will appreciate it for its ability to light a cloth from 1.5 metres with 2 metres between floods. The stand was dominated the Neithammer HMI Unispot followspots whose precise mechanics testify to a home market which is prepared to pay for quality. The Avab range of Swedish control systems was also on display including the advanced Viking and a motorised Rigging control which is weight sensitive and on which every line is monitored continually for speed. For the confident there is the facility to run the flying from the Viking light controller. CLT Hire Superstore was also at the show with a range of spares and representative hire items. As CCT distributors of South Essex and North Kent Raxcrest Electrical were almost part of CCT's stand but their own electrical wholesale lines, including all sorts of cable were shown.



'Product of the Year' award went to TBA Technology for their Magic Lantern range.

Further imported Followspots came from Italy, where the Coemar Pilota is much respected. This company has a large range of spots with many light sources both discharge and filament. The 1000/2000 watt Antares parabolic beam light is an interesting item in their catalogue. Coemar is under the umbrella of W.B. Lighting Ltd together with DeSisti. Mr. Mario DeSisti was on the stand to show his range of film, E.N.G. and T.V. lighting, including, for Theatre applications, the 1000/1250 watt Raffaello soft light and very robust stands. There is a 1 Kw Fresnel with sensible barndoors which will mask the beam in flood focus. Interestingly there is a 3mm mesh guard beneath the lamp tray for catching broken glass - this may become a future requirement for manufacturers.

Pulsar Light of Cambridge were also showing a new fresnel spot — their Pulsar 650 series will become a complete range as the year unfolds. I personally hope that the mechanics can be beefed up a bit — the price is good but this perhaps has been achieved by savings on materials. By comparison the new Pulsar 6×5 Amp Rackmount hardwired Dimmer Pack is a fine piece of work and the ability to dim low voltage transformed loads will be important to many users.

These users will be attracted to the Microlights range marketed by A.J.S.

Theatre Lighting & Stage Supplies from their base in Dorset and their new London Theatre Centre at West India Docks (a very now place to be into I am assured). A.J.S. has a very impressive range of stock lines and have been expanding into sound equipment sales and hire over the last year with items by Harrison and Seck amongst others.

It was good to see **Avolites** at this year's show. This firm has a great history of providing rock tour dimming and the neatness of their rack mounted dimmers is excellent. They were featuring their Rolacue desk and the newly expanded QM desk with up to 180 channels. **Colortran U.K.** also features high density dimming with their Dimension 192 series of slide-in models from 2×2.4 Kw to the double size 10Kw module. Their cadet memory system is a distilation of system two with soft patch and disc drive option. There is a multiplexed hand held control option.

There were some interesting developments in the lower end of the memory market — what I call the Threeset Barrier of 40 to 80 ways. **Touchstone Technology** of S.E.15 had their Tigers Eye board with few moving parts — all the dimmer scales are touch sensitive. Claimed as an operators and designers board it appears to me to be certainly worth a trial — perhaps a Theatre such as the Intimate, Palmers Green would be interested in running it in parallel with their existing board and giving its designer Charles Wood, valuable feedback.

Of the established small memory desks, Zero 88 had their touring Eclipse desk with a host of accessories including the Cigar lighter. The page overlay and extended memory panels (200 memories over 25 pages) will be found of more practical use. Cerebrum had their now well known Celco Series 2 Desks on display — since last year I have put my money where my mouth is and Ancient Lights has bought a 30 way version which we and our hirers are very pleased with.

Dynamic Technology (DTL), best known for their T.V. lighting controls were showing their Memory Multiset which enables the Threeset/AMC devotee to ease his/her way into memorising states. The Chameleon System also from DTL is a very compact extension of the Datalite Modular System and as such is ideal for Outside Broadcast work. The DTL Stackapak dimmers have been jointed by the 18 to 72 way Wallpak range with British or European fusing and wiring configurations.

Another established control marketing company has changed its name — for Cosby Controls read Eurolite. They had sold two Microlite 200 systems in the first day of the show and each of these is in fact 2 independent boards which can be played through each other or used as backup or used for undistracting modification of the plot by a second operator, useful with tight touring schedules. The Concord (ex Green Ginger) 6 way dimmer racks with earth leakage warning and M.C.B. protection are going to be popular. Also on this stand Mike Sweetland showed his remote gobo changer for the Silhouette range of spots. This

device will work on an MX colour wheel controller.

D.E.W. Electrical Engineering, heirs to Thorn Theatre lighting, showed their new versions of the Concept Memory Desk and the club series of manual desks. Their expansion into the export market is good news and their list of recent clients is impressive.

At least two firms were busy moving light around. This year **Pancan**, the 1982 prizewinners, have now marketed a control facility with 128 units over 96 presets. Colour change is an easy option on the Pancan head which fits onto any luminaire. By contrast **Lighworks** Ltd have decided to move the complete luminaire and sizes up to 5 Kw can be accommodated as well as E.N.G. cameras. 70 lights are controlled on their system for Starlight Express.

Lighting accessories were represented at the show. D.H.A. showed further extensions to their Gobo range including the potential use of special glass to create multicolour gobos. Fibre optics developments are underway and gobo techniques are used to screen print a design on fabrics or any flat surface. The lamp suppliers each had their own specialities Action Lighting displayed their range of EEC architectural strip lights with cutout switch and their flicker candles. Specialist Lamp Distributors showed some of the robust ARRI series of ENG/Video Heads and Kits and the S.L.D. Superfilter. Valiant Electrical Wholesale Co. concentrated on emphasising the wide range of lamps held in stock for all aspects of performances.

Primarc's comprehensive list of lamps with ANSI codes and equivalents will be useful to anyone confused by the biplane equivalents and other recent imports. It was interesting to see the different approaches to stand displays this year. Amongst the supplies of lights and other hardware there were those like A. & B. Theatre Services and Trafalgar Lighting who had stands packed with hardware - the former showing their 50 volt Pyro detonator set for use with mains flash boxes and Knowles Cosmetic's fibre specialist makeup cases. Trafalgar displayed illustrations of their second-hand lighting and sound services, including a T/11 Burning Patt. 50A Pageant lantern. Lancelyn Lighting showed aspects of both their hire and sales with awesome 125 Amp 3 phase Ceeform plugs and

