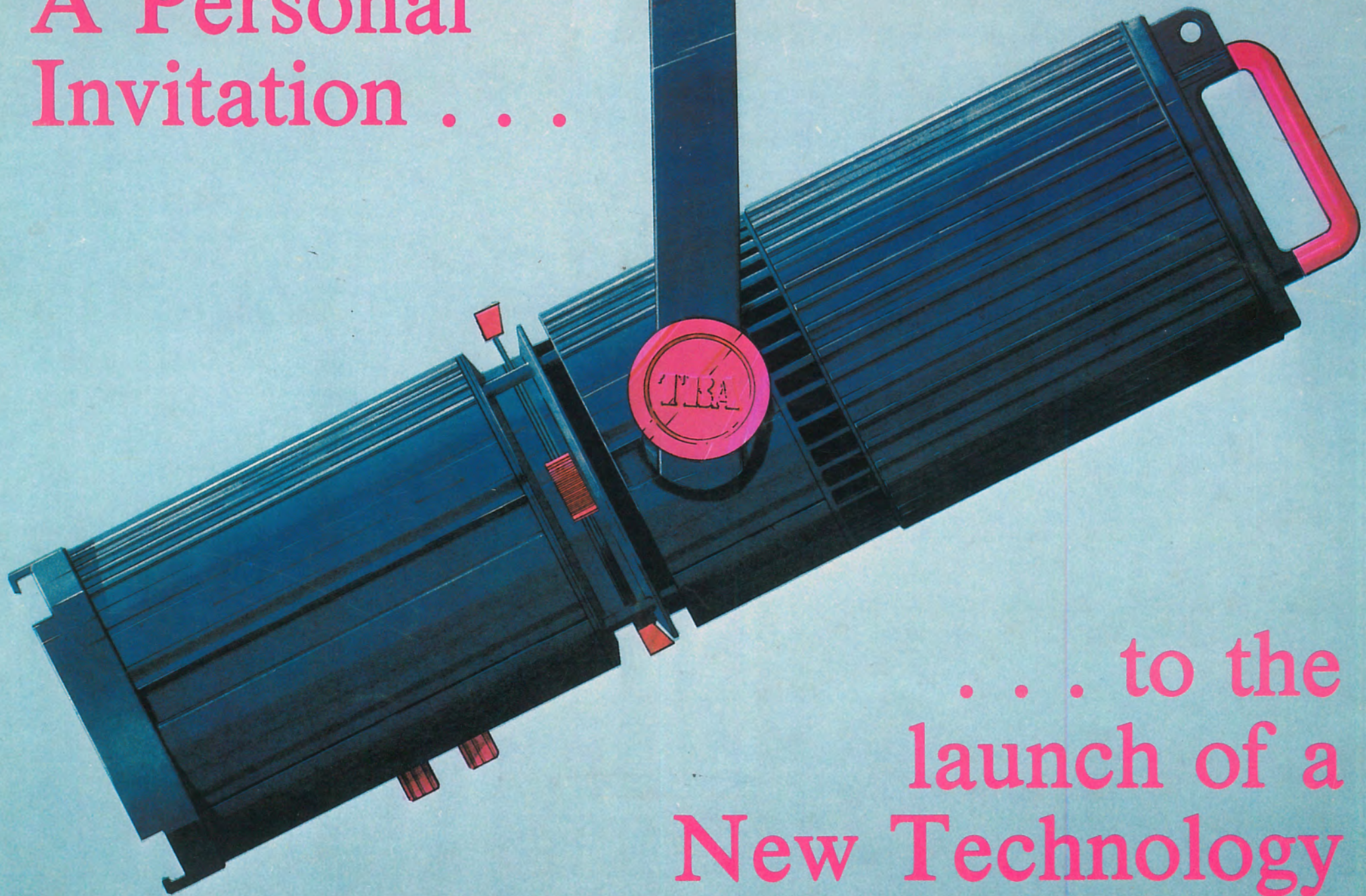


A Personal
Invitation . . .



