specification

Demux 48

General Specifications

Description :

The Demux 48 is designed to convert USITT DMX 512 into analogue control. The outputs from the Demux unit can be +5, +10 or +15 volts and, with the addition of a negative output kit, can simultaneously provide a negative voltage output.

Main Features :

- 48 output channels
- Programmable start channel
- Programmable backup memory
- Programmable channel laws
- Channel test facilities
-

Specifications :

- Number of channels : 48
- Dimming Laws available : 4
- Backup memories : 1
- Power Supply : Internal with fuse, mains inlet via CEE22 panel mounted plug.
- Supply Voltage : 200-260 VAC / 100-130 VAC
- DMX Input : XLR5 fixed plug.
- DMX Through : XLR5 fixed socket; USITT DMX512 transmitted.
- Analogue Outputs : 0 to +5/10/15 volts (internally selectable) via 8 x 8 pin locking DIN connectors. Rear panel pre punched for Socapex and QM connectors. One or two optional 24 channel negative output kits may be fitted. Max current 5mA per channel, short circuit protected.
- Dimensions : 433mm (W) x 240mm (D) x 85mm (H)
- Weight : 5Kg

Supplied Accessories :

- Operating manual
- Spares Kit

Ordering Information :

- Demux 48 : 00-276-00
- 24 Channel Negative Output Kit : 00-291-00

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Engineering Specifications

Electronics

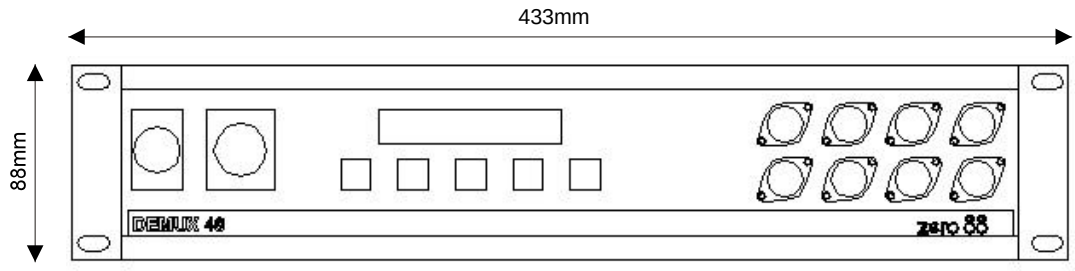
The unit shall provide 48 channels of digital to analogue demultiplexing. The unit shall provide a backup memory for use in the event of DMX input signal failure.
The unit shall accept a USITT standard DMX signal and provide 48 channels of analogue control. The analogue voltage shall be selectable via internal links. The DMX start address for the unit shall be selectable via the front panel controls.
The dimming law for each channel may be selected via the front panel controls and may be set to : linear, s-law, square or switch-law.
Individual channels shall be available for test via the front panel controls. Operation
The unit shall provide indication of the DMX start address via 7 segment displays on the front panel. The status of the incoming DMX signal shall be displayed via a front panel LED.

Electrical

The unit shall operate from a single phase supply. Supply voltage shall be 200-260 VAC or 100-130 VAC.
The unit shall consume no more than 22 Watts.

Mechanical

The unit shall be designed to be freestanding or mounted in a 19" rack. The unit shall be 433mm wide x 240mm deep x 85mm in height.
The chassis of the unit shall be constructed of extruded aluminium. The panels of the unit shall be constructed of heavy gauge steel, folded to shape. All metal surfaces shall be properly treated and finished with specialist paints or powder coat.
The unit shall have pre-punched holes with blanking plugs in the rear panel to accept Socapex or QM connectors.
All operator controls and displays shall be provided on the front surface of the unit. All legends shall be screen printed. The LED displays shall be covered with a protective clear plastic panel.
The operating environment for the console shall be +5 deg C to +40 deg C.



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