



LINKLIGHT MULTIPLEXER



THE LINKLIGHT

The LINKLIGHT is a bi-directional Multiplexer/Demultiplexer that may be switched to either receive Digital signals and convert them to Analog or to receive Analog signals and convert them to Digital signals for transmission.

As a demultiplexer the LINKLIGHT accepts a multiplexed digital input and provides 48 Analog outputs. The Analog outputs are ± 10 volts nominal and adjustable $\pm 20\%$.

It is possible to link a number of units to provide up to 999 Analog outputs. The starting 'Address' of the Digital levels to be received and converted can be set between 1 and 999. Should the Digital input signal to the LINKLIGHT be interrupted the last signal to the dimmer racks is maintained.

As a multiplexer the LINKLIGHT is capable of converting Analog signals to multiplexed digital signals. The Analog input is ± 10 volts nominal and adjustable $\pm 20\%$. It is possible to link a number of units to provide up to 999 multiplexed digital outputs.

Two standard communication modes are available—USITT DMX512 and AVAB.

Each LINKLIGHT can mount into a standard 482.6mm (19") rack and is one (1) standard rack unit high—44mm (1.75").

The LINKLIGHT has male and female 5 pin 'XLR' style microphone connectors located on the front panel to receive/transmit a multiplexed digital control signal and to provide looping with other modules. There are four DB15 connectors to receive/transmit the Analog signal. In addition there are three 'Address' switches for setting the number of the first Analog or Digital output channel. Any 'Address' between 1 and 999 can be selected.

Dimensions:

430mm x 132mm x 44mm

Construction

Constructed from mild sheet steel. The chassis is finished in blue baked enamel and the cover has a black textured powder coating.

Weight:

2.75kg

Avolites Production Company Limited

184 Park Avenue London NW107XL.

Telephone (01) 965 8522 Telex 24652 Spoton G. Facsimile (01) 965 0291

Avolites Inc.

9700 Owensmouth Avenue. Unit B Chatsworth CA 91311.

Telephone (818) 709 1116. Telex 705035 Avolites. Facsimile (818) 709 0153

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