling in the United States and throughout the world.

Company Principals and Titles

: Matthew Offord - General Manager, Glen Ashby - Financial Controller, Des Williamson - Pro Product Manager, Shane Spinks - NSW Territory Manager, Brian Chilcott and Julie Hunter - Technical Support group. (All will be present at Entech)

New Release/Special Feature

D.A.S

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STUDIO

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Products: Bose Australia offers Freespace Business Music Systems for small and large areas, including the new BMA125 Amplifier and Model 1800V Amplifier, as well as new Model 8, Model 25 and Model 32 Loudspeakers. Several new products from Crown include the IQ P.I.P. DP and Smartamp modules, which add some intelligence to Crown Amplifiers that accept P.I.P. Modules.

Products to be Exhibited : Julie Hunter will be giving Auditorer demonstrations. The Auditorer system demonstrates one of the most important technologies Bose has ever developed. The Auditorer Audio demonstrator lets you hear precisely your sound system before it's installed. Also Crown Microphones and amplifiers will be on display and the complete range of Bose Professional (Portable & Installed) Sound Systems.

BYTECRAFT PTY. LTD.

23 Fonceca street,
Mordialloc VIC 3195
Phone (03) 9587-2555, Fax (03) 9580-7690.

Stand Number: Q23

Company History Established in 1984, Bytecraft is a privately owned Australian company specialising in the design and manufacture of advanced lighting and stage automation systems for professional theatre, television and other entertainment applications.

Bytecraft now employs more than 100 specialists including electronic design and service engineers, industrial designers as well as production staff and administrative personnel.

The company's success has been the direct result of a commitment to a policy of quality and innovation which has seen Bytecraft products provide unrivalled performance and reliability in venues worldwide.

Company Principals and Titles

Stephen Found, Owner/Director (Present at Entech) Ted Fregon, Owner/Director (Present at Entech).



New Releases/Special Feature

Products New from Strand Lighting: Leko Zoom Ellipsoidal Profile redesigned to take high efficiency HX600 lamp, Bambino 650W 5" Fresnel. Hand Held Remote Control Riggers, SM100 Ethernet Network Node

Products to be exhibited:

Bytecraft Range of Professional dimmers including the Solution28, Solution5, Bytesize and TRV. Bytecraft Byteswitch and Status Motion Controller. Strand Lighting Desks - GSX, LBX, 430. Full range of Strand Lighting Theatre Lanterns. Strand Lighting/ Quartzcolor Studio and Location lanterns including 2.5k and 4 k PAR and 2.5k and 4k HMI, Videolux Fluorescent Softlights, ICON Automated Lanterns Photographs Please use a photo of a 430 desk (Feb 95 Issue)

CAPRINA

(Connetics Pty Ltd)

Unit 6, 198-222 Young Street
(PO Box 432) Waterloo NSW 2017
Telephone: (02) 318-1077, Fax: (02) 699-9325

Freecall 1 800 63 7272

Stand Number: R11

Australian Distributor for Caig Laboratories.

Company History: Caig Laboratories Inc has been manufacturing high-quality chemicals since its establishment in 1956. Companies worldwide and now in Australia, rely on CAIG Products for manufacturing, maintenance and service in the audio, computer, communications, TV and video industries.

For over 35 years CAIG offered the Cramolin product line (R5, B5, R100L & B100L) and they now offer a new and complete range of products. CAIG continues to expand their environmentally-safe product line to include aerosols, alternative solvents and convenient non-aerosol applicators. ProGold outperforms all other contact cleaners, enhancers and lubricants. ProGold is the only product that conditions & protects plated surfaces and their base metals.

DeoxIT is a fast-acting, deoxidising solution that cleans, preserves, lubricates and improves conductivity on all metal surfaces. This new formula contains improved deoxidisers,



preservatives, conductivity enhancers, anti-tarnishing compounds, arcing and RFI inhibitor and provides extended temperature range (-34°C to 200°C).

CAIG formulations are highly concentrated and require only small amounts, typically one quick spray or drop per application. New and advanced formulas found in ProGold, DeoxIT and PreservIT are one step treatments that provide economical, longer-lasting protection at a lower cost per application.

Company History: Robert Isman - Director (will be present at Entech'96), Harry Sussman - Director (will be present at Entech'96)

New Releases/Special Feature

Products: ProGold G5 and DeoxIT D5 Mini Spray - Convenient pocket-sized version of the G5 and D5 spray. Includes precision value and extension tube, 15 grams. CaiLube MCL - Moving Contact Lubricant- Precision lubricant for moving contacts. CaiKleen A/V - VTR/VCR Precision Cleaner Precision cleaning solvent for magnetic & optical read/write heads. Removes dirt, grease, nicotine, metallic oxides and tape residues from surfaces. Use on tape heads (magnetic & optical), digital tape decks, audio/video tape decks, VTR/VCR recorders. CaiKleen RBR - Rubber Cleaner & Rejuvenator - Precision cleaner for rubber rollers and platens, ideal for computers, printers, copiers and fax machines. Rejuvenates rubber and reduces misfeeds and jams! CircuitWriter Conductive Ink Precision Pen dispenser that allows the user to draw instant "traces" on most surfaces. CircuitSealer Conformal Coating - Precision Pen dispenser that allows the user to protect and insulate circuit "traces" and components.

Products to be Exhibited:

ProGold G100S - Concentrated spray with metered one-shot valve for the precise application of 100% ProGold. Environmentally-Safe, Non Toxic and Non-Flammable. DeoxIT D100S - Concentrated spray with metered one-shot valve for the precise application of 100% DeoxIT. Environmentally-Safe, Non Toxic and Non-Flammable. ProGold K-

G50W and DeoxIT K-D50W 100% concentrate Wipes Pro Audio/Video Maintenance Kit (K-PAV50) - ProGold (Spray, Wipes & Pen) OpticALL Spray, CaiKleen IPA (alcohol), lint free cloths, swabs & cleaning brushes.

Other: Products on

display include: PreservIT, OpticALL, DustALL, FreezALL, StaticALL, DegreasALL, ElectricALL and MechanicALL with names being product-to-application specific.

CENTRAL MUSICAL INSTRUMENTS PTY. LTD.

Unit 3, 13-21 Thomas Street,
Yarraville, VIC. 3013
Tel: (03) 9315 2244 Fax: (03) 9315 2115

Stand Number : V30

Company History: C.M.I. was established in 1977. It distributes a wide range of equipment for the installation and professional audio industries. Lines carried include Digitech multi-effects processors and harmonisers, DOD mixers, equalisers and processors, ROSS sound reinforcement and Eminence USA speakers.

Company Principals and Titles:

Managing Director - Drago Trojkovic (At Entech), Sales and Marketing Manager - Peter Shillito, NSW Sales Manager - Ted Dolken (At Entech), Product Specialist/ Technical Service Manager - Reuben Pinkster (At Entech)

New Releases/Special Feature

Products: Digitech "Studio Quad" 4 in/4 out multi-effects processor. Digitech "VTP-1" Dual Charvel tube preamp with parametric EQ and digital conversion. Digitech "RPM-1" Vacuum tube rotary speaker emulator. DOD "DR-410" PA/Monitor Processor. Ross "MTA-1200" Megatech digital audio amplifier. Ross "DPX Main frame" digital 30 band parametric equaliser. Eminence "PS Series" high power, high performance USA speakers.

CHAMELEON TOURING SYSTEMS

Unit 7/41-45 Bourke Road,
Alexandria, N.S.W. 2015
Tel: (02) 310 5222, Fax: (02) 310 5511

Stand Number: J35

Company History: Chameleon Touring Systems is a lighting rental/production company established in 1988. Chameleon supply lighting equipment to major theatre productions such as "Miss Saigon," "Hot Shoe Shuffle," "The Mikado" and "Secret Garden." On the production side Chameleon is a major supplier to many schools,

special event companies and corporate/business theatre production houses. Advanced Lighting Equipment, already a well known supplier to the industry was purchased by Chameleon in January, 1995. Able to produce all of your rigging requirements from bar hooks to winch-ups and large truss rigs, A.L.E. can manufacture any custom design that you have in mind for trussing, set pieces and many other applications.

Company Principals and Titles: Managing Director - Tony Davies, Operations Manager - Martin Rutter, Rentals Manager - Rob Nichols, A.L.E. - Rentals Manager - Wayne Haran, Production Managers - Scott Bason, Jamie Centofanti, Paul Cumming, Graham Walker. (All will be present at Entech '96)

New Releases/Feature

Products: Chameleon, an authorised Altman dealer will be showcasing Altman products at Entech '96. This includes the Altman T.V./Film luminaire range and the Shakespeare profile range of products. Other features include the Clay Paky Super Scan Zoom and Golden Scan III range.

Products Exhibited: Include all A.L.E. rigging and trussing products, the entire Altman range, Clay Paky Golden Scan III and Super Scan Zoom, as well as a wide variety of our current rental stock.



CLAY PAKY AND PULSAR

13-15 Bridge Street, Rydalmere NSW 2116, Phone (02) 898-1111, Fax (02) 898-1222.

Stand Number : H23

Company History: Clay Paky is universally regarded as the premier lighting company in the world. Attention to detail and superlative quality control ensure that Clay Paky lighting works perfectly day after day. With countless international awards to its name, Clay Paky continues to provide the very best - quality of performance and quality of construction. 1996 marks the 20th anniversary of the Italian manufacturer - quite a feat in the ever-changing entertainment lighting industry. Pulsar is also held in high esteem through both their international partnership Clay Paky (the UK manufacturer is responsible for the high quality, electronic components in Clay Paky lighting) and in their own right as manufacturer of their own range of control equipment and

accessories.

Principals and

Titles: Emmanuel Ziino, Managing Director (Clay Paky Australasia). Rod Salmon, Director (Clay Paky Australasia). Peter McKenzie (Clay Paky Australasia).

Enrico Caironi (Clay Paky, Italy). Andy Graves (Pulsar, UK).

New Releases/Special Feature

Products: First Australian preview of the award winning Golden Scan HPE. Official release of the Pulsar Playback unit. The affordable alternative to the Masterpiece 108, perfect for contractors. Launch of MEC Truss in Australia.

Products to be

Exhibited: Golden Scan HPE, Super Scan Zoom HMI 1200, Golden Scan 3, Miniscan 300HTI, Silverado, Combicolor and much more. Pulsar Masterpiece, Playback Unit, Datapaks, etc.

CLIFF ELECTRONICS (AUST.) PTY LTD.

P.O. Box 732, Fortitude Valley, QLD. 4006 Tel: (07) 3252 3178, Fax: (07) 3252 3165

Stand Numbers: W03

Company History: Cliff Electronics (Aust.) Pty Ltd. was set up in 1984 with the objective of importing and distributing the Cliff range of hardware from the U.K. Since then, the company's operations have expanded to distributing a wide range of hardware and test equipment, from other sources, to the entertainment and electronics industry.

Company Principals and Titles:

Paul Montague - Managing Director and Cameron Cross - Sales. Both will be present at



Entech.

Products to be Exhibited: CLIFF range of Control and Slider Knobs; Audio Jack Sockets and Plugs; XLR Connectors; Phono and Midi Connectors etc. Speaker box accessories e.g. corners, handles, carpet, grilles, 19" rack hardware e.g. panels, trays, vents. PENN Flight case hardware; extrusion, corners, catches, hinges, castors etc.

Other: Selected test equipment for the Audio Technician/Engineer.

Global Economy

Australia, Asia, Europe, North or South America. As long as you're somewhere on this particular planet, we can supply the staging, lighting and support systems. What you need, when you need it. With our high standards for quality, competitive pricing and on-time delivery, customers the world over think of us. Tomcat. The right equipment makes a world of difference.



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FAX 0011-1-915-689-3805



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The **Azden 31XT** converts **any** dynamic microphone with an XLR to wireless operation. Yes - you plug **YOUR** favourite mic into the neat transmitter (shown sitting above the receiver, below) - and **presto**.....
...Instant Wireless with the true sound of your mic!



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CMC MUSIC PTY. LTD.

Unit 33, Brookvale Business Centre, 9 Powells Road, Brookvale, N.S.W. 2100. Tel: (02) 9905 2511 Fax: (02) 9905 0189

Stand Numbers: T32

Company History: CMC Music was established in July '91 as exclusive Australian distributor for Phonic Sound Equipment. The company has grown very quickly as the Phonic range has expanded. Phonic enjoys a reputation world-wide as a high-profile product range, offering affordable, reliable equipment. In keeping with our history of distributing high-quality products, CMC Music has been named exclusive Australian distributor for Azden Wireless Microphone Systems and Video Microphone Systems. Azden is a highly respected Japanese company who are also the O.E.M. manufacturer for two of the most popular brands of wireless mics on the market. CMC Music is anticipating a very large growth period in 1996 through the release of excellent new products from both Phonic and Azden, some of which will be on show at Entech.

Company Principals and Titles: Pat Bonham - Managing Director, Carole Gallagher - General Manager, Bill Riley - Sales. (All will be present at Entech)

New Releases/Special Feature

Products: Phonic: New Power Amp Range, New Mixer Range, New Powered Mixer Range. Azden: New Wireless Microphone Systems, New Video Microphone Systems.

Products to be Exhibited:

Phonic Sound Equipment, Azden Wireless Mic Systems, Ernie Ball Speaker & Mic leads.

COEMAR DE SISTI AUSTRALIA PTY. LTD.

36A Clements Avenue, Bundoora, VIC. 3083. Tel: (03) 9467 8666 Fax: (03) 9467 8667

Stand Numbers: W32 and W35

Company History: The company was established in 1991 as an association between well known Australian lighting identity Peter Kemp and the Italian lighting manufacturers Coemar Spa. and

De Sisti Srl. It aims to service the Australasian region with a direct factory presence in the market place. CDA provide wholesale sales and back-up service to the region with retailers/dealers throughout Australasia.

New Releases/Special Feature

Products: A number of new products are due for release at Entech '96. Coemar: NAT MM (mirror movement) 1200 zoom, Microscan 3. De Sisti: Goya 1200 Discharge Broadlight, Rembrandt Piccolo 6K HMI, Renoir Tungsten 2K and 5K Shadowlight, Remington Piccolo 6K, Remington Piccolo 6K Par Discharge, De-Lux-6C Compact Fluorescent, De-Lux-2L Linear Fluorescent, De-Lux-4L Linear Fluorescent. Luxart: Microlux Lite (500), Microlux 2000. Doughty: Alpha, Stratos and Zenith winch-up stands. The first showing in Australia of the Doughty range. The Effects Company: Cyclone High Powered Smoke Machine. Starlite Systems: Stardraw 2D software; Stardraw software for the Mac.Reel EFX: DF-50 with DMX control, DAC fan.

Products to be Exhibited:

Coemar - complete NAT range, Microscan 3, Theatrical fixtures. De Sisti - range of Film and TV Luminaires. ShowCAD - Control Systems. TAS - Mini Ultrascan 2, Disco effects range. Microlux Design Software. Stardraw 2D and 3D Software. Crescit Design Suite Software. Doughty - Grip Equipment. Compulite - moving light and memory control desks. Blakes - Fireworks. Reel EFX - Diffusion Foggers. The Effects Company - complete range of smoke and effects equipment. Intel Control - Architectural Energy Management Systems. Claude Heintz Design - MacLux Pro design software.

CONNECTIONS MAGAZINE

PO Box 439, Epping NSW 2121, Phone (02) 876-3530, Fax (02) 876-5715

Stand number CC15

Company History: Formed in 1992 by Caroline & Julius Grafton, who have audio and lighting background. Owner/promoters of ENTECH.

Stand Features:

Full range of books, T Shirts and merchandise. Back issues of Connections and Sunscriptions. Come and see the Allan Sides Microphone Cabinet, a CD-ROM experience. Talk to the people at CONNECTIONS about your great story ideas, or just lodge your suggestions for

the magazine and/or ENTECH in the suggestion box. Drop by and see us!

DHA LIGHTING LTD.

284-302 Waterloo Road, London SE1 8RQ, England. Tel: (0171) 771 2900 Fax: (0171) 771 2901

Stand Number : T04

Company History: Originally formed in 1971 in order to support the needs of designers in both industrial and commercial theatre, DHA has expanded



rapidly, both in terms of its size and product range. Initially manufacturing gobos, custom and stock, DHA now produces a wide range of moving effects, glass gobos and the Digital Light Curtain. In-house etching has improved gobo turnaround with an overnight service soon to be available to most destinations. New products are currently in development. The current catalogue offers over 450 readily available designs with over 250 library designs obtainable within 3-4 days. All stock and custom gobos are made in a range of sizes to fit most mainstream theatre, film, TV and photographic lanterns but non-standard sizes or shapes can also be produced if required.

Company Principals and Titles: David Hersey - Chairman, Demetra Hersey - Director, Wyatt Enever - Managing Director, Diane Grant - General Manager (At Entech), Tad Trylski - Sales and Marketing (At Entech).

New Releases/Special Feature

Products: DHA will be demonstrating a 6 lamp pitching Digital Light Curtain and a 6 lamp non-pitching Digital Light Curtain. The Double Gobo Rotator will also be exhibited in conjunction with the new DMX DC Controller.

Products to be Exhibited: DHA will also exhibit custom and stock gobos and will have full product literature available. DHA personnel will be available throughout Entech to answer your questions and to demonstrate DHA products.

DIGITAL SOUND SYSTEMS (AUSTRALIA) PTY. LTD.

Level 1, 150 William Street, East Sydney, N.S.W., 2010 Tel: (02) 386 1043 Fax: (02) 369 1143

Stand Number: R12

Company Principals and Titles: R.J. Dowel (Managing Director), Alastair Reynolds - NSW State Sales Manager.

New Releases/Special Feature

Products: Klein + Hummel Active studio reference monitors. SPL EQ Magix Signal Processor. Feature latest version. MB Quart Headsets. Soundscape with Penny & Giles controller.

