

XTBA SMART SPLITTER 4D DIN RAIL

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XTBA SMART SPLITTER 4 D

The XTBA SMART SPLITTER 4D is a single input, four output data splitter with isolation and buffer amplifiers in a 4 module DIN rail mount case. Designed for use with lighting/moving light controls using USITT DMX512 (1990/1986) protocol. Opto isolation is provided between the input and the four outputs. The four outputs are fully buffered.

The unit can either be mains powered 120 or 230V AC or for use with LED power supplies can be powered via 24 to 48 volts DC dependant on type ordered. The power requirements are on the front label.

SYSTEM OPERATION

DISPLAYS

The Smart Splitter will display the following.

POWER ON via the red LED. Show that the on board power supply is active. DATA active via the green LED. In normal operation the data LED may flash as it detects the data breaks. Slow data or long breaks will also make the data LED flash. The data LED tells you there is something happening on the line. It will not tell you if the data is good or indeed DMX512.

POWER SUPPLY – MAINS UNIT

The mains input to the transformer is via a 2A a/s fuse mounted on the PCB. An Earth terminal is provided as a loop through. The unit does not need its own earth.

POWER SUPPLY – LOW VOLTAGE DC UNIT

Power to the unit can be derived from a LED power supply between 24 to 48 volts.

Dimensions	4 DIN MODULE, WIDTH = 70mm
Weight	150g
Power	120/230VAC or 24 to 48V DC dependant on unit type
Data	DMX512 1986/1990

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