. . . to the
launch of a
New Technology

Magic Lantern

Magic Lantern is a completely fresh look at Stage Lighting and its relationship with present day technologies. The result of an intensive two year development programme, Magic Lantern sets an entirely new standard for the lighting industry. For an introduction to the new definition of stage lighting, take a deep breath and read on . . .

Why low voltage ?

Low voltage stage lighting has been high on many wish-lists for a long time. Think of the theoretical advantages: a more compact filament for greatly improved optical performance and quality, with drastic savings in power consumption and lamp replacement costs. Heat output would be significantly lower, and dimming systems could be reduced in size and cost, *or eliminated altogether*.

But low voltage luminaires would never be taken seriously until they competed head-on with 1000 watt 220/240 volt units. Viability depended on a super-efficient lightsource, and an alternative had to be found to big, heavy transformers.

Now, with the Xenophot lamp, a combination of tungsten filament and Xenon gas technology, an efficient, low cost lightsource is readily available, with all the desired qualities of performance, life, and colour temperature.

TBA Technology has solved the transformer problem with advanced power electronics, which control the lamp in a perfect low-voltage curve, either hooked up to a dimmer, or networked directly from virtually any existing control system.

TBA

TECHNOLOGY

presents

Networking - the dimmer-at-lamp solution

Who needs dimmers ? Dimmers are big, heavy, expensive pieces of hardware, which eat up money in capital costs and wiring, and have expensive tastes in truck space and crew time on the road!

With Magic Lantern, you can forget about dimmers: the Networking models contain their own serial decoders and simple control electronics, and can be run directly from many memory control systems, on a standard RS 422 data bus.

Our low cost Analogue/Protocol Converter allows Magic Lantern to be driven from virtually any control board with an analogue or multiplexed analogue output.

Distribution is a piece of cake, either for permanent installation or touring. Simply connect each Networking Magic Lantern to ac mains power, and "daisy chain" the data cable from one lantern to another. There's no limit to the number of Magic Lanterns that can be addressed, and up to 512 control channels may be used. With modern soft-patching systems, circuiting becomes infinitely flexible.

Magic Lantern

the breakthrough in low voltage stage lighting

Innovation becomes Reality

Magic Lantern has been a complete rethink of the design and construction of Stage Luminaires. With many innovative design features, Magic Lanterns will initially be available in Zoom Profile, Fresnel and Pebble Convex variants, with or without Networking.

Our Zoom is something really special - for the ultimate in optical efficiency, two fixed condenser elements and two moving zoom lenses deliver stunning performance and quality, from twelve to thirty degrees.

Networking is an option. The alternative we call "Dimmer Follow", with a very sneaky electronic circuit which thinks it's a transformer! Except that it has variable power ratio control, weighs less than a pound, and doesn't look like an inductive load to a dimmer.

All Magic Lanterns feature Power Ratio adjustment: on a scale of 0 to 130%, normal operation is 100%, with performance as published. However, you can proportionally boost the light output of any Magic Lantern by up to 30%, or trim below 100% for incredible energy savings.

With Magic Lantern, economical is *very* economical, and bright is BRIGHT !

This is your Personal Invitation to meet

Magic Lantern

at

ABTT Trade Show 85

Riverside Studio, 2 Crisp Road, London W6

Thursday 28 March 10.00 - 18.00

Friday 29 March 10.00 - 20.00

Saturday 30 March 10.00 - 15.00

For further information, call Zounie Fallil on 01-359 3599

TBA **TECHNOLOGY**

Europe

TBA Technology, 31 Corsica Street, London N5 1JT, England
Tel 01-359 3599 Tx 25960 Eurotl G

USA

TBA Technology, PO Box 302, Walnut Creek, California 94596, USA
Tel (415) 932 8134 Tx 176340