

Product News



A new Floodlight from CCT

Introduced as the first stage and studio floodlight to be designed to the new international safety standards. Available with asymmetric and symmetric optical systems both models use 1000 watt or 1250 watt lamps. Re-lamping is carried out from the rear of the lantern without disturbance of its set position whilst complete safety is assured by an auto eject plug connection. A safety mesh is standard with safety glass as an option. A quick action filter frame is dimensioned to allow optimum use of the colour medium. Very efficient cooling is provided by a unique funnel convection system which effectively prevents any light spill. More information from CCT Theatre Lighting Ltd., 26 Willow Lane, Mitcham, Surrey CR4 4NA.

Co-ordinating the lighting and scenery changes

AVAB Rigging Control offers the same manipulative possibilities for rigging as for lighting. Rigging "presets" can be recorded and played back. Rigging elements are then moved at different speeds to their predetermined positions. Delayed starts are also assignable to these elements. The operator can always take over timed movements, speeding them up, slowing them down or stopping them, as the situation dictates. Several rigging elements can be synchronized to move together as a single element. The system accommodates a maximum of 128 different motors, of which, up to 20 are movable simultaneously.

Positioning accuracy is within one millimeter for a given load. Speed control is

continuously variable from full stop to maximum allowable speed. These speeds are limited only by the capacities of the motors being controlled. Typical is a top speed of 1.2 meter/second for loads of up to 250 kilograms.

A high-resolution colour monitor displays the positions of the rigging elements graphically. A maximum of 18 elements can be shown at the same time. Dynamic formatting of the monitor display, however, allows the operator to see the most interesting elements at any given time.

The 3.5-inch floppy disk drive serves as the external memory for a complete programme of rigging presets. A single disk provides library storage for several such programmes.

AVAB Rigging Control places a great emphasis on safety. A "deal man's switch" must always be activated to allow any rigging movement. The system also detects unwanted changes in load amounts, that is, can sense "lost" or increased weight. Line slack and end positions are constantly monitored.

The system scrutinizes all commands so that those calling for illegally fast acceleration or braking of rigging elements are overridden and altered to remain within operating safety parameters. All necessary accelerations and retardations are executed automatically as a function of the timed "crossfades" between different rigging presets.

AVAB Rigging Control is also equipped with a Remote Control facility, from which most functions can be activated. This means



that the operator can always control rigging from the best vantage point — another significant contribution to safety.

The optional alphanumeric keyboard allows the operator to augment rigging programmes with text information. Finally, AVAB Rigging Control can operate in synchronization with the VIKING light-board for complete co-ordination of lighting and scene changes.

Further information from CCT Theatre Lighting Ltd., 26 Willow Lane, Mitcham, Surrey, CR4 4NA.

Nickel Cadmium Battery Analyser

A fully automated test device for camera and lighting batteries is announced by



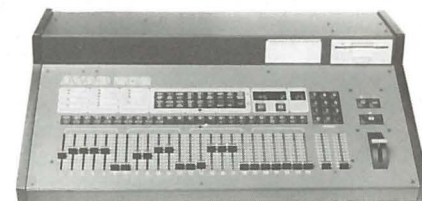
Colortran U.K. Developed to enable T/V crews and OB photographers to check that batteries drawn from stores are capable of being charged and re-charged with reliability in the field. The Analyser provides all essential information on the condition of the battery as well as providing the means for balancing the cell pack for more efficient charging. Thus it will indicate controlled rate of battery discharge and charge levels and can be used to analyse 9v - 12v - 20v - 24v and 30v packs.

More information from Colortran U., Burrell Way, Thetford, Norfolk.

A challenge to big boards

The AVAB 202 presents a real challenge to the big expensive lighting board. Packed into its small dimensions (25 x 16 x 5 1/2 inches) is an amazing range of programming functions and enough software capability to handle almost any lighting situation and up to 240 control channels in theatres and television studios.

In use the 202 combines the reassuring "hands-on" -feeling of a manual board with all the refinements which only a computer board can offer. The faders can be used to set individual channel levels or to master entire presets. With the split crossfader crossfades can be executed manually. Fade times can be modified with the "joystick". There is fingertip access to every aspect of the lighting programme.



AVAB has done away with the long chains of commands to execute rudimentary programming routines. Press the key and the corresponding function is executed immediately or enter a number and define it with a functions key. It couldn't be simpler. Even more complex operations, such as programming chase effects, can be reduced to this concise method of data entry. Creating the lighting programme is quick and easy allowing adjustments during the performance with a minimum of effort.

Further information from CCT Theatre Lighting Ltd., 26 Willow Lane, Mitcham, Surrey CR4 4NA.