Products to be Exhibited:

Soundscape Digital Multitrack Hard Disk Recorder. Penny & Giles MM16 Digital Audio Workstation Controller. Penny & Giles Faders, MBHO Microphones, MB Quart Headphones, Headsets and loudspeakers. Klein + Hummel Active

Studio Reference Monitors. SPL Mike Pre Amps and Signal Processors. Reference cable. ADTEC CD-R/DAT Media.

DYNALITE

Unit 6/119 McEvoy Street, Alexandria, N.S.W. 2015 Tel: (02) 319 5055 Fax: (02) 319 4799 Email: 100405,320

Stand Number : Y23

Company History: Dyalnite have established themselves as Australia's leading manufacturer of Architectural Lighting Control Systems. At the last Entech show, Dyalnite was awarded for the Best Architectural Dimmer.

Company Principals and Titles: Managing Director - John Gunton, Marketing Manager - Guy Holden.

New Releases/Special Feature

Products: Dramatic new styling has been expanded to cater for an emerging new market in Home Theatre and "Smart Home" Systems. Dyalnite's roots are in the entertainment industry. Recognising this, Dyalnite is launching a new generation of Concert Production Dimmers, with a host of new features including: Remote status and fault monitoring; Front panel rigging control; Inbuilt chasers. An important feature of this is that it is fully compatible with Dyalnite Architectural dimming range and can operate under Architectural and DMX control simultaneously. **Products to be Exhibited:** At this year's show Dyalnite will be demonstrating their new "CE Range" of Lighting Control products.

DYNAMIC MUSIC

Cnr William & Short Street



Brookvale N.S.W. 2100
Tel: (02) 9939 1299
Fax: (02) 9938 2072

Stand Number : Y28

Company Principals and Titles:

Company representatives include: Greg McNamara, Justin Gleeson, Michael Hanlon and Dean Shelton. All will be present at Entech.

New Releases/Special Feature

Products: Dynamic Music will be concentrating on displaying products from the Yorkville Zoom and Oberheim ranges. A full range of Yorkville cabinets, Desks, Poweramps and Studio Monitors will be displayed. Zoom product displayed will be the higher end studio equipment such as the 9200 Reverb Processor. Oberheim will be displayed for the first time by Dynamic Music and will include the mother of all analogue synths, the OBMX. Other Oberheim modules and studio performance devices will be displayed. Call by and see the latest from Yorkville Zoom and Oberheim.

**EDWARD KELLER
AUSTRALIA PTY. LTD.**

3 Walker Street,
Braeside, VIC., 3195.
Tel: 1800 032984 Fax: (03) 9587
3324
Stand Number: X01

Company History: Fully owned subsidiary of Edward Keller Ltd., Zurich, Switzerland founded in 1887. A highly diverse multinational operating in Industrial, Graphics, Packaging, Medical, Textiles, Environmental, Electrical and Consumer products

New Releases/Special Feature

Products: Cables, connectors and wiring accessories for the Entertainment Industry. Wieland Bamberg Power Connectors; Titanex flexible rubber cables; Lapp flexible power and control cables; Amphenol Tuchel power and control connectors; Hensel electrical distribution enclosures; Edward Keller wiring accessories; Lapp cable wiring accessories.

Products to be Exhibited:

Wieland Multipole Connectors - 2 pack black version - quick termination system. Lapp - Power and Control Cabling Systems. Lapp - Cable Glanding Systems; Titanex - flexible Power and Control cabling.

**ELECTROSONIC
SYSTEMS**

12 Enterprise Court,
Mulgrave, VIC. 3170
Tel: (03) 9566 1900 Fax: (03)
9566 1966

Stand Number: X08

Company History: Electrosonic Systems (ES) was founded in

1980 and is now a trading entity of Evans Deakin Engineering (EDE), which is a wholly-owned subsidiary of Evans Deakin Industries Limited, an Australian public company. Electrosonic Systems specializes in the design, manufacture, importation and installation of audio, audio-visual, lighting control and environmental control systems for use within the communications field.

Company Principals and Titles:

David Mason - Nat. Manager, Electrosonic Systems (Aust) (At Entech), Keith Dale - Business Unit Manager, Celco (UK) (At Entech), Colin Whittaker - Sales Manager, Celco (UK), Stephen Bolton - State Manager, Electrosonic Systems (Vic) (At Entech). Ms. Claire Seeley - Marketing Manager, Electrosonic Systems, Tim Cunningham - Sales Manager, Electrosonic Systems.

New Releases/Special Feature

Products: New products to be released at Entech include the Electrosonic 2xView Videowall Display System. The Electrosonic 2xView is a self contained display that conveniently and efficiently houses the powerful Electrosonic Imagestar videowall processor. Each module combines two projection cubes, with the unique design allowing the upper projector to be nested above the lower projector. Suitable for

applications such as Sports Bars, Retail and other environments where space and accessibility is an issue, the 2xView professionally displays four separate individual pictures while allowing any one of them to be magnified. •Celco Lighting Desks - Aviator, Navigator, Pathfinder and Explorer. The Celco range of lighting control consoles are optimised for the control of both generic and intelligent lighting. The principal features are ease of use, flexibility of operation, reliability in harsh environment and longevity of service. The consoles are suitable for inclusion in specifications for Television, Theatre, Conference, Multi-purpose, Cruise Liners and Performing Arts. •Celco M9 DMX512 Video Controller. The Celco Video M9 is a totally new creative tool that offers the Lighting Designer access to a visual medium with many possibilities. It is therefore ideally suited to Concert, Show or Discotheque applications where controlled by a common DMX512 signal. In stand alone mode, the unit can automatically run shows, making it ideal for point-of-sale display applications.

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Performance Lighting

15 years of service in the Australian market has proven the reliability and quality of SELECON luminaires.

Today Selecon luminaires are used in most theatres, TV studios, Hotels, schools and theme parks throughout the country.

Selecon luminaires are available from the largest independent distributor network which covers Australia, ready to advise on your requirements, supply and maintain our full product range.



For further information and sample units to test, contact your distributor

NSW Herkes 02/3193133 - Hindata 018 969993 - Lots of Watts 02 6380302 - Premier 02 5609233 5th Coast Events NSW 015 666373

VIC Three Arts 03 98180397 - LSC 03 96615256 - CLS 03 96468444 - Clearlight 03 95531688 - Premier 03 96464522

QLD East Coast Lighting 07 2529583 - Laser 07 2362333 - Premier 07 2628366 Nth Qld Wild Gravity 077 213540 - Kennedy Services 079 573904

SA Ommonds 08 4101111 - GUVT 08 3401999 WA Stagecraft 09 2279000 - Ashtonis 09 478 3800 - Light Applications 09 2453343

TAS McCulloch Pty Hobart 002 286373 & Launceston 003 431034 ACT Sound Advise 06 2808777 NT Top End Sound 089 817744 - Integrated Media 089 411128

Or Selecon NZ Ltd 26 Putiki Street, Grey Lynn Auckland 09 3601718 fax 09 3601719

SELECON

ELSTA AUDIO

Easter Street
Leichhardt, N.S.W. 2040
Tel: (02) 568 2100 Fax: (02) 568 2300

Stand Number: Y30

Company History: ELSTA, Entertainment Lighting and Sound Technologies Australia. Specialising in the importation and distribution of HiTech Lighting and



Audio products. See ELSTA Audio products at Stand Y30 and Lighting products at Stand O28. In March this year, Ae Australia Pty Ltd and Lightsounds Pty Ltd wholesale division together with overseas interests, have merged to form ELSTA - Entertainment Lighting and Sound Technologies Australia. Key audio manufacturers currently represented include Lorantz loudspeakers of Australia, OMP amplifiers of the UK, Vestax of Japan and E-Systems Professional Technologies. The foundation of the group was in response to the need for distribution of exclusive affordable and innovative quality hi tech audio and lighting products. The enormous range of products ELSTA has on offer lends ELSTA to a one stop supplier for distributors in all sectors of the market. In blending the strengths of the respective companies, the group is in a position to accelerate improvements in available technology and distribution, which will in turn enable improved quality, service, lower prices and maximum product exposure. Elsta product range includes Professional CD players; microphones; low to high end Intelligent lighting; centre-pieces; analogue and DMX controllers; mixers; turntables; mobile disc jockey, nightclub, touring band, stage and theatre lighting.

Company Principals and Titles: Rick Chisholm - Managing Director - ELSTA, Andrew Boyden - Sales Director - ELSTA, Mauro Zoppini - Sales Director - F.A.L., Vladimir Solviev - President Universal Lighting, Ruslan Lazor - International Sales Manager - Universal Lighting, Simon Hammond - Managing Director - Meteor, Michael Barabasz - Managing Director - Lorantz. All will be present at Entech.

New Releases/Special Feature Products: All the products below will be released on Stand Y30. ESP Dual Pitch Control CD Player (worldwide release), ESP 4

Channel Sampling Mixer (worldwide release), ESP 4 Channel Disco Mixer (worldwide release), ESP 2 Channel Scratch Mixer (worldwide release), ESP Amplifier range (worldwide release), ESP Lorantz speaker range (worldwide release), ESP Lighting controller (worldwide release), Ecen Compact Wireless Microphones, Tenlux high quality microphones.

Other: Products to be exhibited on Stand Y30: Lighting stands and portable trussing systems; Lite Puter lighting controllers including dimming consoles, 12 channel touch panels, dimming packs, power packs and foot controller; OMP amplifiers.

ELSTA LIGHTING

Easter Street
Leichhardt, N.S.W. 2040
Tel: (02) 568 2100 Fax: (02) 568 2300

Stand Number: O28

Company History: Specialising in the importation and distribution of HiTech Lighting and Audio products. See ELSTA Audio Products at Stand Y30 and Lighting Products at Stand O28. Key lighting manufacturers represented by ELSTA are F.A.L. of Italy, Meteor Light and Sound Co. Inc. of the USA, UL (Universal Lighting) Co. Inc. of Russia, Light Emotion, Antari and Lite Puter. ELSTA will be releasing a host of new products at Entech this month. There will also be about half a dozen new products to feature world wide release on the ELSTA stands. One of the most exciting new releases is the Omni Midi cued DMX controller from Meteor. This user friendly single 19 inch rack mount controller will control the entire ELSTA Entech stand O28, together with Lite Puter DMX dimming and power packs. The highlights of stand O28 include a range of new F.A.L. lighting products such as the 2500 watt skytracker, followspots, HMI 1200 intelligent projectors and centrepieces.

Company Principals and Titles: Rick Chisholm - Managing Director - ELSTA, Andrew Boyden - Sales Director - ELSTA, Mauro Zoppini - Sales Director - F.A.L., Vladimir Solviev - President Universal Lighting, Ruslan Lazor - International Sales Manager - Universal Lighting, Simon Hammond - Managing Director - Meteor, Michael Barabasz - Managing Director - Lorantz. All will be present at Entech.

New Release/Special Feature Products: All the products below

will be released on stand O28. F.A.L. Proscan 2 HMI 1200. The F.A.L. flagship; 58 colours, 255 gobo combinations, Rotating gobos, 5 rotating prisms; F.A.L. Scan 575 HMI575; F.A.L. Mini Octopus Centrepiece CID 300 lamp; F.A.L. Enigma Centrepiece; F.A.L. C omet 2500 space cannon; F.A.L. Professional Followspot HMI575; Meteor "Omni" 256 Channel DMX Controller; Meteor Probeam; Universal Lighting Intelligent Motor Head (worldwide release); Universal Lighting Probeam; Light Emotion Intelligent Technoscan Controller; Light Emotion Haze Maker; Nike Star Centrepiece; Lite Puter DMX Lighting Control Packs. **Other:** F.A.L. Intelligent Roulettes and Italscans; Full range of Light Emotion lighting effects; smoke machines; high powered strobes; Lite Puter lighting controllers including dimming consoles; 12 channel touch panels; dimming packs; power packs and foot controller.

FEDERATION OF COMMUNICATION USERS AND SUPPLIERS (FOCUS)

P.O. Box 447,
Cremorne, N.S.W., 2090.
Tel: (02) 9953 6768 Fax: (02) 9953 4234

Pavilion Stand

Company History: FOCUS is an industry association committed to the unique activity of creating meetings and presentations. We "focus" on no one delivery medium, rather on the end result - creatively communicating the message via a range of presentation techniques. No other organisation has this focus! FOCUS members use a growing variety of media to reach an audience. Audio-visuals, special events, conferences, printed material, environments, videos, interactive multimedia presentations, live performances, theatrical staging, speaker support, game shows and road shows are just some of them! Contact Executive Director, Sharon Cartwright on (02) 9953 6768 for further information.

FENDER AUSTRALIA PTY LTD.

3 Sir Joseph Banks Street,
Botany, N.S.W. 2019
Tel : (02) 666 5077, Fax: (02) 316 7475

Stand Number: R15

Company History: 50th Anniversary of Fender Musical Instruments. A major force in the

Musical Instruments market now diversifying into the Pro Audio market with new, exciting and innovative products.

Company Principals and Titles: Margaret O'Loughlin - Managing Director, Glyn Mason - Sales Manager, David O'Loughlin - Director (At Entech), Grant Cardwell - Sales Representative (At Entech)

New Releases/Special Feature

Products: New range of lightweight, high power amplifier, for studio or live applications. Innovative and individual PX series of powered mixers housed in its own roadcase with loads of built-in features. Four series speakers with flying capabilities.

Products to be Exhibited: Tour Series speakers, SPL Series speakers, Artist series speakers, MX Series desks, PX Series powered desks, SR Series powered mixer heads, SPL Series power amps.

GEMINI LYTEQUEST AUSTRALIA

Factory 20, Cave Hill Industrial Gardens, Cave Hill Rd., Lilydale, VIC. 3140.
Tel: (03) 9735 0588 Fax: (03) 9739 5441

Stand Number: W30

Company History: Gemini Lytequest Australia supplies and supports a dealer network in all states, with affordable and reliable audio and lighting equipment from



the high profile and internationally renown "Gemini/Lytequest" of the U.S.A. Exciting growth for the company and its dealers is foreseen through continual R & D and the release of new products.

Company Principals and Titles: Ian Bultitude, D. Marano, Archie Kamakaris, Rob Miravet and Steve Schiffman (International Manager from Gemini/Lytequest of the U.S.A.) All will be present at Entech.

New Releases/Special Feature

Products: New pitch control CD9500 twin professional CD player; new Platinum series mixers - 7 models; new KM707 digital processed karaoke mixer; new range of XG series amplifiers; new DMX controllable "spider" (centre piece light).

Products to be Exhibited: Gemini/Lytequest : Professional

disco mixers; professional twin CD players; digital samplers; graphic equalizers; pitch control turntables; speakers; push up stands; power amplifiers; light modules; wireless microphone systems; DJ disco effects, strobes; smoke machines.

Other: Dynamite Products: Par cans, pinspots, scanners, helicopters, smoke fluids.

GENI

13-15 Bridge Street, Rydalmere NSW 2116, Phone : (02) 898-1111, Fax : (02) 898-1222.

Stand Number: 035

Company History: GENI offer an extensive range of unique lighting effects and strobes. A smart choice of low-cost, but powerful lamps, rich dichroic filters and accurate sound animation are all features of the GENI range. GENI fixtures are housed in attractive aluminium cases that are built to last.

Principals and Titles: Emmanuel Ziino, Managing Director (Show Technology Australia Pty Ltd). Rod Salmon, Director (Show Technology Australia Pty Ltd). M J Chung (GENI, Taiwan). Douglas Nelson (GENI, Taiwan).

New Releases/Special Feature Products: Cirrius and Nimbus - the new halogen lamp based



scanner, Stratus - new MSD 200 based scanner, Evolution 5.

Products to be Exhibited: Cirrius S, Wild Blaze, Evolution, XTC, Radiance, Brilliance and full range of GENI products.

GLANTRE ENGINEERING

20 Richfield Avenue, Reading RG18EQ, UK
Phone +44 1734 640-000, Fax +44 1734 640-064.
Australia: PO Box 587, Kew VIC 3101.

Phone (018) 320-269, Fax (03) 9882-1439.

Stand Number : Z25

Company History: Glantre Engineering has been providing design, supply and installation packages of lighting, sound, rigging, AV and effects for entertainment and presentation for 22 years. The company's wide range of projects include numerous theatres, halls, television studios, theme parks, cruise ships, conference and

presentation rooms. With a head office in the United Kingdom, the company operates worldwide and has successfully completed contracts in 30 countries.

Glantre Engineering Pty, the Group's Australian

subsidiary, was responsible for the basic rigging, lighting and audio installation at the Capitol Theatre, Sydney which was re-opened last year. As well as complete integrated projects, Glantre's Australian operation has a particular specialisation in lifts and understage machinery.



Company Principals and Titles: Managing Director - Derek Gilbert, Projects Manager - Matthew Tonks, General Manager, Australia - Henry Lewis. All will be

present at Entech.

New Releases/Special Feature

Products : Glantre will be demonstrating a fully working version of the unique and revolutionary Spiralift device from Paco Corporation, Canada. This provides a cost effective solution for many stage lifting applications and is particularly suitable for retrofitting into existing orchestra pits.

Glantre and Paco personnel will be on hand at Entech to discuss potential applications of the Spiralift as well as Glantre's full project capabilities.

GREATER UNION VILLAGE TECHNOLOGY

SYDNEY Head Office
19-25 Marsden St
Camperdown NSW 2050
Ph: 02 550 5488,
Fax: 02 517 1946

ADELAIDE 21 Manton St
Hindmarsh SA 5007
Ph: 08 340 1999,
Fax: 08 340 1980

MELBOURNE 26 Hall St
East Hawthorn VIC 3123. Ph: 03 9822 3386, Fax: 03 9822 9519

PERTH 100B Burwood Rd
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Ph: 09 362 2627,
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COUNTRYMAN

CREST CONSOLES

EAW

Entech STAND T35

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Quam-Nichols Company



SYDNEY

Suite 406, 220 Pacific Hwy., Crows Nest, NSW 2065 Ph: (02) 9954 5100 Fax: (02) 9954 4927

MELBOURNE

6-8 Elizabeth St., Richmond, VIC. 3121 Ph: (03) 9415 1585 Fax: (03) 9415 1595

Ph: 07 3358 5022
Fax: 07 3358 4969

AUCKLAND

Unit J 665 Gt South Rd
Penrose Auckland New Zealand
Ph: +64 9 579 4082,
Fax: +64 9 579 4084

SINGAPORE

9 Howard Rd,
#05-00 Tat Hong Ind. Bldg,
Singapore 369 581
Ph: +65 289 4447,
Fax: +65 289 1583

Stand Number : L28

Company History :

GUVT is a joint venture between Greater Union and Village Roadshow. The history of the Greater Union Group dates back to 1910 whilst Village Roadshow history can be traced back to 1954. Each GUVT joint venture partner for many years had separate operating divisions primarily concerned with cinema equipment supply, installation and servicing.

