specification

DMX DeBug

General Specifications

Description :

DMX DeBUG provides all the features regularly needed by both theatre and touring staff. DMX DeBUG is a small hand-held DMX512 receiver and transmitter.
It can operate as a Moving Lamp tester, a Flicker Finder or as a Rigger's Remote. It is powered by an internal rechargeable battery, with a normal life of 25 hours and uses a high brightness backlit LCD screen.

Main Features :

- Displays DMX signal information
- 15 preset memories
- 512 channels
- Buffers, cleans and boosts incoming DMX & MIDI signals
- Built in moving light library
- Automatic backup on DMX failure
- Cable test facilities
- Internal, rechargeable battery

Specifications :

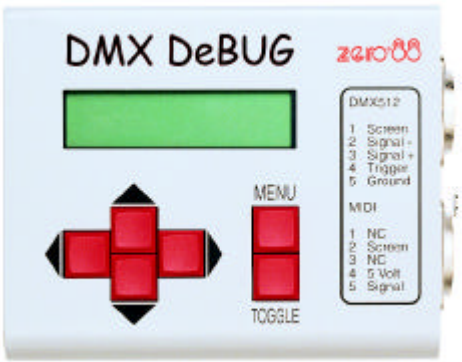
- Control Channels : 512
- Backup memories : 15
- Moving light personalities : 192
- Power supply : Internal rechargeable battery (estimated life 25 hours) External charger with CEE22 inlet connector, 9VDC
- Mains supply voltage : 90-250VAC
- DMX Input : XLR5 fixed plug.
- DMX Output : Retransmits USITT DMX512 with user defined parameters via an XLR5 fixed socket.
- Dimensions : 125mm (W) x 98mm (D) x 45mm (H)
- Weight : 0.52 Kg

Supplied Accessories :

- Operating manual
- Soft carrying case
- Universal power supply / charger

Ordering Information

DMX DeBug : 00-721-00



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Engineering Specifications

Electronics

The multi-function DMX unit shall provide functions for up to 512 channels of DMX control.
The unit shall have a numeric keypad and menu navigation buttons for control and programming.
The unit shall provide user feedback via a backlit LCD display.
The unit shall be capable of receiving and analysing USITT standard DMX data and re-transmitting that data with user-defined parameters. The unit shall have the ability to record, edit and replay lighting states. Lighting states may be edited using the front panel buttons, or may be grabbed directly from the incoming DMX signal.
Lighting states shall be replayed using the front panel buttons.
The unit shall feature diagnostic and test facilities for the incoming DMX signal and for cables, all test routines shall be accessible via LCD menus.
The unit shall feature built in moving light personality data and be capable of testing both dimmer and moving light rigs. The unit shall have a number of automated test routines pre-programmed as well as allowing manual test procedures.

Operation

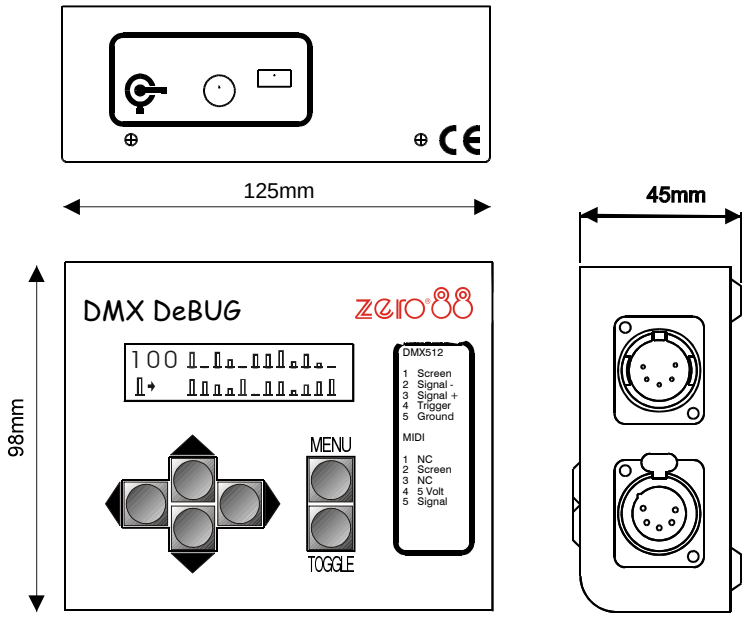
The unit shall utilise a backlit LCD display for all operations and for user feedback. The LCD display shall provide information about the incoming DMX signal including : 24 channel bargraph and 6 channel numeric channel display, decimal, hexadecimal and percentage readouts, maximum, minimum and current channel levels, DMX update rate, mark after break time, number of received channels. The unit shall automatically switch to a backup state in the event of a DMX signal failure.

Electrical

The unit shall operate from internal rechargeable batteries with an estimated life of 25 hours. The unit shall use an external power supply for battery charging and mains operation. The power supply voltage shall be 90-260 VAC. The unit shall consume no more than 300mW.

Mechanical

The unit shall be designed to be freestanding or hand-held. The unit shall be 125mm wide x 98mm deep x 45mm in height. The unit shall weigh no more than 0.55 Kg.
The unit shall be constructed from heavy gauge steel, rolled and folded to shape. All metal surfaces to be properly treated and finished in specialist paints or powder coat. All operator controls shall be on the top surface of the unit, the control legends shall be screen printed.



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