

XTBA SMART LINK2

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XTBA

35 Fernleigh Road London N21 3AN

 +44 (0)208 882 0100  +44 (0)208 882 9326

E.mail dmx@xtba.co.uk. <http://www.xtba.co.uk>.

The XTBA Smart Link2 is a self contained dual converter that will convert Strand's D54 to DMX512 and DMX512 to D54 lighting control protocols. D54 is an serial analogue multiplex protocol. Each frame of D54 comprises of up to 384 dimmer channels.

D54 to DMX512 Conversion

The Smart Link2 will convert D54 to DMX512 via the right side of the unit. When D54 is present the Green LED will be lit. If the D54 input stops for more than 2 seconds the LED will turn off and the last frame transmitted.

As D54 has only 384 channels the maximum number of DMX channels converted is 384. The unit transmits the full 512 channels in DMX but the unused channels are set to zero.

The D54/DMX section features a digital filtering section. This will attempt to reduce jitter caused by the analogue nature of the D54 protocol which can give problems with scrollers and moving lights. However the 'trade off' is that the system's conversion accuracy will be slightly degraded.

DMX512 to D54 Conversion

The Smart Link2 will also convert DMX512 to D54 via the left side of the unit. When DMX is present the Green LED will be lit. If the DMX input stops for more than 2 seconds the LED will turn off and the last frame will be transmitted. As D54 has only 384 channels the maximum number of DMX channels converted is 384. Shorter frame DMX inputs e.g. below 384 will result in a corresponding D54 output.

The set up LED is not used on this model.

POWER SUPPLY

The mains input to the transformers is via a 2A a/s fuse and the transformer may be switched to 120 volt operation via the internal PCB mounted selection switch. A spare fuse is provided in the input connector block on the rack unit.

19" Rack Mounting

The rack version of the XTBA Smart Link2 is provided with a pair of 'ears' for fitting into a 19" rack frame. The ears are fitted to the unit by removing the two screws on either side at the front of the unit. The stick on rubber feet (used when the unit is free standing) will need to be removed from the underside of the unit.

Technical Specifications 19" Rack.

Dimensions	230/270 mm inc.front handles x 430mm x 40mm
Weight	4.0 Kg
Power	190/250V AC Nominal 2A 240V AC
Data	DMX512 1986/1990
Pin Configuration	Pin 1 Common, Pin 2 minus data, Pin 3 plus data. Pins 4 and 5 are not connected on any connectors.

General Information

This product may only be used for controlling dimmers and moving lights. It must not be used in DMX512 applications for stage machinery or pyrotechnics. Using the product out of these specifications will remove all responsibility from the supplier.

CE Declaration of conformity

XTBA declares that the following equipment meets the requirements of the EMC Directive 89/366/EEC.



WEE/FC2753ZS