In 1986 Village Theatre Supplies became Village Roadshow Technology building upon a solid base and diversifying into the importation, distribution and installation of both overseas and locally manufactured professional lighting, audio and video products. Late in 1989 VRT and Greater Union Theatre Supplies amalgamated to form GUVT as it is known today.

GUVT specialises in consultancy, design, supply, installation and service in the following areas namely:- Cinema, Audio, Theatrical Lighting, Special Effects Lighting, Audio Visual & Video Conferencing
GUVT has offices in each state with overseas offices in New Zealand and Singapore.

As new technological trends emerge, GUVT will continue to lead the way in supply and servicing the Entertainment and Leisure industries with product excellence and unparalleled technical support.

Company Principals and Titles:

GUVT :Russell Scott - General Manager, Peter Williams - Senior Engineer, Noel Bourne - National Product Manager Special Effect Lighting, Pat Tapper - National Product Manager Pro Audio, Paul Beck - National Product Manager Theatrical Lighting, Alan Dark - Branch Manager (NSW), Pru Flatman - Branch Manager (VIC), Daniel Holdforth - Branch Manager (WA), Noel Bourne - Branch Manager (QLD), Pat Tapper - Branch Manager (SA), ITT :Benjamin Ng - Branch Manager (Singapore), HIGH END SYSTEMS :John Adams (HES - Singapore) WILD FIRE INC. (USA) : Richard Green (President) CITRIONIC (UK) :Tony Allen (International Sales)

New Releases/Special Feature

Products : Studio Color™

Automated wash fixture will have its Australian debut showing along with High End Systems full product line.
SM450 MK2 Remix mixing desk, Predator DJ Remix desk, and CD250 Dual CD player and Controller will feature along with the full range of Citronic™ Pro Audio and Video products.
Wildfire Inc. will exhibit their range of long throw UV fixtures including new WF-401 Flood fixture, paints, plastics and make ups.
Anytronics (UK) lighting control, switching and dimming products will be exhibited.
Caterpillar manufactured by Lighting Technology (UK) will be exhibited.

HERKES/SELECON

Unit 7, 890 Bourke St
Waterloo NSW 2017
Phone (02) 319-3133, Fax (02) 699-1319.

Stand Number : 031

Company History: Herkes Electrical Supplies has been supplying the Sydney theatrical market for over 40 years. Since 1987 it has expanded its range of services beyond lamps, cables and other electrical lines to include luminaires, filters, tapes, dimmers, control desks, rigging and over 11,000 inventory lines of commercial electrical and performance lighting products. In the same period Herkes has grown from its original home in Alberta St Surry Hills through two warehouses on its way to its present 7000 square ft presence on Bourke St Waterloo.
Herkes unique approach to stocking and supply make it the only one stop shop for lighting professionals from film, stage, studio and architectural disciplines. As a member of the Australia wide Gemcell group Herkes supports a national distribution network delivering its products at the best possible price to customers throughout Australia.

Company Principals and Titles:

Managing Director: Garth Tanswell. Pro Lighting Manager: Wayne Kellett. Pro Lighting Sales: Tim Kennard/Alfred De Abreu (All present at Entech '96)

New Releases/Special Feature

Products : * Selecon's new Cyc range Theatrical and Display Luminaires in addition to the complete Selecon range. * L.S.C. Control Systems featuring LSC's DMX distribution products * POWERLOCK single phase connectors * Pro-colour filters * Rainbows new 2/16 and 4" Colour scroller systems.

Products to be Exhibited:

* Selecon Luminaires * Lee, Rosco

& Pro Colour Filters* LSC Dimmers & Control Desks* Powerlock Connector Systems* Rainbow colour scroller range* + the latest from Wieland, Titanex, Philips, GE, JEM and access to the Herkes Inventory computer giving immediate price and availability on over 11,000 inventory items from Herkes Waterloo warehouses. See our ad for Entech show specials.

HORWOOD AUSTRALIA PTY. LTD.

12 Barry Avenue
Mortdale, N.S.W. 2223
Tel: (02) 585 1011 Fax: (02) 585 1317

Stand Number : S37

Company History: Horwood Australia Pty. Ltd. was established to service the areas of Contracting and Professional Audio. Along with the Australian industry, Horwood Australia also represents several U.S. manufacturers in Asia and the Pacific Rim.

Company Principals and Titles:

Ian Woodhouse - Managing Director, Brad Smith - General Manager, Cameron Dunn - Sales Co-ordinator. All will be present at Entech.

New Releases/Special Feature

Products: Horwood Australia will release the new range of Klipsch professional loudspeakers for the Australian and Asian markets. Other new releases include the Atlas/Soundolier 4" Strategy series loudspeakers, the Pro-Co Multicore range and the new Furman AR2330 30-amp AC line voltage regulator.

Products to be Exhibited:

Astatic Microphones, Atlas/Soundolier, Canon Audio, EMS Modular Rack Systems, Furman Sound, KDM Electronics, Klipsch Professional, Omnimount Brackets, ProCo, Rockustics, Rolls Corporation and White Instruments

INTEGRA SYSTEMS PTY. LTD.

10 Wattle Road,
Hawthorn, VIC., 3122.
(03) 9818 2256, Mobile: 0411 414 306 Email:
u3930797@scrooge.ee.swim.oz.au

Stand Number : R10

Company History:

Integra Systems offer engineering skills directed to the development of software and hardware systems for the arts and entertainment industry. Integra Systems' aim is to produce high quality designs which integrate state of the

art technology with practical, efficient operational interface methods.

AcoustiSearch (Co-Exhibiting). Acoustisearch aims to provide leading edge products and services to the professional audio industry.

Company Principals and Titles:

Integra Systems : Peter Holmes - Director/Design & Engineering, Kerry Saxby - Director.

Acoustisearch: Graham Thirkell - Managing Director, Katherine Thirkell - General Manager.

New Releases/Special Feature

Products: Integra Systems: The Fadepro Interactive Theatre Automation System demonstrates the potential of the Integra Systems' development team. The Fadepro system software has been designed specifically for the requirements of live theatre, incorporating a theatrical scene management system combined with a fully automated audio mixing/distribution matrix. The combination of an intuitive interface design and instant program response result in a system which dramatically reduces theatre plotting times, while producing complex repeatable effects.

Acoustisearch : Bag End full time-aligned speaker systems, including extended low-frequency systems for extra impact and sound reinforcement. Jensen ISOMAX ground isolation interfaces and transformers.

Products to be Exhibited:

Integra Systems: Fadepro Interactive Theatre Automation System, Lake DSP Convolution Processor, SoftCue cue/light system. **Acoustisearch:** Bag End speakers, Jensen transformers, Acoustic modules.

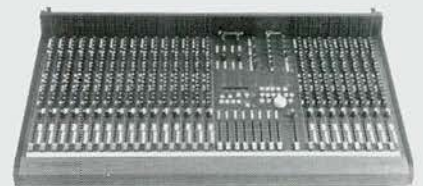
JANDS ELECTRONICS PTY. LTD.

516 Princes Highway,
St. Peters NSW 2044
Phone (02) 516-3622, Fax (02) 517-1045

Stand Numbers :

J21, K21, L21, M21, L23

Company History : Established in Sydney late in 1970, Jands Electronics is now celebrating its 25th year as Australia's foremost manufacturer and distributor of professional lighting control,



staging and audio products. The company manufactures the Jands range of lighting control consoles which are exported throughout the world; is the largest Australian supplier of professional stage equipment to the theatre and cinema industry with a complete range of professional stage equipment including fabric, drapes, screens, tracking systems and stage machinery; and is the exclusive Australian distributor of leading brands of audio and lighting equipment including Shure Bros, JBL Professional, ETC, dbx, Crest, Rane, Soundcraft, Spirit and Lycian.

Company Principals and Titles: Paul Mulholland - Director (present), Robert Young - Managing Director, Peter Grisard - Engineering & Marketing Director (present), Jeff Bolt - National Sales Manager (present).

New Releases/Special Feature Products : Jands fabric. ETC Express. Shure Beta. Shure UHF Wireless. Soundcraft Ghost.

Products to be Exhibited : Crest CKS/CKV Power Processing System. dbx 1034. dbx 1046. dbx 1066. ETC Obsession ML. ETC Sensor. ETC Unison. ETC Source 4 PAR. ETC Source 4 Ellipsoid. JBL EON portable PA systems. JBL SMARTT software.

Spirit 8. Wholehog II WYSIWYG software

JEM SMOKE MACHINE CO. LTD.

13-15 Bridge Street, Rydalmere NSW 2116, Phone (02) 898-1111, Fax (02) 898-1222.

Stand Number : U08

Company History : JEM is undoubtedly Australia's top-selling brand of smoke machine. Since 1982 more JEM machines have been sold than any other machine. Over this long period, JEM machines have become known for their reliability. JEM was the first smoke machine manufacturer to offer a 5 year warranty, which covers all JEM machines.

Company Principals and Titles



: Emmanuel Ziino, Managing Director (Show Technology Australia Pty Ltd). Rod Salmon, Director (Show Technology Australia Pty Ltd). Jon Petts (JEM, UK)

New Releases/Special Feature Products : The long awaited, official release of the HOT Technology haze machine. Release of the high-powered ZR31E

Products to be Exhibited : JEM Showfogger, JEM Fogger MK3, JEM ZR 41E, JEM Club 20, JEM Roadie, JEM Heavy Fog 1500.

KODAK AUSTRALASIA

P.O. Box 10, North Ryde, N.S.W., 2113 Tel: (02) 870 4370 Fax: (02) 870 4545

Stand AA03

Products to be Exhibited: Kodak Australasia will present slide projection systems plus digital cameras and Photo CD. Slide projectors play an increasing role in the entertainment industry for display and effect lighting. Digital cameras and Photo CD are invaluable tools for the industry in venue evaluation, project

management, customer support and documentation.

KUPO

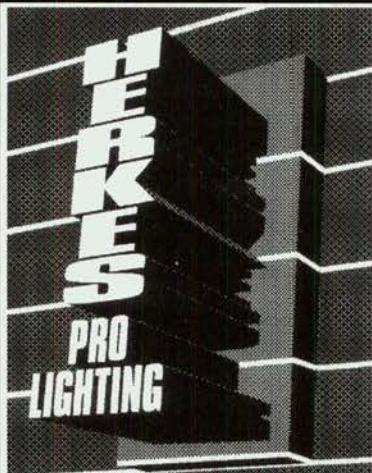
13-15 Bridge Street, Rydalmere NSW 2116, Phone (02) 898-1111, Fax (02) 898-1222.



Stand Number : X05

Company History : KUPO Par Cans have become Australia's industry standard. Professional users can testify that for rugged work like touring or precision application like theatre, or even display lighting, the KUPO range is head and shoulders above the rest. The KUPO range offered by Show Technology is the true "pro" range. With 1.5mm aluminium, aircraft grade rivets, rolled lip on focus hole, locking device on yolk and 4 gel clips they are undisputed as the top-of-the line Par Can.

Company Principals and Titles



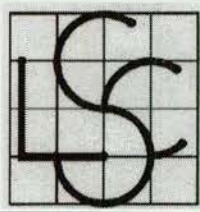
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Ph. 02 319 3133
Fax. 02 699 1319

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* PAR64 MFL/NSP/WFL LAMPS	\$ 54.90 INC TAX
* PAR56 MFL/NSP/WFL LAMPS	\$ 24.25 INC TAX
* SELECON 'S NEW CYC500 EXC LAMP	\$ 175.00 INC TAX
* SELECON 4 WAY CYC BATTEN	\$ 640.00 INC TAX
* T27 LAMPS 650W	\$ 28.50 INC TAX
* T29 LAMPS 1200W	\$ 56.35 INC TAX
* MANFROTTO 126 U HEAVY DUTY STANDS	\$ 235.00 INC TAX
* NASHUA 357 GAFFA TAPE 50MM PER CTN	\$ 310.00 INC TAX

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PLUS SEE THE LATEST FROM RAINBOW, ROSCO, POWERLOCK, TITANEX& MORE OVER 11,000 INVENTORY LINES



: Emmanuel Ziino, Managing Director (Show Technology Australia Pty Ltd). Rod Salmon, Director (Show Technology Australia Pty Ltd). Maico Chang (KUPO, Taiwan). James Yeh (KUPO, Taiwan).

New Releases/Special Feature

Products : New range of DWE Spot Banks and MR16 Mini Strips.

Products to be Exhibited : Full range of Par Cans, Rigging, Audience Blinders and Spot Banks.

L.S.C. ELECTRONICS PTY LTD.

7 University Place
Clayton, VIC. 3168,
Tel: (03) 9561 5255, Fax : (03) 9561 5277

Stand Numbers : AA06 & Z05

Company History: Commenced operations in 1979, LSC quickly established itself as an innovative designer and manufacturer of lighting control equipment. It now exports to over 25 countries and is presently expanding its product range to cater to the modern demands of intelligent lighting. LSC now imports high quality brands of complementary products to its manufactured goods enabling a greater customer satisfaction.

Company Principals and Titles:

Gary Pritchard - Managing Director, Alan Graham - General Manager, Dean McFadden - National Sales Manager. All will be present at Entech.

New Releases/Special Feature

Products: New products to be released by LSC at Entech - Axiom 48 Lighting Control Desk, Avid Architectural Controllers, Wallpak Dimmer with circuit breakers, Pearl & Sapphire Lighting Control Desks from Avolites, Masterlite folding truss from Litestructures.

The 'Key' truss interlocking system from Litestructures. Professional smoke machines from Smoke Factory. Plastic par cans from Unipar.

Products to be Exhibited:

AXIOM 48/96. The Axiom 48/96 is based on the award winning range of AXIOM consoles and offers the following advanced features: - 16 submasters with LCD's (48 selectable banks) - 4 x 512 channel softpatches - VGA Video driver (standard) - 3 1/2" Floppy disk drive (standard) - 2 desk lights (standard) - 816 chases - 48 stacks - 768 (48 x 16) softmasters - 4096 memories - plus much more. WALLPAK DIMMERS - The already successful Wallpak Dimmer has now been enhanced with the addition of circuit breakers and double outlets for each channel. AVID ARCHITECTURAL LIGHTING CONTROLLER - The AVID is an

architectural lighting controller designed to suit a variety of installations. As the unit is software based, options and capabilities can be selected to suit the particular installation's requirements. The full range of remote plates and accessories will be on display.

LITESTRUCTURES - LSC Electronic's stand at Entech will be constructed entirely from Litestructure's trussing. We will also have the new folding truss and "key" truss locking systems on display. Two representatives from Litestructures will be on hand to assist with any related questions. AVOLITES - For the first time, on public display, in Australia will be the PEARL and SAPPHIRE from AVOLITES. AVOLITES are world renowned for their touring consoles and will have two representatives on hand to demonstrate the revolutionary 4DTRACK. By using a Graphics Tablet as the user interface, 4DTRACK allows operators to position and programme intelligent fixtures in a fraction of the time taken by conventional systems. The 4D TRACK also allows real time tracking (Followspot of fixtures). DMX512 distribution equipment; SMOKE FACTORY fog generators and hazers.

Other: LSC will also run a series of product specific seminars during Entech. Contact LSC for more details.

LIGHTING & SOUND INTERNATIONAL,

7 Highlight House,
St. Leonards Road, Eastbourne,
East Sussex, BN21 3UH, United Kingdom.

Tel: +44 1323 642639, Fax:

+44 1323 646905, Email:

info@plasa.org.uk

Internet: [http://](http://www.plasa.org.uk/)

www.plasa.org.uk/plasa

Stand Number : U05

Company History: In November last year, Lighting+Sound International marked its tenth anniversary issue with a look-back over the events and issues that shaped the decade. Since it started in 1985, L+SI has been at the cutting edge of developments within the industry and has gained respect the world over for its in-depth new coverage, well written articles and fully researched product profiles. With a readership of over 8,500 key personnel in over 75 countries, L+SI is essential reading for anyone who wants to know the lighting and sound industry. PLASA's publishing division is responsible for two of the leading magazines in the industry; Lighting+Sound International is respected the

world over for its professional editorial focus on the products, people, venues, events and issues that dominate the industry. Sound+Communication Systems International was purchased by PLASA in April last year and has recently been relaunched to offer the same incisive commentary on the multi-media and presentation technology markets. The publishing division is also responsible for PLASA's annual Industry Yearbook, the PLASA Show Catalogue and Daily, the Technical Book Service and production of the association's Membership and Standards Newsletters.

Company Principals and Titles:

John Offord - Editor; Ruth Rossington - Assistant Editor. Both will be present at Entech.

LIGHTING TECHNOLOGY

2 Tudor Estate,
Abbey Road, Park Royal
London NW10 7UY, England.
Tel: 0181 965 6800, Fax: 0181 965 0980

Stand Number : U04

Company History: Established in 1980. Objectives: To supply consumables and hardware to the Lighting and Entertainment Industry worldwide.

Company Principals and Titles:

David Morgan - Joint Managing Director, Bev Bigham, Joint Managing Director, Garry Nelsson - Export Sales Director, Jack Exell - Executive Director (At Entech), Philip Norfolk - Technical Sales (At Entech)

Products to be Exhibited:

Lighting Technology will be exhibiting Limelight, a new versatile and powerful generation of 2Kw Xenon followspots. With many features to make it a world beating product, if you are looking for a new followspot we are confident this will satisfy all your demands. Also on show will be the Floppy Disc, a six colour effects wheel and colour changer, designed to fit the 650W and PAR36 luminaire and is available both as an analogue as well as a DMX version. The world famous electronic Flicker Candle will be on show in all its forms from the basic module to the "Phantom of the Opera" stem used in productions around the world.

LIGHTMOVES TECHNOLOGIES (NSW) PTY LIMITED

631 Parramatta Rd,
Leichhardt NSW 2040
Phone (02) 560-0000, Fax (02) 568-2333.

Stand Number : G31

Company History : The Company's focus is supplying the

most appropriate and cost effective solutions in entertainment and lighting technology to the Australian hospitality, leisure and entertainment industries. This is delivered through a comprehensive range of products and services at all levels of the Australian market. Company facilities include: Trade Sales Counter, Fully operational Showroom, Rental Inventory, Import and distribution, Design & Construct services, Installation and Contract Maintenance, Field & Bench Service. The Company is active in NSW through its Leichhardt office in inner-western Sydney, and is represented throughout Australia with a network of stockists and resellers.

Company Principals and Titles:

Staff available on our stand will include: Jonathan Ciddor, Managing Director; Paul Owen, Sales Director; Merrick Bakels Installation and Service Director; David Felger Project Sales; Peter Mead Trade Counter; Matt Donovan Professional Sales; David Robinson, Hire Manager.

Internationals: We are pleased to have in attendance on our stand: Cloud Electronics: Roy Millington, Managing Director; Le Maitre: Rick Wilson, Sales Director; Optikinetics: Neil Rice, Export Sales Director; Teatro: Mike Lowe, Managing Director; Theatrelight: Stephen Pryor, Sales Manager.

Products to be Exhibited :

Optikinetics. The Australasian release of the dramatic new range of projectors. The K series of projectors offer a variety of light sources in a well cooled and stylish housing: K1 - A replacement for the tried and proven Solar 250 with all its effects and accessories. K2 - Punch you must see to understand. Using the 200MSD, 2000hour lamp. K4 - A more compact version of the Solar 575 and utilising a range of lenses from 25 mm to 300 mm.

Club Strobeflower - As seen at most of the BIG dance parties in the last 18 months, one of the biggest lighting effects in years. Black Box DMX Solutions: A range of DMX 512 tools, interfaces and hardware solutions including: DMX Tester, DMX Terminator, DMX to Audio Encoder/Decoder, DMX to Analogue Converters, DMX Dongle, Grand Master (PC based virtual lighting control solution operating under Windows 95 in conjunction with DMX Dongle), DMX Inject: Single line intelligent DMX input/output plates, DMX Port Dual output port for DMX installations, Micro-Scope A small, hand held DMX testing and analysis tool. Teatro. Colour Box 2. A totally new concept in colour change.



are the new flagships of the Theatrelight Lighting console range. For the first time anywhere the VGA colour display will be shown at Entech '96. In the Cuemaster Plus configuration see the unique DMX mixing facility and separate back-up display. Scenemaster 3 is the latest model in entry level DMX memory consoles. DMX Link :facilitates DMX mixing, back-up, scene storage and VDU in a stand alone system. Cloud Electronics CX-A6 CX 233 & CX122 The Cloud Mixer/ Zoner range

Tel: (02) 638 03C2
Fax: (02) 638 0331

Pavilion Stand

Company History: Lots of Watts is a professional Sound and Lighting company involved in Sales, Hire and Production operating from an 800m² factory in Rydalmere that includes a showroom. We operate drive-way hire as well as full production services. With a solid background supplying lighting systems for Pub bands, Lots of Watts has been supplying lighting and sound for all occasions. We have the ability to meet our customers high expectations at a price within their budget. Our equipment is well maintained featuring a large range of Clay Paky and Studio Due intelligent lights. Contacts: Philby - Hire, Production - Wayne, Sound Sales - Carey, Lighting Sales. (02) 638 0302.

MAGNA SYSTEMS & ENGINEERING

7 Gibbes Street
Chatswood N.S.W. 2067
Tel: (02) 417 1111 Fax: (02) 417 2394
Stand Number : AA05
Company History: The Magna Systems Group have been distributing the Inkel PA range of product throughout Australia and New Zealand for well over a

decade. Inkel is now the major manufacturer of quality commercial and professional sound products in Korea. Inkel manufacture a vast range of OEM products for many of the industry's major brands, such as Yamaha, Electro Voice, Samson. They are just a few of the industry leaders who rely on the manufacturing quality of Inkel to produce their equipment. Recently the Inkel Corporation changed its name to Intern Corporation. This is a name change only. Other smaller divisions of the old Inkel Corporation were sold off to make way for improvements in Inkel's strongest area. Their PA manufacturing division is their strength. The recent growth over the past few years and the construction and expansion of this successful manufacturing division is proof of their success. This new name change will be seen on the Australian market some time late this year. See our range of Inkel PA Commercial and Professional products on display at the Magna Systems stand.
New Releases/Special Feature Products: As of April 1996, Magna Systems will be the Australian Agents for the D.A.S. range of professional loudspeakers. D.A.S. is an internationally renowned manufacturer of high

Strobo 1500, DMX Strobe. Altman Shakespeare Profile Spots. Fitted with a new 600 watt axial lamp the fitting has an output comparable to existing 1200 watt luminaires. Le Maitre G300 dual function G300 Hazing /Smoke machine. Aroma Therapy, a range of 100% Natural Essential Oils Pyrotechnics: new products include Silver Fountains, 4 oz and 8oz Gerbs, 3 metre & 5 metre Gold Glitter Mines, Gold Fire Curtain, Red Fire Curtain, Flame projectors and Air Bursts. Theatrelight Cuemaster, Cuemaster and Cuemaster Plus

of products. Littlite. The Littlite range of professional task lighting will be displayed. Dynalite, Performer Digital Dimmer. Dimming 12 Channels, each 10 amps per channel, the Performer features current State of the Art dimming technology. Hand Held Pyrotechnics- made famous in Phantom and extremely popular with Magicians and Corporate Presenters, our range of Flash effects will be demoeed.

LOTS OF WATTS
1 Mary Parade,
Rydalmere N.S.W. 2116

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**LOGO AND EFFECTS PROJECTORS
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quality loudspeakers since 1970. With improvements and updating of product D.A.S. has now come up with a product of the highest quality in sound, power handling, aesthetics and reliability. These features are combined in our current D.A.S. range. The D.A.S. Factor Series, 5, 8, 12, 2-way systems and the M.I. 12 & 8 Series plus the SUB18 18" Sub-Bass Unit are all on display at the Magna Systems stand.

MARK IV AUDIO (AUST.) PTY. LTD.

Unit 24, Slough Business Park, Slough Road, Silverwater, N.S.W. 2128
Tel: (02) 648 3455 Fax: (02) 648 5585

Stand Number : Q31

Company History: Established in 1984, Mark IV Audio (Aust.) distribute and wholesale high quality professional audio products. Mark IV offer a complete range of systems from Music Products and Concert Systems through to Contracting and Installation products which can be found in concert halls, stadiums, houses of worship, social clubs and nightclubs, studios, radio and television and anywhere you would expect to hear good sound. Product lines include: Electro-Voice, Dynacord, Altec Lansing, University Sound, Vega, Klark Teknik, DDA, Midas, Connectronics.

Company Principals and Titles:

Colin Formston - Managing Director (At Entech), Ian Johnston - National Sales Manager (At Entech), Brian Sharpe - Financial Director, Francesca Peskops - Marketing & Promotions Manager (At Entech), Phill Webb - Product Manager (At Entech), Bruce Fozzard - Product Manager (At Entech), Michael Doherty - Sales Co-Ordinator (At Entech), Bryan Davidson - Technical Services Manager (At Entech), Michael Davidson - Warehouse Manager, Mick Privitera - Mark IV Qld. Manager (At Entech)

New Releases/Special Feature

Products: New from Electro-Voice - T-Series Professional speakers; System 200 active two-way speaker system; Range of instrument and studio microphones; Range of affordable mixing consoles; Range of Lavalier and Plate microphones. New from Vega - UHF Synthesised wireless system. New from Klark Teknik - DN3698 Remote control programmable EQ; DN6000 Spectrum Analyser; DN7204 Programmable room delay with EQ. New from DDA - Complete range of CS3 mixing consoles. New from Midas - Rack Mount Mic Pre-amp with EQ.



Products to be Exhibited: Midas XL200 Mixing Console. Electro-Voice P-Series Amplifiers. Electro-Voice new system package. DN3600 Programmable equaliser. PIC CAPTION - "New DDA range of CS3 Mixer with true LCR Panning"

MARTIN

13-15 Bridge Street, Rydalmere NSW 2116, Phone (02) 898-1111, Fax (02) 898-1222.

Stand Number : X11

Company History: The award winning Martin Roboscans have become the most popular light of their kind in the world. Roboscans are known for having more features than their competitors at prices that are the lowest in their



class. Add to this the professional and efficient after-sales back up and 12 month warranty, and the choice is obvious - Martin Roboscan.

Company Principals and Titles:

Emmanuel Ziino, Managing Director (Show Technology Australia Pty Ltd). Rod Salmon, Director (Show Technology Australia Pty Ltd). Troels Volver (Martin, Denmark).

New Releases/Special Feature

Products: A world first - The Martin PAL. The first Intelligent Light with automated framing shutters. Martin's 2510 Playback unit. The 2504, a new budget priced controller for Roboscan 812/805's.

Products to be Exhibited :

Roboscan 812, Roboscan PRO518, Roboscan PRO1220, Robocolor PRO400 and the entire range of Martin DJ Series effects.

MEDIA, ENTERTAINMENT AND ARTS ALLIANCE

245 Chalmer Street Redfern, N.S.W. 2016

Tel: (02) 333 0961 Fax: (02) 333 0933

Pavilion Stand

Company History: The Media, Entertainment & Arts Alliance was established in June 1992 to represent the professional and industrial interests of workers in the media,

entertainment and arts industries.

The Alliance was formed from an amalgamation of the actors, journalists and theatrical employee unions. Technicians and production personnel are represented by a specialist division in the Alliance called the Theatrical section. Theatrical section officers are a combination of legal specialists and experienced industry practitioners. Theatrical section has award coverage "in or in connection with" entertainment. This includes exhibitions, conventions, concerts, live theatre, television and film. The Alliance has major awards in all of these areas that were established by members wishing to regulate their employment conditions and have an influence on the direction of their industry. The major focus of the Alliance is to maintain and extend this award coverage to ensure technicians and production specialists achieve industrial protection and professional recognition in their chosen area. The Alliance provides a range of services to members besides the protection of individual rights and collective entitlements. These include legal representation in relation to your employment, accident compensation advice and representation, debt recovery, contract advice and negotiation services. The Alliance will pursue any employment issue on behalf of its members from under payment of wages to lobbying to change of government policy in areas that concern members. The Alliance is a responsible and pro-active organisation that seeks to negotiate agreements with employers that benefit and reflect the wishes of employees and support the growth of a vital and increasingly professionalised industry.

Products to be Exhibited: At our stand we will have our principle awards and agreements available for sale at a minimal cost as well as recent notices, policy documents and membership information. Experienced staff will be on hand to answer

enquiries from employees and employers and to discuss any industrial or professional issue that interests them. Come to see what makes a modern industrial union tick - and find out what directions the Alliance has planned for the future. For more information please contact Don Gunn on (02) 333 0961.

MEDIAVISION AUSTRALIA

4 Monash Road Gladesville, N.S.W. 2111
Tel: (02) 816 4055 Fax: (02) 816 1661

Stand Number : N21

Company History: Established in 1975, Mediavision Australia has offices in Melbourne and Sydney and is the Australian importing and distribution agents for Colortran Inc, Lee Filters Limited, Zero 88 Lighting Limited, Ianiro and Kobold Licht.

Company Principals and Titles: Trevor Chirchiglia and Geoffrey Hamilton

New Releases/Special Feature

Products: Lee Filters Gobo Patterns - Lee Filters has further extended its services to the film, television and theatre industries by making available the extensive



range of over 200 Gobo Patterns.

(Copies of the Gobo Pattern Selector Booklet are available at Entech). Also, Lee Filters new extended Colour Magic series of eight individual colour packs are on display. New from Zero 88 Lighting Limited is the Linebacker - a 60 memory DMX backup device, a DMX and cable test tool, a stand alone compact lighting desk, and a programmable scene/effect sequencer.

Products to be Exhibited: A representative range of products from Colortran, Inc, Lee Filters Limited, Zero 88 Lighting Limited, Ianiro and Kobold Licht, which will include lighting, lighting control and dimmers and Lee lighting filters and gobo patterns.

MEYER SOUND LABORATORIES, INC.

2832 San Pablo Avenue, Berkeley, CA 94702, U.S.A.
Tel: (510) 486 1166 Fax: (510) 486 8356

Stand Number : X15

Company History: Meyer Sound manufactures high quality sound reinforcement, studio monitor loudspeaker systems and related electronic equipment for installed and portable applications. The company was founded in 1979 by John and Helen Meyer.

Company Principals and Titles:

John Meyer - President, Helen Meyer - Vice President, Mike Cooper, Director - Asian Sales & Marketing (At Entech), Mark Johnson, Director - Public Relations (At Entech), Stephanie Ballew - Sales Representative (At Entech)

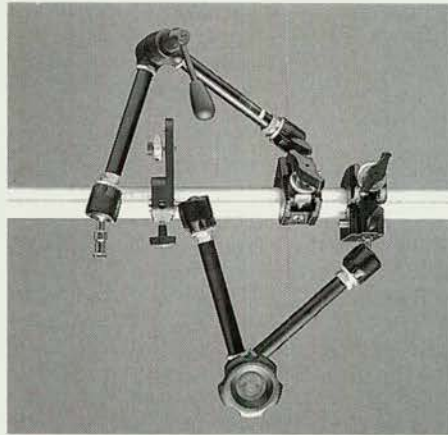
New Releases/Special Feature Products:

New for '96 is the Self-Powered Series of large scale reinforcement products. Including the High-Q, MSL-4 and Full range MTS-4 loudspeakers and the PSW-4 and 650-P subwoofers and the RMS™ Remote Monitoring System.

Products to be Exhibited: Other products to be exhibited will be the HD-1 and HD-2 High Definition Studio Monitors, the MSL-2A full range loudspeaker and the classic UPA-1 and UM-1 UltraMonitor™.

MILLER PROFESSIONAL PRODUCTS

30 Hotham Pde
Artarmon NSW 2064
Phone (02) 439-6377, Fax (02)



438-2819
Stand Number : R19, R20, R21

Company History:

Miller Professional Products (MPP) commenced operations in Sydney in July 1990 as the Australian distribution division of camera support manufacturer, Miller Fluid Heads. MPP specialises in the supply of studio and location lighting and grip accessories for the entertainment, film, broadcast, corporate and photographic industries. MPP is the Australian distributor for Manfrotto/Avenger, Lowel, Balcar, Kata-Band,

Westcott, Gamcolour, IFF, K5600 Inc., Anton/Bauer and Miller.

Company principals and title (those at Entech 96 indicated)

Grant Clementson - Managing Director.
Andrew Ball - National Sales Manager - Present at Entech.
Nicholas Connell - Lighting Products Manager - Present at Entech.
Brett Smith - Marketing Manager - Present at Entech.

New Releases/

Special Feature Products:

Gamfusion graded diffusion, Lowel Fren-L Fresnel light, K5600 Buglite in-shot effect lighting, Balcar Twinlite Fluorescent. IFF Studio Pantograph, Kata-Band Video Vestique equipment Vest, Westcott Daylight umbrellas.

Products to be exhibited:

Anton/Bauer Avenger/Manfrotto. A complete range of large and small stands in chrome and black chrome for studio and location use including, C-Stands, Baby legs, combos and five stage wind-ups.

Balcar: The complete range of

Balcar fluorescent studio and portable light fixtures. Gamcolour: High temperature coloured gels and Gamfusion - a graded diffusion system.

IFF: Studio Pantograph. K5600 Inc. The Joker range of PAR HMI's including 200W, 400W and 1200W models, and the Buglite, anin-shot effect light. Kata-Band: Stand organiser carry bag, Video and Sound recordist vests.

Lowel: Fren-L fresnel light, Complete portable tungsten lighting kits, the Tota, Omni, DP andi-light portable lights, Rifa-Lite soft box, lighting stands, reflector umbrellas.

Miller System 25 lightweight camera support system. Westcott: Hand-painted muslin backgrounds, collapsable reflectors, scrims and flags and the Apollo soft box.

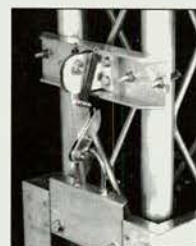
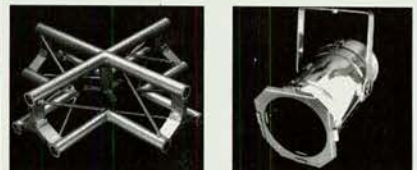
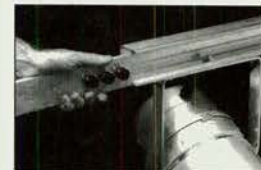
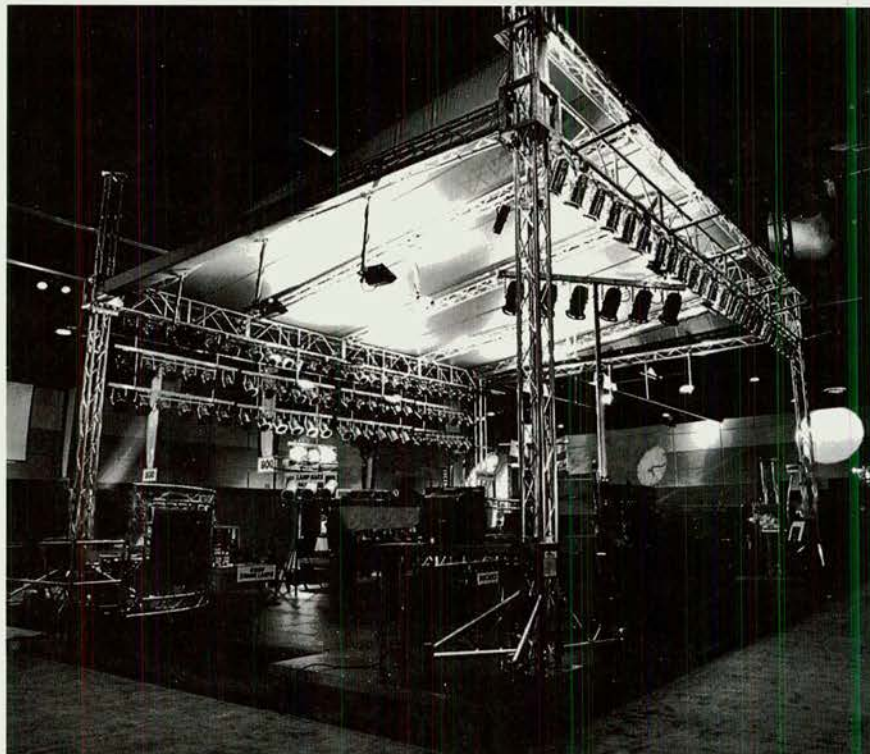
MULTI-CONTACT AUSTRALIA PTY LTD.

53-55 Whiting Street
Artarmon, N.S.W., 2064
Tel: (02) 438 3600, Fax: (02) 438 4737

Stand Number : R09

Company History: Established 1975. Specialising in cables and connectors for the stage lighting, concert production and broadcast (Television & Video Production)

SYSTEM 2000



--- MODULAR - ROOF - STAGE - AND - LIGHT - TRUSS - SYSTEMS ---

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43-45 Johnston St., Port Melbourne VIC. 3207 Ph:(03) 9646-7222 Fax:(03) 9646-8222



industries. Branches in Sydney, Melbourne, Perth, Brisbane & Auckland (N.Z.)

Company Principals and Titles: Rex Williams - Chief Executive Officer (Present at Entech), Jean-Pierre Redoute - National Sales Manager (Present at Entech)

New Releases/Special Feature Products: "Delta" flexible Multi-Core Control Cable. "Multi-Contact" single pole high current connectors, "Contact" multipole rectangular connectors, "Ceep" multipole round connectors, "Lite Vision" Full Colour Big Screen Display System.

MULTISCAN

P.O. Box 1622
Chatswood, N.S.W. 2067
Tel: 0411 212 215
Fax: (02) 9904 6544

Stand Number: W01

Company History: MULTISCAN is a Personal Computer based professional lighting controller. It is designed for the operator. With increased user friendliness, speed and accuracy when manipulating a variety of DMX512 digitally controlled intelligent lights AND dimmers. MULTISCAN is versatile in both operation and set-up. Quickly program complex lamp movements, scenes and chases into labelled cue lists, or operate 'on the fly', using the whole keyboard and mouse for instantaneous changes. Easy configuration for different lamps. This reliable system gives fast, creative control of the many effects intelligent lights can offer.

MUSITRONICS

25 Clive Road
Eirkdale, QLD., 4159
Tel: (07) 3822 3906 Fax: (07) 3922 3907

Stand Number: Z23

Company Principals and Titles: Roger Kelly - Managing Director (at Entech)

New Releases/Special Feature

Products: RCF Event 6000 2 x 15", 1 x 8" (Horn Loaded), Tweeter. Max peak power 4,000W, Max SPL 133dB.

Products to be Exhibited: Complete range of Event Series speaker cabinets including the yet

to be released Event 6000. Monitor Series including Sub Woofer and Active Processor. Standard and Data Projectors.

NIGHTLIFE MUSIC VIDEO

50 Cribb Street
Milton, QLD., 4064
Tel: (07) 367 1045 Fax: (07) 369 8376

Stand Number: Y32 Company Principals

and Titles: Representatives: Mark Brownlee, Michael Kilpatrick, Terri Cooper. All will be present at Entech.

New Release/Special Feature Products: Nightlife Launches The Music videoCD. Entech 1996 sees the launch of the music videoCD from Nightlife Music Video. Always on the cutting edge with leading products, Nightlife was the first with the computerised VHS VJ System and now brings you music videoCD. Not to be confused with analog Laser Disc, videoCD is a 5" disc that contains high quality digitally compressed audio and video. The videoCDs contain 18 clips and provide extremely quick access to tracks allowing the user to cue clips quickly and easily. Ideal for nightclub, pub and restaurant applications. Visit the stand and try videoCD for yourself and see just how easy this format is to use. Nightlife representatives will only be too happy to demonstrate the different players and applications on display as well as the computerised VHS VJ System currently in use in nightclubs throughout Australia.

ORACLE LASER PRODUCTIONS PTY LTD

5 / 222 Headland Road
Dee Why N.S.W. 2099
Tel: 02 9938 4466, Fax: 02 9938 4504

Stand Number: T37

Company History: Oracle was established over 2 years ago by co-founders Chris Sifton and Paul Mazlin. Since this time Oracle have developed their own laser systems and controllers specializing in 3D full colour graphics and laser beam effects. Oracle consists of a core of highly trained individuals skilled in

electronics, computer hardware, software, optics design and laser show production. In addition to manufacturing the systems Oracle have been involved in the design of several large corporate events and spectaculars including the Probe 7 Laser Wars spectacular at Australia's Wonderland. Oracle are also successfully exporting systems to Asia at present. We also build control systems that integrate with other devices such as pyrotechnics, audio, video and other lighting effects for turn key multimedia productions. Our objective is to provide high quality laser display, manufacturing and computer control services to the entertainment and advertising industries. Custom manufacturing each system for often bizarre requirements is our speciality.

Company Principals and Titles: Paul Mazlin, Director. Brian Mazlin, Director. Chris Sifton, Production Director. Michael Maudson, Software development, R & D. Tony Burden, Project technician. Warren Liang, Graphic Animator.

New Releases/Special Feature

Products: SEPTOR 3D LASER SYSTEM 500mW to 30W. Top of the range high quality dual scan full colour system featuring wide angle scanners, crystal colour selection, dual diffraction effects, Oracle 3D laser controller. SABRE 3D LASER SYSTEM 500mW to 30W Dual or single scan full colour laser system using mechanical dichroic filters for colour selection, dual diffraction effects, Oracle 3D laser controller. AURORA 3D LASER SYSTEM 100mW to 30W Dual or single scan Argon laser system using mechanical dichroic filters for colour selection, dual diffraction effects, Oracle 3D laser controller. BEAM SCAN LASER SYSTEM 10mW to 1W Low cost laser effects system suitable for discos and night clubs.

Products to be Exhibited: SEPTOR 3D LASER SYSTEM 500mW air cooled. SEPTOR 3D LASER SYSTEM 2.5W water cooled. AURORA 3D LASER SYSTEM 300mW air cooled. AURORA 3D LASER SYSTEM 25W water cooled. BEAM SCAN LASER SYSTEM 100mW air cooled

The photo is of our latest product, the SEPTOR 3D 500mW

air cooled full colour laser system with controller

OSRAM AUSTRALIA PTY. LTD.

P.O. Box 673
Pennant Hills, N.S.W. 2120
Tel: (02) 481 8399 Fax: (02) 481 9468

Stand Number: Q35

Company History: OSRAM is setting the pace. Ever since the early days of electric lighting OSRAM has been responsible for milestones in the photo-optical sector with its development of innovative lighting solutions and manufacturing technologies. Its special lamps owe their superiority to dedicated and pioneering development work and have frequently shown the way forward, not only within the industry but also in their particular area of application. Two Oscars awarded to OSRAM by the ©Academy of Motion Picture Arts and Sciences® for the development and continuous improvement of the HMI and SBO lamps, which have been so important and successful in the film industry, are evidence of worldwide recognition. Innovation as a key function: In our efforts to provide products of the highest quality and maintain a technical lead, we place great importance on research and development in the Photo Optics division. The result is that the division obtains around 50% of its turnover from discharge lamps that have been developed within the last five years. Innovation in lighting and manufacturing technology, as well as broadly-based expertise and experience, have made OSRAM the ultimate professional in phot optic lighting. Customer orientation: The Photo Optics division has established close customer relationships by concentrating on all activities for this highly demanding segment of light and radiation from marketing through research and development, manufacturing and quality control, to logistics and sales. This, in turn, has had a positive effect on quality, service and technical expertise. Whatever the problem in whatever application, the OSRAM Photo Optics division has the specialist to listen and help.

PAXT LIMITED

United Kingdom - See PLASA

Stand Number: U03

Company History: Paxt was established in 1990 as the Export Office for a number of leading UK Professional Audio manufacturers. They handle the appointment of distributors as well as shipping and finance.

Company Principals and Titles



: Mr. Clive Bradbury - Managing Director (At Entech), Mr. Charles Anderson - Marketing Executive (At Entech), Mrs. Heidi Crockford - Export & Admin. Manager (At Entech)

Brands to be Exhibited : Canon Audio - Although Canon Audio Ltd is part of the Canon Corporation, all its products are designed, manufactured and distributed from the UK. The professional product on display feature 'Wide Sound Dispersion' and unique design mounting facilities for corner, wall or ceiling mounting. 'C' Audio - Europe's leading manufacturer of professional power amplifiers, C-Audio have a wide selection of products suitable for budget installation or top professional applications. This is the first time they have exhibited in Australia and 'C Audio' will be seeking to appoint an exclusive distributor. Dynamix - On show will be the Dynamix Livemix II and Powermix II mixers and mixer amplifiers. Packed with features including ART effects, the products will appeal to customers requiring a professional product at a budget price. Dynamix will be seeking an exclusive distributor.

PENN FABRICATION AUSTRALIA PTY. LTD.

43-45 Johnston Street, Port Melbourne, VIC., 3207.

Stand Number: AA09

Company History: Penn Fabrication Ltd are a multi national company specialising in the supply of truss and stage lighting along with roadcase, rackmount and speaker hardware. Penn Fabrication Ltd boasts two manufacturing plants in the U.K., a new facility in Canada and wholly owned subsidiaries in seven countries. A leading supplier to the Pro Audio industry, Penn Fabrication Ltd distributes worldwide through an extensive network of dealers and distributors.

Company Principals and Titles

: Mr. Phillip Stratford - Managing Director and Mr. Andrew Rushen - General Manager Penn Fabrication Australia. Both will be present at Entech.

PERSONAL INTERNET SERVICES

8 Old Canterbury Road, Lewisham, N.S.W. 2049
Tel: (02) 568 2328, Mobile (018) 414 960 Fax: (02) 564 5485
email: gregweav@magna.com.au

Stand location: In the Interactive Zone, rear Hall 4.

Company History: After several years as successful manager of Revolver Sound and Light, Greg Weaver has formed his own business - Personal Internet Services. Greg's operation covers a wide area of computer consultancy, with a special focus on the Internet. "I want to be able to let anyone experience the fantastic communication tool that is the Internet, not just tech heads" says principal Greg Weaver. If you need information on what the Internet can do for your company, be it from a simple E-mail account for global communication with clients and suppliers to a full blown World Wide Web site to configuration of existing Internet software, then Personal Internet Services is the business to call. Current clients include Acme Merchandising, Connections Publishing and rooArt Records.

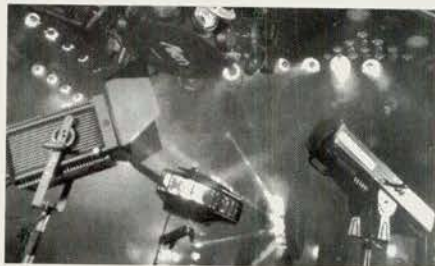
Products to be Exhibited: In conjunction with Entech and Connections Publishing, Personal Internet Services will be providing an Internet display for Entech '96.

PHILIPS LIGHTING

34 Waterloo Road, North Ryde, N.S.W. 2113.
Tel: (02) 805 4494, Fax: (02) 805 4495

Stand Number : P21

Company History: Philips Lighting was first established in Australia in 1926 and with its many lighting inventions, such as the Compact Fluorescent Lamp



and New Generation Super 80 fluorescent tube technology. Philips is recognised as a world leader in lighting technology and innovation. Philips offer state of the art light source products to suit almost any application. By combining this with its similar strengths in luminaires, lighting design, technical support and full project management, Philips can offer almost any total lighting solution.

Company Principals and Titles:

Steve Van Wessum - General Manager, Glenn Flower - Group Product Manager, Antony Pearce - Product Manager - Professional Lamps, Michael Power - Sales Representative - Professional Lamps. All will be present at Entech.

New Releases/Special Feature

Products: Philips BI-PLANE Technology. Philips has introduced Bi-plane technology which is a special construction of the filament. Where other lamp manufacturers' studio

and theatre lamps mount the filament in one plane (mono-plane), Philips has developed an equivalent range with the filament in two planes (bi-plane). Philips Bi-plane technology has led to a construction of a filament in their lamps which is more compact and emits more lumens per cm². The lightsource is smaller, has better beam control and light intensity. They have a higher shock resistance, give a brighter spot and give an even light distribution. Medium Source Rare Earth (MSR) Earth Lamps - Philips MSR lamps are high pressure discharge lamps with short arc length (5-14mm). They are filled with a noble gas, mercury, halides

and with additives of rare earths from the lanthanides. MSR lamps are dimmable, single ended and have very stable colour temperature. These lamps are ideal for indoor and outdoor filming, stage, studio and theatre use. Due to the hot restrike possibility the lamps

are very suitable for TV and film applications. Linear Lamps - Philips Linear Stage and Studio lamps will be exhibited at the Entech Show. With a colour temperature of 3200k and R 7s bases for easy replacement, Philips has a vast range of linear lamps for almost any application. **Products to be Exhibited:** As above.

PIONEER ELECTRONICS PTY. LTD.

178-184 Boundary Road Braeside, VIC., 3195
Tel: (03) 9 586 6300 Fax: (03) 9586 6402

Stand Number : W37, Y37, Z37

Company History: Pioneer, a wholly owned subsidiary of Pioneer Electronic Corp. was established in Australia 25 years ago. Best known as a manufacturer of quality home and car audio components, today Pioneer is applying over 50 years of



experience in fields such as Pro Audio and Multimedia products such as Digital Video Disc (DVD) and Projection Cube. Image Design Technology (Co-Exhibitor) is an Australian-owned company at the forefront of high definition videowall presentation in this country and have branches in both Sydney and Melbourne. IDT has been the market leader for several years in terms of integrating the Pioneer video cube system which is particularly suited to the presentation market. The company's target markets are trade shows, special events, broadcast and sporting events. Over the years, IDT has become an Australian industry leader in all of these fields with a veritable who's who of clients and prestige events to its credit. Working with major Australian events such as the ARIA Awards, AFI Awards, Janet Jackson World Tour,

"MEET ME IN THE BAR!"

We promised **EXTRA SPACE to network**, well now we deliver. We have created a **BAR/LOUNGE up above Hall 5**. This nice glasshouse is now the **ENTECH BAR** area. Open from 12 daily, you can enjoy a beverage, or a coffee or tea up there. **ALSO** we have a special roped

off zone for our **EXHIBITORS** and for our **VIP SUBSCRIBERS!** So now arrange to meet your networking associates 'UP in the bar!'

• You can also eat and imbibe at the **CAFE** at the rear of Hall 5, where we have an **expanded seating area**.

Australian Grand Prix, Galaxy launch, Foxtel launch, Optus Vision launch, Funniest Home Video Show, The Footy Show and the National Motor Show, just to name a few, has proven IDT's ability to create the ultimate in visual display.

Company Principals and Titles:

Akira Inoue - Managing Director, Pioneer Electronics; Rob Thompson - General Manager, Industrial Sales Division, Pioneer Electronics (At Entech); Rob Beluszar - National Sales Manager, Industrial Products, Pioneer Electronics (At Entech), Gerry Wilkins - Managing Director, Image Design Technology (At Entech); Mark Cooper - Business Development Manager, Image Design Technology (At Entech); Cate Anderson - Melbourne Branch Manager; Matt Trapnell - Account Manager.

New Releases/Special Feature

Products: CDJ-500II - Professional CD player for DJs. Features: Jog Dial, Quick Start, Tempo Control, Master Tempo, Loop Functions, Cue Functions, Relay Play, Fader Start, Back Due. DJM-500 - Professional DJ Mixer. Features: Auto BPM Counter, Delay, Echo, Auto Pan, Flanger, Pitch Shift, Reverb and much more. D.9601 - Professional DAT Deck. Features: 96 kHz High sampling mode, H.S. Digital interface, double speed copy, sampling down conversion function and more.

Products to be Exhibited: All of the above, plus a 16 Screen Projection cube Videowall with two 4 screen video columns operated by Pioneer's Australian Cube distributor - Image Design Technology. Demonstrations of CDJ-500 and DJM-500 by professional DJs will be conducted daily at 12 noon, 3pm and 5pm. Personal 'Hands-On' demonstrations will be available any time.

PLASA SHOW:

Earls Court 1, London : 8-11 September 1996.

Stand Number : U06

Company History : The PLASA Light & Sound Show covers the entire spectrum of entertainment technology and draws a diverse range of exhibitors and visitors from around the world. Such has been the success of the event in recent years, that 1996 will see it expand yet again with its move from the newest venue in London to the biggest venue. PLASA also welcomes the British Music Fair and Presentation Technology shows which will run alongside the PLASA Show when it opens in London in September. 15,000 people, with nearly 3,200 from overseas, attend the PLASA Show

and it has become the international launch pad for anything new in the entertainment technology sector. Our visitors from overseas are welcomed into our Elect Club, which means you are given a complimentary entrance pass and will be offered hospitality in the Elect Club lounge where meeting and business centre facilities are also available. **Company Principals and Titles :** Sales Manager, Nicola Rowland.

PLASA,

7 Highlight House, St. Leonards Road, Eastbourne, East Sussex, BN21 3UH, United Kingdom.

Tel: +44 1323 410335, Fax: +44 1323 646905

E-mail: info@plasa.org.uk

Internet: <http://www.plasa.org/plasa>

Stand Number : U06

With just over 400 member companies from across the world, the Professional Lighting & Sound Association is the leading international trade association for entertainment technology. As well as having a staff of 14 dedicated to members' interests, PLASA owns and promotes the PLASA Light & Sound Show in London and publishes 'Lighting+Sound International' and 'Sound+Communication Systems International' from its head office in Eastbourne. PLASA members benefit from one of the most comprehensive range of services offered by a trade association, ranging from advice on technical standards provided by a full-time standards officer through to a free legal advisory service, free directory entries in 'The Best of Entertainment Technology' and within PLASA's web-site on the Internet, to the arrangement of industry specific seminars, sponsoring of members' open days, research on control protocols and the organisation of trade missions worldwide. Especially for Entech '96, PLASA and the British Government have organised and sponsored 25 exhibitors - the largest ever group of British exporters to exhibit at any Australian trade show. PLASA's presence on the world wide web has grown considerably since it first went on-line last year, and, as a result, has become an important point of reference for information about the increasing number of members worldwide, as well as all facets of the PLASA operation. Over 6,000 people visit the site every month to learn more about the wide range of services offered by the Association.

Company Principals and Titles: Chief Executive - John Offord (At

Entech), Trade Development - Anna Pillow (At Entech), Chairman - Paul Adams, Vice Chairman - David Hopkins, Treasurer - Matthew Griffiths.

PREMIER LIGHTING PTY LTD.

433 Graham Street, Port Melbourne, VIC. 3207
Tel: (03) 9646 4522, Fax: (03) 9646 5020

Stand Number : 037

Company History: Premier Lighting are suppliers to the entertainment industry, be it Film, Television, Theatre, Corporate or



Rock and Roll. Premier Lighting have the unique ability to offer Hire, Production, Sales and Service to all of these sectors of the industry from their Melbourne, Sydney and Brisbane branches.

New Releases/Special Feature

Products: Kino Flo - Flicker and noise free colour-correct fluorescent lighting systems for film and TV.

Products to be Exhibited:

Architectural Dimming, Highend, E.T.C., Jands, Selecon, Lowel, Avenger Stands, Ianiro Location Lighting.

Other: Hire/Production/Service.

PRO MUSIC AUSTRALIA

19 Railway Terrace
Milton, QLD., 4064
Tel: (07) 3369 8144, Fax: (07) 3369 2008

Stand Number : T01

Company History: Established 1978. Pro Music aims to satisfy the needs of our customers through the provision of quality products and services; is in regular communication with customers to determine requirements and is devoted to training and development of employees to provide quality products and services.

Company Principals and Titles:

Mr. Robin Macfarlane - Director, Ian Corazzol - Director, Mike Fitter - General Manager, Claver Harper - National Manager Takamine/Taylor (At Entech), Alana Attwood - National Manager Laney (At Entech).

New Releases/Special Feature

Products: ART Applied Research Technology - Signal Processors,

Leem Budget Mixers, H & H Sound Reinforcement manufacturer, owned by Laney UK.

Products to be Exhibited: ART Progate, ART Multiverb, SKB Rack Cases, Leem Mixers VP308D 8 Channel & VP512D 12 Channel, Mascot Wireless Systems, H & H Sound Re-inforcement range.

PRODUCTION AUDIO SERVICES PTY. LTD.

6-8 Elizabeth Street
Richmond, VIC., 3121
Tel: (03) 9415 1585 Fax: (03) 9415 1595

Stand Number : T35

Company History:

Production Audio Services was established by Colin Stevenson in 1982 and will next year celebrate 15 years of operation. Originally set up to service the broadcast wireless microphone industry, Production Audio now services all areas of the audio industry

with exclusive distribution in Australia of 12 product lines.

Company Principals and Titles:

Colin Stevenson - Managing Director, Margaret Stevenson - Financial Controller, Graeme Stevenson - General Manager, John Musch - Sales Manager.

New Releases/Special Feature

Products: The release of the a1



new EAW "LA series" Linear Activation loudspeakers will take place at ENTECH '96, as well as a first look at the CREST Vx console. New product ranges include AB INTERNATIONAL amplifiers and EQs as well as AUDIX microphones and loudspeakers.

Products to be Exhibited: AB power amps and graphics; ASHLY signal processors and mixers; BIAMP Advantage mixing systems and commercial amps/remotes; AUDIX microphones and monitor loudspeakers; COUNTRYMAN miniature microphones and DIs, CREST Vx console, EAW KF / JF /

LA series loudspeakers, GENTNER teleconferencing products; NADY UHF & VHF wireless equipment; QUAM NICHOLS ceiling speaker; RDL "Stick-On" audio peripherals. **Other:** It is expected that their will be several representatives from the US on the stand at the show as well as some new and different displays.

Q ENGINEERING SERVICES PTY. LTD.

577 Pittwater Road, Brookvale, N.S.W. 2100
Tel: (02) 9938 6311 Fax: (02) 9938 5375

Stand Number(s): V23
Company History: Q Engineering was established in 1975 and has since then become one of the market leaders in control equipment.

Company Principals and Titles: Robert Biviano - Engineering Manager, Mario Chirillo - Managing Director, Lawrence Matthews - Sales.

New Releases/Special Feature Products: Q Engineering has recently released two new series of products. The first being the Hidim, a state of the art HID Dimming System. This product eliminates the usual problems associated with this kind of dimming. The second being the Micro range of dimmers. The Micro is a small smart and efficient dimming system for low load applications.

Products to be Exhibited: HIDIM - Discharged dimming systems. Micro - Small smart efficient dimming systems. MACRA - High load commercial dimming systems. Lampguard - Voltage regulations products. AMRA - Intelligent lighting control panels.

QUANTUM EFEX

126B Henley Beach Road Torrensville, S.A., 5031
Tel: (08) 351 9085 Fax: (08) 351 9086

Stand Number : X03
Company History: Quantum Efex began as a personnel firm in October 1992 supplying technical staff in South Australia and Internationally. In October 1995, Quantum Efex was re-born as a wholesale company and to date have been awarded dealerships for both SLS and Genius.

Company Principals and Titles: Bob Gitsham - Director, Glen Gitsham - General Manager.

New Releases/Special Feature Products: SLS: Panscan Moving Lights, Follow Me Tracking System. Genius: Omega Moving Head Light, DJ

Series FX Lights, Hantarex Outdoor Searchlight.
Products to be Exhibited: SLS Panscan 4, Panscan 3, Panscan Junior, Genius DJ Series, Effects Range.
Other: Maybe "Follow Me" Beta Test Version.

RAMTEK INDUSTRIES PTY LTD..

34 Bartlett Street, Summer Hill, N.S.W. 2130,
Tel.: (02) 798 6539 Fax: (02) 798 6571

Stand Number : CC09
Company History: Started January 1995 to service the industry with speaker enclosures, cases and edit suite fit outs.
Company Principals and Titles: Ian Stewart - Director.
Products to be Exhibited: Equipment cases and speaker enclosures.

ROLAND CORPORATION (AUST.) PTY. LTD.

38 Campbell Avenue, Dee Why, N.S.W. 2099
Tel: (02) 9982 8266 Fax: (02) 9981 1875

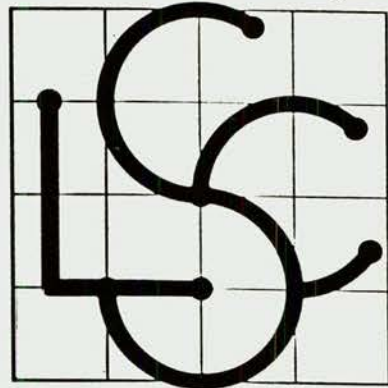
Stand Number: W08
Company History: Roland Corporation Australia Pty. Ltd. commenced in 1976 and was the first member of an international network of Joint Venture companies formed to market Roland's products around the world. Roland's long term vision is to give a wide range of people access to the means of making and enjoying their own music and related creative arts through the application of the latest technology. To do this, "Roland designs electronic musical instruments that will be cherished by their owners and enhance their creativity, enjoyment and performance." Roland designs and manufactures products for a wide variety of customers which are marketed internationally, not only under the Roland brand but also the brands of Boss, Rhodes and Rodgers.

Company Principals and Titles : John Egan - Managing Director, Glenn Dodson - Sales and Marketing Manager. (Both will be present at Entech).

New Releases/Special Feature



You know this logo



for our award winning **LIGHTING CONTROL PRODUCTS.**

..... But did you know we are

also the **AUSTRALIAN DISTRIBUTORS**

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AVOLITES -

TOURING LIGHTING CONSOLES LITESTRUCTURES -

TRUSSING SYSTEMS

SMOKE FACTORY -

PROFESSIONAL FOG MACHINES

UNIPAR -

PLASTIC PAR CANS GODDARD DESIGN -

Lil'DMXter TEST SETS

SELECON -

THEATRE LUMINAIRES

Want more info?

Then see us at Stand

NO. AA06 at Entech '96

or call

L.S.C. ELECTRONICS

Telephone: (03) 9561 5255

Facsimile: (03) 9561 5277

7 University Place

Clayton, VIC. 3168

Products: VS-880 Digital Studio Workstation. The VS-880 marks the arrival of the next generation of digital recorders. It's the first truly affordable digital audio workstation for home studios, that integrates all of the essential functions needed to create professional quality music. Also, DM-800 Multi Track disk recorder, DIF-800 Digital Interface (for DM-800), RSS-10 Roland Sound Space.

Products to be Exhibited: Roland/Boss New Releases. PMA-5 Personal Music Assistant; SN-700 Noise/Hum eliminator; VT-1 Voice Transformer; Cakewalk Pro Audio Software; Musicator Audio Software; VG-8 Virtual Guitar System; GX-700 Boss Guitar Effects processor. SX-700 Boss Studio Effects processor; XP-80 4 x Expandable Music Workstation; A-90 Expandable Controller.

ROSCO AUSTRALIA PTY LIMITED

42 Sawyer Lane
Artarmon, N.S.W. 2064
Tel: (02) 9906 6262 Mobile: 018 445561 Fax: (02) 9906 343
Stand Number : V37
Company History: Rosco Australia/CCT Lighting was established in 1991 as a whole-sale/importer of product for the Performing Arts. Rosco markets



more than 60 categories of products, most of them for lighting in theatre, film, television and architectural environments, including Supergel and glass dichroic colour filters, over 400 gobo patterns, fog and haze machine and fluids for special effects, a range of floors, projection materials and scenery paint for drops and sets. Manufacturer and distributor of Intelligent Power System state-of-the-art dimmers and distributors of CCT Lighting including the new high performance 'Freedom' range of 600watt luminaires.

Company Principals and Titles: Ian Baseby - Managing Director, Rosco Australia; Donald Hindle - Managing Director, CCT Lighting.

New Releases/Special Feature Products: Rosco Hazemaker non oil based. Rosco battery powered Fog Machine. CCT Freedom 600wt range of lighting with inbuilt dimmers.

Products to be Exhibited:

Rosco IPS Dimming System. CCT Freedom Lighting. Rosco Fog Machines. Rosco Gobos. Animation Units.

SCAN AUDIO PTY. LTD.

52 Crown Street,
Richmond, VIC. 3121.

Tel: (03) 9429 2199, Fax: (03) 9429 9309

Stand Number : W12

Company History: Scan Audio has been established in Australia



since 1983 and is now the single biggest SP importer in the country (domestic) with its principal brand being Jamo from Denmark. When developing loudspeakers, Jamo not only listen for sound quality, but also listen to the user for his comments.

Company Principals and Titles: Director - Rolf Mertez, Managing Director - Michael Henriksen, Manager Pro Products - Michael Di Meglio (At Entech), Sales Rep. (Vic.) - Joe Salamanca (At Entech).

New Releases/Special Feature Products: PA4008, PA5001, Sub6000.

Products to be Exhibited: As above, including Commercial and Installer Products as per brochure.

SHOWCRAFT AUSTRALIA

937 Bourke St,
Waterloo NSW 2017
Phone (02) 698-3009,
Fax (02) 699-9570

Stand Number: W25

Company History: Manufacturer of Colour Scrollers and DMX Utilities for theatrical and architectural applications.

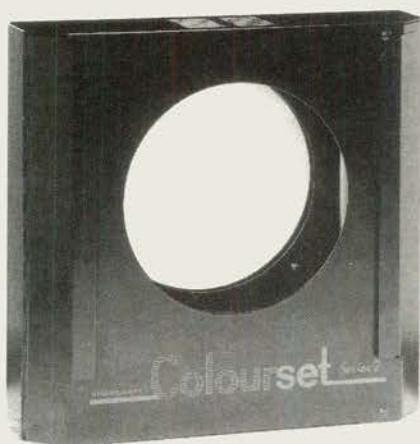
Company Principals and Titles : Mr Lee

Trade Magazine suggestions.

Visit our stand and tell us what you like, and more importantly what you DON'T like about our publication. Better still, fill out a Survey Form

and put it in the barrel for the chance to win one of 10 T Shirts.

So come to our ENTECH stand in Hall 4, meet us, and tell us your ideas.



SHOWTRAVEL SHOWFREIGHT

Level 3, 4A Lord Street,
Botany 2019
Phone (02) 352-999, Fax
(02) 352-9911

Stand Number : W01
THE GLOBAL SUPPORT ACT
Showtravel and Showfreight
are the Music Industry freight
and travel specialists with
offices throughout Australia
and overseas. Showtravel
offers real travel comfort for
your budget, not virtual
promises. That's what

Showtravel provides to our
valued customers who keep
touring with us and just as
importantly our first time clients.
Showfreight is the company that
has been doing entertainment
freight longer and smarter,
because we know the business of
getting to the top.
Please Phone: Sydney - (02)
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Melbourne - (03) 92435999
Adelaide - (08) 2362499,
Gold Coast (075) 5886644
Fax Sydney (02) 3529911
International offices in Auckland -
Los Angeles - London.
Our Services include
International & Domestic ticketing
& Freight
Accommodation
Car, limousine & truck hire

Conlon, Managing Director.
Present at Entech 1996.

New Releases: Showcraft is
demonstrating the new Series 2
Colourset Scroller. This Scroller
can be operated in either real-time
DMX tracking mode or in sensor
locked frame mode. New DMX
products now include the
Showcraft DMX204 and DMX104,
4 way optical splitters. Both units
feature riggers control inputs. See
the new GAM Command with
enhanced features and LED
display. Products to be exhibited:
Colourset 1K; 2K; 2.5K; 5K; 8W
Colourchangers DMX Opto
Isolators Gam Command & Gam
Tools

Charters
Courier services
Trucking,
Taxi trucks
Tour logistics
Customs Clearance
Carnet certificates
Courier bags
Storage
and more !!!!

SONY AUSTRALIA LIMITED

Broadcast & Professional Division
33-39 Talavera Road
North Ryde NSW 2113,
Telephone: (61-2) 878 9752,
Facsimile:
(61-2) 887 4605

Stand Number : 023

Company History : Sony
Australia's Broadcast & Profes-
sional Division is a leading
supplier of video and audio
equipment for the broadcast,
production, business, industrial,
government, medical, education
and security markets. Sony offers
a wide array of products and
systems for image capture,
production and display. Sony also
provides specialised equipment
and systems for data recording,
duplication, electronic photogra-
phy, publishing,
videoconferencing, interactive and
large screen display applications.
Company Principals and Titles

:Shinsuke Yoshida, Managing
Director. Howard Shephard,
General Manager, Broadcast and
Professional Division*. Ian Lowe,
Manager, Professional Product
Marketing. *Garry Rhodin, Product
Manager, Broadcast Audio*.
James Waldron, Product Manager,
Professional Audio*. Rodney
Sammutt, Audio Sales Engineer*.
*These people will be attending
ENTECH '96.

New Releases/Special Feature

Products : SSMS-1P: Powered
mini monitor speakers. DPS-V77:
Multi effects audio processor.
Radio Microphones. VPH-1292:
Video Projector. Pro DAT record-
ers. Digital Multitrack recorders.
Products to be Exhibited : SMS-
3 Nearfield monitors, MDS-B3 & -
B4P Minidisc recorders/players,
CDP-L3 CD player, F-700 Series
Dynamic microphones, MDR-7500
Series headphones, MUA-200/400
Power Amplifiers, plus many more
(of course).

SOUND DEVICES

265 Sussex Street
Sydney NSW 2001
Phone (02) 283-2077,
Fax (02) 283-1337.

Stand Number : R04

Company History :
SOUND DEVICES was established
in 1989 to provide a high level of
service and expertise, with a high

seeks reader Come & see us!

Or write to us at PO Box 439, EPPING NSW 2121
Australia. Fax (02) 876-5715

Connections



quality range of products and a professional and dedicated staff to service the industry and public alike.

Company Principals and Titles : Lew Mallia - Director, Michael Horn - Director, Steve Smith - Store Manager, Craig Sue - Sales Consultant, Sid Shukla - Sales Consultant.

New Releases/Special Feature

Products : SONIC FOUNDRY-SOUND FORGE 3.0 - The Ultimate P.C based Wave Editing system with optional Plug-ins including: Noise Reduction, Spectrum Analysis, and coming shortly Waves L1 sonic maximizer.

Products to be Exhibited: DIGIDESIGN Products and relevant 3rd Party Plug-ins.

APOGEE Electronics- Analogue to Digital Converters, and Superior quality DAT tapes.

SONIC FOUNDRY - Sound Forge 3.0 P.C wave editing software.

SUMMIT - Valve Outboard Equipment.

STAGE & STUDIO

26 Hotham Parade
Artarmon, NSW, 2064.
Tel: (02) 439 8188, Fax: (02) 439 7881

Stand Number : W23

Company History: Established in 1994 to service and supply lighting, dimmers and control to the Education, Amateur and Professional Theatre markets as well as TV, Film and Architectural areas. Though a young company, the staff have more than 60 years combined experience in the industry.

Company Principals and Titles: David Kentish, Chris Roarty, Frances Taylor. All will be present at Entech.

New Releases/Special Feature Products: Internally wired lighting bars.

Products to be Exhibited: Prolite Luminaires, Jands Dimmers & Control, Rosco Products, Q Engineering Dimmers and Control, Jands Theatre Projects products, HFT Porta floor.

STAGE TECHNOLOGIES

3A Aberdeen Studios
22 Highbury Grove
London, N5 2DQ, England
Tel: +44 171 354 8800 Fax: +44 171 359 1730

Stand Number : T06

Company History: Stage Technologies was founded in 1994 by automation experts John Hastie and Mark Ager. With their years of experience in the automation industry, the company is already established as one of the market

leaders, providing systems for automation on major musicals, live concerts, product launches and in fixed installations worldwide.

Company Principals and Titles: Mark Ager - Director, John Hastie - Director (At Entech), Nikki Scott -



Business Manager (At Entech).

Products to be Exhibited: Big Tow - multi-purpose winch which can both lift and move scenery. Highly compact, light and versatile. Tow Track - Flexible alternative to the traditional methods of moving curtains or hanging scenery along tracks. Juggler - Automation control desk which allows 20 motors to be controlled by a single operator. Simple to programme and easy to operate.

STAGE WHISPERS PERFORMING ARTS MAGAZINE

PO Box 318,
Monbulk, VIC., 3793.
Tel: (03) 9752 1065 Fax: (03) 9752 1921

Pavilion Stand

Company History: Stage Whispers Performing Arts Magazine was established in 1991 to fulfil the needs of amateur theatre companies throughout Victoria. Since then it has expanded to New South Wales and South Australia, and now incorporates all aspects of performing arts. Stage Whispers also has a regular 'Education in the Performing Arts' feature and an extensive coverage of 'Technically Speaking' highlights, for those interested in backstage developments.

Company Principals and Titles: Editor - Jeff Jones, Advertising Manager - Kerry de Pradines,

Advertising Consultant - Joanne Kisvarda.

Products to be Exhibited: Pick up your free copy of the April issue at the Stage Whispers stand at Entech '96! Call in and have a chat and ask us about the Stage Whispers Amateur Theatre Directory (SWAT), which contains comprehensive listings of theatre companies, products and services throughout New South Wales and Victoria.

STUDIO DUE

13-15 Bridge Street,
Rydalmere NSW 2116,
Phone (02) 898-1111, Fax (02) 898-1222.

Stand Number : N35

Company History :

Since the arrival of Studio Due products in Australia late last year, the Italian-manufactured lights have taken the market by storm. Studio Due manufacture a range of "moving-head" lights (as opposed to moving mirror) as well as outdoor search light effects. MA Lighting are the German manufacturer responsible for the very

successful Scancommander control desk. Over the last 3 years, the Scancommander has increased in popularity and is a favourite with production and touring companies.

Group One are the American manufacturer of high-quality,



versatile lighting control equipment. The original Elektralite controller was introduced to Australia in 1993 and continues to be maintained and up-dated regularly.

Company Principals and Titles

: Emmanuel Ziino, Managing Director (Show Technology Australia Pty Ltd), Rod Salmon, Director (Show Technology Australia Pty Ltd) Franco Bertini (Studio Due, Italy)

New Releases/Special Feature

Products : Studio Due - The official release of the entire Australian product range including the world famous Stratos 360° luminaire, Predator, Magnum, Spaceflower and Dominator.

Products to be Exhibited :

Studio Due Australian product range. Group One - Elektralite CP10 controller. MA Lighting - Scancommander

STUDIO FX PTY LTD

PO Box 696,
Darlinghurst NSW 2010
Phone (02) 281-0272, Fax (02) 281-0276

STAND NUMBER : V01

Company History : (Date established, objectives, etc.) In 1990, Studio FX took over Chase Music (est.1983) and commenced operating as a professional studio equipment hire company. Being owned and operated by producers and engineers, Studio FX has known what will satisfy the tastes of those hungry to work with top end gear. As well as collecting an impressive range of classic valve equipment, Studio FX have continued to add to their hire list the latest technology in multi track digital recorders, effects processors, EQ's, mixers, compressors, keyboards, samplers.....etc, etc.

Able to deliver to anywhere in the country with a minimum of fuss and an emphasis on providing a reliable, helpful and friendly service to the sound recording / production industry.

Company Principals and Titles:

(Indicate if to be present at ENTECH '96) Peter Cobbin - Director, Paul Lockwood - General Manager *present, Jo Page-Beaver - National Operations Co-ordinator *present.

New Releases/Special Feature

Products: Featured new release: SONY PCM800 multi track digital recorder. On display and operational at Entech '96 as well as

almost all of our hire range.

PRODUCTS TO BE EXHIBITED:

AKG: C12, C12B, C24, CK1. Alesis: ADAT, BRC. AMS: DMX1580S, SDMX, RMX-16. API: 3124, 550A "Lunchbox". Behringer: DE-102, EX-2200,

SNR2200. Calrec: Soundfield Mk4. DBX: 902. Eventide: H3000. Fairchild:670. Focusrite: "Producer Pack" ISA110, ISA130. GML: Massenberg 8200, 8300. Lexicon: 480L, PCM70. Microtech : Geffel UM92S. Neumann: M49, U87. Panasonic: SV3700. Pultec: EQP1A, EQP1A3. Roland: JD800, JV80, S770, SDE330, SDX330, SRV330. SONY: PCM800, DABK801, RMD800. Summit: TLA100A. SSL: ST Comp. Teletronix: LA2A. Urie:1176

STUDIO SOLUTIONS

Suite 105, 511 Pacific Highway
Crows Nest, N.S.W. 2065
Tel: (02) 9906 4363 Fax: (02) 439 6444

Stand Number: R13

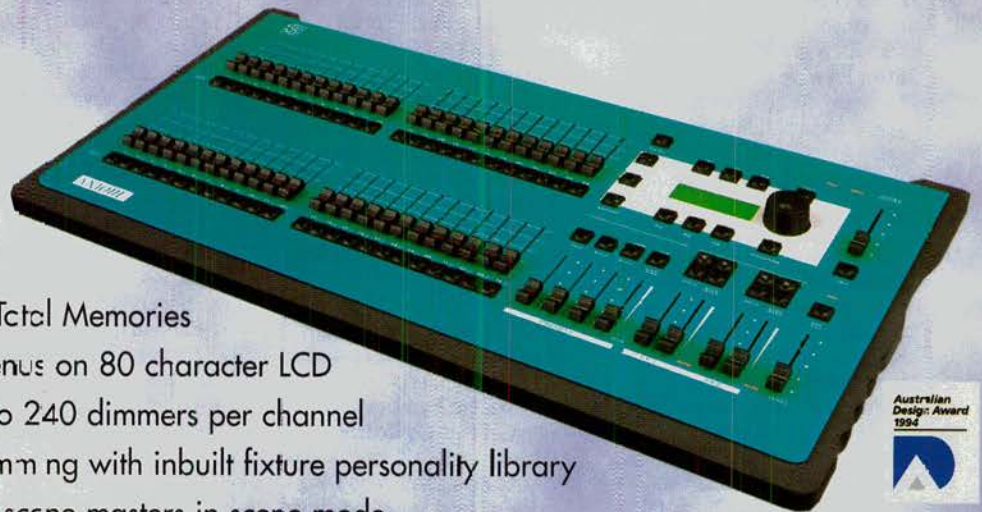
Company History: Studio Solutions was established in 1991, originally to provide service support on pro audio equipment. Since then, it has expanded into a specialist sales, service and

You Are In CONTROL

We Just Provide the Means

AXIOM

- ◆ Available in 12, 24 & 36 Channels (two preset)
- ◆ Wide Mode provides double the channels
- ◆ 12 pages of memories - 1022 Total Memories
- ◆ Inbuilt context sensitive help menus on 80 character LCD
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- ◆ Simplified moving light programming with inbuilt fixture personality library
- ◆ Lower bank of preset faders as scene masters in scene mode
- ◆ Isolated DMX 512, RS 232, Audio & MIDI Ports as standard
- ◆ Solid metal body with rubber surround & acrylic front panel
- ◆ Optional 3.5" Floppy disk back up



Australian Design Award 1994



ATOM

- ◆ Available in 12 & 24 Channels (two preset)
- ◆ Wide Mode gives 24 & 48 Channels single preset
- ◆ 9 pages of memories providing 108(12), 216(24) Scenes or Chases
- ◆ Preview/Edit facilities with Edit Wheel
- ◆ Scenes and Chases playback on lower bank of preset faders
- ◆ Softpatch to 99 Dimmers
- ◆ Simple Operation



For Further Information, Contact: L.S.C. Electronics Pty. Ltd.

7 University Place, Clayton, Victoria 3168

Telephone: +61 3 9561 5255 Facsimile: +61 3 9561 5277



installation organisation serving a wide range of audio and video users. Our workshop repairs a variety of analog and digital equipment from microphones to DAT recorders, and everything in between. Studio Solutions is the authorised Sydney service agent for Sony Pro Audio and Mackie.

Company Principals and Titles: Howard Jones - General Manager, Adrian Langker - Technician. Both will be present at Entech.

New Releases/Special Feature Products: 'Open-Lid' Displays and explanations of DAT mechanisms. Technical presentations on recording equipment maintenance.

Products to be Exhibited: Sony and Tascam DAT Recorders; Zip Rack - Rack Mounting Systems.

Other: Free on-stand technical advice and consultation with our highly qualified staff.

SYLVANIA LIGHTING INTERNATIONAL PTY. LTD.

Sylvania Way
Lisarow, N.S.W. 2250
Tel: (043) 298 888 Fax: (043) 282 605

Stand Number : I21

Company Principals and Titles: Ben Bath - Special Products Group, Sales Manager.

New Releases/Special Feature Products: MSD200 Equivalent Lamp (2000 hrs. life), MSD200 High Brightness Lamp (25% more light. 750 hrs. life) BriteXe Lamps (Xenon), Par 56 Lamps.

Products to be Exhibited: Audio Visual Lamps, Halogen Lamps, Par Lamps, Xenon Lamps, Theatre Lamps, CP Series Lamps, HMI/MSR Lamps (BriteArc)

SYNCROTECH SYSTEMS DESIGN PTY. LTD.

9C Gibbes Street
Chatswood NSW 2067
Phone (02) 417-5088
Fax (02) 417-8360

Stand Number : Z31

Syncrotech Systems Design Pty Ltd has been a well established import/distribution company for over ten years in the Australian market place.

During this period Syncrotech's philosophy has been only to import/distribute products



manufactured to the highest quality, while maintaining value for money. Hence Syncrotech now represents only the best in production and live sound equipment like AMS/NEVE, Audio Kinetics, Calrec, GML, KRK, Sonic Solutions, Soundtracs and Soundfield Research.

Over the forthcoming year it is Syncrotech's objective to provide an unequalled service to the live sound and production audio market in both sales and after sales service.

Company principals and titles are: Paul Heaton -Marketing Director, Steve Marsden -

Customer Support/Project Engineer, Iain Everington - National Sales Consultant, Matthew Costello - Sonic Solutions Product Specialist, Todd Wells - Managing Director of Soundtracs.

New Releases/Special Feature Products:

Topaz Project 8, Topaz Maxi 8, Topaz Macro Plus..

Products to be Exhibited : Soundtracs: New Topaz Project 8 from Soundtracs. The new Soundtracs Project 8 has a stunning list of new features to further wet the appetite of users. The SSM input IC by Analog Devices is not normally associated with consoles at this price, provides ultra low THD (total harmonic distortion). Available in two versions, 24 and 32 channels providing 48 or 64 inputs on mixdown, Soundtracs Topaz Project 8 is the ultimate choice for studio project recording. Consoles may be fitted with a meterbridge, as well as Topaz VCA fader and mute automation as an option. R.R.Prices: 24 channel \$9,090, 32 channel

\$10,482

New Topaz Maxi 8 from Soundtracs The new Topaz Maxi 8 console has been designed with a range of live applications in mind. It is a fully-functional Front-of-House console and with the push of a button it can be reconfigured as a stage monitor and matrix mixer.

Available in 2 configurations (24 and 32 channel) with up to 28 mono inputs and 2 stereo inputs (in addition to the 4 stereo effects return), the Maxi 8 provides 8 busses. R.R.Prices 24 channels \$7,964. 32 channels \$8,938.

Topaz Maxi Refined : Designed as a front of house mixer, the Topaz Maxi provides bands, clubs, churches and theatres with features not previously available on consoles within their budgets. Available in both 24 and 32 input versions, the Topaz Maxi is designed to accept the Topaz VCA fader and mute automation. R.R.Price: 24 channel. \$ 4,494 32 channel \$5,208

New Topaz Macro Plus from Soundtracs: The already immensely popular Soundtracs Topaz Macro now has a big brother. Due to the demand for additional inputs, the Macro Plus is to be made available with 20 mono and two stereo inputs, almost doubling the capacity. Providing the same impeccable audio performance acknowledged in the Macro, the Macro Plus utilises identical circuitry including the SSM input stage from Analog Devices which is normally only found in more expensive consoles. Ideally suited to sound reinforcement applications the Topaz Macro Plus will also prove popular for recording and sub mixing where there is a requirement for twenty-four inputs to be mixed to create a high quality stereo signal. R.R.Price: \$ 2,315.

Topaz Macro: The Soundtracs Topaz Macro has the same features as the Topaz Macro Plus, but only has fourteen inputs. R.R.Price \$ 1,435

Topaz Mini: This entry level audio mixing console from Soundtracs is 'Mini' by name but Maxi by nature. Packaged with features and all this for under \$1,000. R.R.P \$996

Topaz Sequel II: This is a 24, 32, 40 or 48 channel live sound console featuring assignable dynamics to each channel, stereo inputs, dual matrix inputs, stereo effects returns, VCA groups etc etc (for the discerning sound engineer). R.R.Price From \$57,484.

Solitaire: 24, 32, 40 input/output 24 buss production consoles, available with assignable dynamics to each channel and moving fader or VCA automation. R.R.Price From \$40,000.

Sonic Solutions: Sonic Solutions is a digital audio workstation for 2 channels of input/output to 96 channels of inputs/outputs, with on-board mixing, equalisation, dynamics and non linear video. R.R.Price: From \$ 8,842

KRK Audio Monitors : 9000 Close field Monitors 7000 Close field Monitors 6000 Close field Monitors K-ROKs ROK-Bottoms. R.R.Price From \$ 1,356

Syncrotech High Definition Power Amps, R.R.Price from \$1,395 Soundfield: ST250 Microphone System Pro. Price \$ 4,260, Mark V Microphone System, Pro. Price \$ 6,473

Syncrotech also imports and distributes AMS/NEVE, Audio Kinetics, Calrec and GML products.

SYSTEM SALES PTY. LTD.

58 Porter Street, (PO Box 322)
Prahan VIC 3181
Phone (03) 9529-7755, Fax (03) 9529-4897.

Stand Number: X17

Company History : System Sales Pty Ltd provides the finest audio equipment to engineers and organisations working in broadcast, recording and live sound. To support clients, a staff of accomplished sound engineers can offer service and recommendations based on first hand experience and access to a large range of leading name

"MEET ME IN THE BAR!"

We promised **EXTRA SPACE to network**, well now we deliver. We have created a **BAR/LOUNGE up above Hall 5**. This nice glasshouse is now the **ENTECH BAR** area. Open from 12 daily, you can enjoy a beverage, or a coffee or tea up there. **ALSO** we have a special roped

off zone for our **EXHIBITORS** and for our **VIP SUBSCRIBERS!** So now arrange to meet your networking associates 'UP in the bar!'

• You can also eat and imbibe at the **CAFE** at the rear of Hall 5, where we have an **expanded seating area**.

Connections

Australia's **Entertainment & Technology** Monthly

Advertising Rates: 1996

Black & White advertising in Australian Dollars.

(A\$1 usually = to 70c US)

Frequency	Qtr	Third	Half	Full	Double Spread
Casual	405	463	826	1375	2608
5 insertions per year	346	429	744	1239	2268
10 insertions per year	297	392	669	1106	2041
15 insertions per year	297	392	582	1000	1814

Right hand page or preferential page subject to +10% loading. Page 3 +15%.

Spot Colour in Australian Dollars. (A\$1 usually = to 70c US)

Add these colours: Red, Cyan, Magenta or Yellow: Extra \$80 each. (Limit of 2 extra)

Special colours: \$120 each.

Full 4 Colour

Frequency	Qtr	Third	Half	2/3rd	Full	Double Spread
Casual	690	790	890	1190	1675	3010
5 insertions per year	640	740	820	1085	1510	2710
10 insertions per year	590	690	750	985	1370	2460

SIZES (in mm.):

Make your art to suit these, or we do it for you.

<p>Full Page Standard page with margins, make art 180 wide x 270 tall actual useable size.</p>	<p>Full Page bleed edges A4: 297 x 210 actual size. Bleed edges 3mm over the actual page size on each edge, to 303mm (h) x 216mm final size.</p>	<p>2/3 horiz. 180 x 170 art size</p>	<p>Half horizontal 180 x 130 art size</p>	<p>Half vertical 87 x 270</p>	<p>1/3 Vert. 57 x 270</p>
		<p>Horizontal 1/3 180 x 90</p>	<p>1/4 Horiz. 180 x 55</p>	<p>1/4 Vertical</p>	

Mechanicals

Black & White artwork should be presented as a positive bromide, or neg film. Screen ruling 120 lines.

Colour Separations must be supplied, as negative film, 150 lines, right reading, emulsion down. Conversion from positive film: \$80

WE MAKE ART FOR YOU

Labour @ \$25/hr.
Mono Scans \$10 ea.
Colour Scans from \$35
Bromides from \$20
4 Colour Seps \$88

We CANNOT accept artwork on disk.

Connections TRADER

TEXT:

\$9 for 15 words, then \$5 for every extra 15 words in the same advert.

EMPLOYMENT:

We will run text employment ads FREE of cost.

TRADER DISPLAY BOXES: (other sizes available, conditions apply)

25mm tall x 2 columns wide (58mm): \$29
40mm tall x 2 columns wide (58mm): \$42
60mm tall x 2 columns wide (58mm): \$59
100mm tall x 2 columns wide (58mm): \$99

Call Caroline Grafton on (02) 876-3530 or 1-800-635-514. Fax (02) 876-5715.

PO Box 439, Epping NSW 2121 Australia.

Visit Our Stand in Hall 4 at ENTECH!

products. System Sales Pty Ltd is the daughter company of System Sound Pty Ltd which has been designing and engineering sound for music theatre, drama, opera and concerts (indoor and outdoor) for over fifteen years. The company has developed under the guidance of the principal, John Scandrett, and recent projects include The Phantom of the Opera, Cats, Hot Shoe Shuffle, Miss Saigon, West Side Story and concerts for Dame Kiri te Kanawa, José Carreras and Plácido Domingo. System Sound works extensively throughout Australia, New Zealand and Asia.

Company Principals and Titles : John Scandrett, Managing Director, Peter Grubb, Director.

New Releases/Special Feature Products : LCS level control systems - an automated multichannel sound control system which can be used for live sound reinforcement or post-production. CyberLogic NC-800 series amplifier - high power, multi-channel power amplifier that puts more power into less space without compromising performance or reliability.

Products to be Exhibited : Cadac "Concert" console - an audio console which provides complete automation of all levels, assignments and switch functions under computer control.

CyberLogic NC-800 series amplifier - one of the 8 channel amplifier range. LCS level control systems - a flexible system for moving sound through any space, PLUS a daily demonstration in the demo room. Meyer Sound Laboratories - new self-powered series loudspeakers.

THE P.A. PEOPLE

Sales Office:
432 Liverpool Rd
ENFIELD NSW 2136
Phone: (02) 642-5344, Fax: (02) 642-5738

Rental Services:
11/1 Wentworth Road North
HOMEBUSH NSW 2140
Phone: (02) 746-2400, Fax: (02) 746-2404

Other locations: Sydney (Head Office)

Brisbane (State Office)
Melbourne (Franchise)

Stand Number : Q28
Company History :

The PA People was established in Sydney over twenty five years ago. The original aim of the company was to provide cost effective public address systems, predominantly for schools and churches. The business has grown progressively to the point where now The PA People is one of the largest professional audio & lighting companies in Australia, with operating divisions in the

fields of Sales, Systems Contracting, Hire, Concert Production and Technical Services.

Sales: Our Sales department provide solutions for clients who range from a local school or church, to educational and commercial establishments, broadcasters, large corporations and all tiers of government. We also service individuals such as audio contractors, professional musicians & performers. System design services are available and custom designs are a specialty, with installation carried out by trained & qualified staff.

Systems Contracting: Installation of professional audio, lighting, audio visual, control and communications systems and equipment. The PA People cover diverse areas of applications such as entertainment venue audio and communication systems, Parliament chambers & lecture theatres, sporting facilities, factories & warehouses etc. Often we are in partnership with architects & audio consultants on major projects.

Technical Services: Our staff provide on call and contract maintenance using qualified technicians and the very latest computer aided test equipment.

Rental Services Hire: Our hire departments provide quality equipment which range from small

battery operated units to larger music systems, with or without operators for sporting, performance and corporate events. **Concert Productions:** This division provides touring audio and lighting systems and production services for major artists, spectaculars, festivals, theatre, opera as well as services for Television Studio & Outside Broadcast. Our audiences range to over 100000, we regularly provide systems for venues such as the The Domain Sydney.

Company Principals and Titles

: Chris Dodds, Managing Director. Rodger Rapsey, Sales Director. David Collins, Director, Senior Systems Consultant. Neil Packer, Engineering Director. Ken Dodds, Manager, Hire & Concert Productions. Bill Kelly, NSW State Sales Manager. Graham Jenkins, Qld State Sales Manager. All will be present at ENTECH 96.

New releases/Special Feature Products : AWA/Jeil 100v amps, and power amps.

Bose Business systems, LT Panaray Creative Audio ConcertComs: Matrix switcher, 2 wire to 4 wire converter, concert wedges. Peavey Media Matrix AMX touchscreen controllers NEC 6200 projectors

Products to be Exhibited: Apart from the new products




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- HMI 1200 Lamp
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- 14 Flashes Per Second Shutter / Dimmer
- High or Low Resolution DMX512



Iris

- Dichroic Colour Tunnel Effect
- HMI 575 with Blackout Shutter or Halogen Lamp
- Sound Activation or Slave Mode

DJ Series

- Small, Inexpensive Effects Lights
- Sound Activation or Slave Mode
- High Power Halogen Lamps

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mentioned above all aspects of the company's activities will be represented. Sales & Installations: a representative range of new and innovative products from AKG, AMX, Aphex, Audio Technica, Audio Telex, Bose, Creative Audio ConcertCom, Crown IQ2000, dbx, Denon, Electrovoice, EMS, Jands, JBL, NEC, Peavey, Rane, Shure, Soundcraft, TOA, Urei, Yamaha. Systems Contracting: Emphasis will be placed on demonstrating aspects of Integrated Control Systems in actual operating installations as seen in Ayers Rock Convention Centre, Capitol Theatre SM console system. Concert Production: new additions Bose Panaray LT, Chain Motor Controllers.

THE RESOURCE CORPORATION PTY. LTD.

230 Union Road,
Surrey Hills, VIC., 3127
Tel: (03) 9888 6555 Fax: (03)
9888 6613

Stand Numbers : R17 & R18
New Releases/Special Feature

Products: Eurocable AES/EUBU 110 ohm multi-pair cable and A2V5 Audio Video Hybrid cable DMX (Power and Balanced Line) cable.

Products to be Exhibited:
Eurocable - Microphone, Speaker, Multipair Cables. Konig & Meyer -

Mic, speaker & lighting stands and accessories; Studio rack trolleys. Link - 19-150 Pin multi pin connectors. Omnimount - Wall and ceiling mounting systems for speakers, monitors etc.

THE VENUE MANAGEMENT ASSOCIATION

Pavilion Stand

Company History: The Venue Management Association is the leading professional organisation of public venue managers in the Asia Pacific region. Its main activities are an annual Convention and Trade Show, and the Public Venue Management School. Active Membership is open to persons employed at any level of management in a venue, either publicly or privately owned. Allied Membership is open to persons providing products or services to venues. Membership enquiries to VMA, PO Box 2080, Richmond South, Vic., 3121 or contact Shane Hewitt: phone (03) 9534 3434, fax (03) 9534 3838. PVMS enquiries to Gareth James

THEATRICAL SUPPLIES OF AUSTRALIA,

3 university Place,
Clayton North, 3168, VIC,
Phone (03) 9561-5500, Fax (03)
9561-2612.

Stand Numbers : CC07-08

COMPANY HISTORY: Theatrical Supplies of Australia (TSA) commenced operation in 1984 as a specialist supplier of stage drapes. In 1984 it became a sales division of Sewlex Manufacturing Pty. Ltd. of Clayton, Victoria.

TSA is a major importer of specialised theatre fabrics and a manufacturer of on-stage cloths (curtains, cycloramas, backdrops etc.) TSA's key objective is to expand its theatre activities into Asian markets.

Company principals and Titles:
Ron McGowan (Director), Bruce Bond (Director), Maureen Bond (Director).

New releases/special Features: At the show TSA will release a new theatre quality velvet - 'Porto' weight 517 p/sg.m. TSA will also release its new logo which better depicts the products (stage drapes) supplied by the company. This logo also



incorporates an Australian flag element which is in preparation for our move into Asia.

Products to be Exhibited:
Velvets from Raymakers UK, Sharkstooth/gauzes/filled cloth from the UK, Rokel from Germany, ballet flooring from Gerrets, sceneboard and a large range of wide width canvasses.

TOMCAT U.S.A., INC.

2160 Commerce Drive,
Midland, TEXAS 79703, USA
Tel : (915) 694 7070 Fax: (915)
689 3805

Stand Number : T08

Company History: TOMCAT was established in 1987 and has grown to become the premier manufacturer of aluminium trussing, staging, lighting and support systems. The staff of over 65 persons includes a complete structural design engineering and drafting staff along with talented welders and

machinists. The electrical department features experienced technicians who deal with fixtures, connectors, wiring and Columbus McKinnon theatrical hoist. A fully staffed inspection and quality control department assures that customers receive only the finest

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in products and services. Our people and products consistently perform with "Strength Under Pressure." It's engineered into everything we do.

Company Principals and Titles:
 President - Mitch Clark (At Entech), Vice President/General Manager - John James, Sales Manager - Billy Phillips, Engineering Manager - Jay Edwards, Production Manager - Scott Clark,

connections. Visitors to the TOMCAT booth will also be able to see and get information on the full line of Columbus McKinnon theatrical hoists. With such a full selection of items, it will be as though people are walking through the TOMCAT catalogue.

UNIVERSAL LIGHTING & AUDIO PTY. LTD.

Universal Place,
 4/43 Olympic Circuit,
 Southport, QLD., 4215
 Tel: (07) 5532 9922
 Fax: (07) 5532 4155
Stand Numbers : G28, G35, G36, G37, G38
Company History: U.L.A. was established in 1988 purely as a wholesale importer and distributor of professional Lighting and Audio Equipment.

We can honestly say we have maintained this strict policy and thus created a very strong dealer network. We will continue to support our dealers and provide



Electrical Department Manager - Mark Newlin, Marketing Manager - Garry Solmonson, Controller - Kathy Davidson.

New Releases/Special Feature

Products: In addition a complete line of pre-rigged truss, box truss, triangle truss, and folding varieties of box and triangle truss, TOMCAT takes pride in a complete line of indoor ground support and outdoor roof systems. The TOMCAT 12 metre by 12 metre roof system assembles quickly and is easy to transport. The 18 metre by 12 metre roof can handle just about any show and features optional 6 metre PA wings on each side. Newly developed is a 25 metre by 18 metre roof system. This system also features optional PA wings. Finally, the largest roof system design offers a clear span of 38 metres.



Whatever the need for outdoor roof systems or indoor ground support, TOMCAT has the ability to offer quality solutions, either with one of our current designs or something engineered specifically for your application.

Products to be Exhibited : The foundation of the TOMCAT booth at Entech is a small ground support system on which a wide selection of TOMCAT products will be displayed. Everything from light, medium and heavy duty box truss, to pre-rigged truss, triangle truss and folding truss. Not only will visitors be able to see and touch the different types of trussing, they will also be able to examine different connection methods ranging from standard bolts and camlock connections to the quick and strong spigot

them with the latest in technology and A1 backup service.

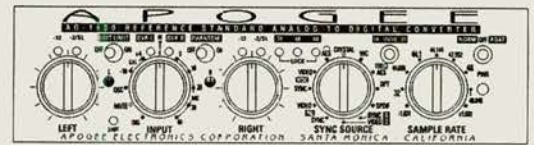
Company Principals and Titles:
 Cuono Biviano - Director (At Entech), Claudia Biviano - Sales/Marketing Director, (At Entech) Grazia Biviano - Director

New Releases/Special Feature Products: JB Lighting - Varyscan 3 Special Plus, Varyscan 4 1200HMI, Varyscan 4 575HMI. Abstract - Futurescan 2CE, Futurescan 2CED, Futurescan 3CE, Futurescan 3CED, Twister 3CE, Hyperave, Galactic Moon CE, Galactic Rave, Gladiator CED. Le-Maitre - LSX Low Fog, G300 Haze Machine, NuMark - Range of new designed mixers.

Products to be Exhibited: Abstract Lighting, JB Lighting, Orion Lighting UK, NuMark, Le Maitre, Griven, Lightomation/Lightprocessor.

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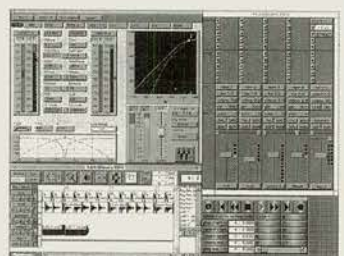
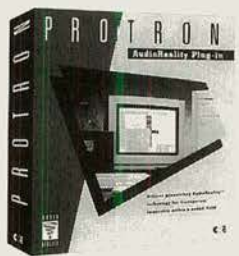
APOGEE
 AD-1000 20 bit A/D converter



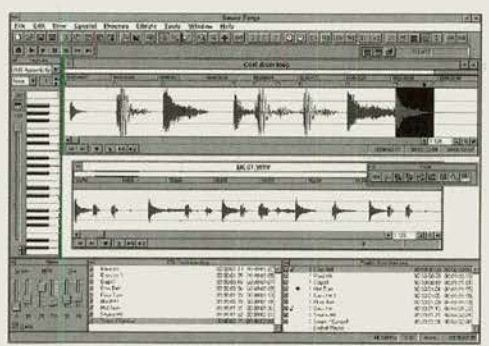
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VANTAGE LIGHTING INC.

175 Paul Dr.
San Rafael, CA 94903 USA
Tel : (415) 507 0402 Fax (415)
507 0502 (800) 445 2677

Stand Number : R06

Company History: Vantage Lighting was established in 1990, to service the specialty lighting market. The company's goal was to become a major international distributor for specialty and hard to find lighting. Since opening, Vantage has expanded with offices in Illinois, Singapore and has plans of entering into joint ventures in Peru and China, and are currently looking for joint venture opportunities in Australia.

Company Principals and Titles: Marc Allsman - President (At Entech), Peter Allsman - Secretary/Treasurer.

Products to be Exhibited :

Vantage Lighting plans to exhibit replacement lamps manufactured by the major lamp manufacturers: GE, Philips, Osram/Sylvania and our own private label KENRAD. Being exhibited in Australia for the first time is the new STAR GRAPHICS LASERSIGN. The new Star Graphics Laser Sign utilizes the latest in laser and computer technology to offer a compact, easy to use laser display system. It is capable of displaying company logo's, text in any style or font, as well as custom animations. Its compact size and ease of use make it ideal for generating eye catching displays and special effects at night clubs, trade shows, conventions and retail centres. It is the only system available offering remote customer programming, graphics selection, and self-diagnostics via direct telephone line connection with our programming centre. Laser Options: 5mW-100mW Red, 75mW, 150mW and 300mW Green, 100mW and 200mW Multi-colour systems. All laser systems are 120/230/240VAC @ 10 Amps. Dimensions 36" x 7.5" x 6.5" - 60lbs., Air Cooled. Though not displayed at Entech this year, Vantage Lighting will have brochures on hand for our new 3D Laser System and our new 3D

Video Projection system. For more information, please stop by our booth #R06.

WDR MAGAZINE

Waterloo Place, Watson Square
Stockport, SK1 3AZ, United Kingdom.

Tel: +44 (0) 161 480 3344
Fax: +44 (0) 161 480 8896
E-mail:

wdr@mondpub.demon.co.uk

Stand Number(s): R05

Company History: WDR (World Discotheque Review) Magazine is the foremost magazine for the international discotheque industry featuring reviews on discotheque installations from around the globe. Columns from industry specialists highlight all that's new in lighting and sound, alongside reports from all major international lighting & sound exhibitions. WDR is published six times per year and is published in two versions; Asia/Pacific in English, Chinese, Japanese and Arabic - Europe/Americas in English, French, German, Spanish and Italian. New for 1996 is the WDCDR, a fully interactive CD-ROM product guide for the lighting and sound industry. Contact WDR subscriptions on fax: +44 (0)161 480 8896 or E-mail wdr@mondpub.demon.co.uk

WHITE LIGHT (ELECTRICS) LTD

57 Filmer Road
London SW6 7JF, England.
Tel: 0171 731 3291 Fax: 0171 731 3291

Stand Number : T05

Company History: Founded in 1971 as a hire and sales



company in London, White Light now provides the lighting to over 20 West End shows. Since 1990 White Light have manufactured the VSFX.

Company Principals and Titles:

John Simpson - Managing Director, Bryan Raven - General Manager (At Entech), Paul Simson - Sales Manager, Mike Crossman - Hire Manager.

New Releases/Special Feature

Products: The World premiere of the "Wave FX" similar to the VSFX90 projection system, produces a wave effect from a 2Kw/2500w projector by using an arrangement of slides.

Products to be Exhibited: Along with the Wave FX, White Light will be exhibiting the VSFX90. This is the projection system that replaced the Patt 252 system.

YAMAHA MUSIC AUSTRALIA

PO Box 268,
South Melbourne, VIC., 3205.
Tel: (03) 9699 2388 Fax: (03) 9699 2332

Stand Number : U17

Company History: This year Yamaha celebrates 35 years in Australia.

Company Principals and Titles:

Kevin Kobayashi - Managing Director, Sara Hood - Corporate Affairs Manager, Geoffrey Crane - Product Manager (At Entech), Christopher Steller - Product Support Co-Ordinator (At Entech).

New Releases/Special Feature



Products: MD4 Multitrack Mini-Disk Recorder RM800; MX400 Mixers; Pro R3 Digital Reverb; EMX3500 Powered Mixer; CBXK1XG Midi Sound Keyboard; SW60XG Sound Card; Audio Technica MB4000C Microphone.
Products to be Exhibited: DSP Postation for Video Post Production. O2R Displayed with a selection of peripherals (including Project Manager software for Mac & SP02 surround sound encoder) and Modular Digital Multitrack demonstration. CBX-D3/Logic Audio HD Recording System (Mac), CBX-D3/Cubase Audio HD Recording System (PC); CDR CD Recorders; Audio Technica Microphone/Headphone range; P.A. Displays for live and installation applications.

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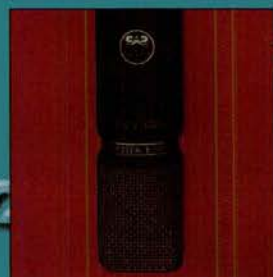
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