

GENERAL SPECIFICATIONS

DESCRIPTION

The multipurpose Linebacker is arguably the most comprehensive DMX tool available in the entertainment lighting market, ingeniously housing 4 separate functions in one elegant box. Linebacker is : A 60 Memory emergency backup device, a DMX signal test tool, a standalone compact lighting desk, a programmable scene/effect sequencer.

MAIN FEATURES

- ▶ 512 channels
- ▶ 60 random access memories
- ▶ Memory functions: grab, edit, program
- ▶ Audible and visual warning of DMX failure
- ▶ DMX 'clean-up' functions
- ▶ 'Go' button for memory playback



SPECIFICATIONS

- ▶ Control channels : 512
- ▶ Backup memories : 60
- ▶ Power supply : UK Plug mounted or in line power supply with Schuko trailing lead.
- ▶ Supply voltage (European version) : 200-260 VAC 50Hz
- ▶ Supply voltage (US version) : 100-130 VAC 60Hz
- ▶ DMX Input : XLR5 fixed plug.
- ▶ DMX Output : XLR5 fixed socket. Retransmits USITT DMX512 data with user defined parameters : Break 44-255uS, Mark after break 4 or 8uS, up to 512 channels, break to break to 87mS, interbyte gap to 99uS, single packet or continuous transmission. DMX Loading Less than 1 unit load.
- ▶ Dimensions : 125mm(W) x 265mm(D) x 66mm(H)
- ▶ Weight : 1.75 Kg

SUPPLIED ACCESSORIES

- ▶ Operating Manual
- ▶ Wall mounting bracket

ORDERING INFORMATION

- ▶ Linebacker (with UK 13A PSU) : 00-720-11
- ▶ Linebacker (with Schuko / French PSU) : 00-720-21
- ▶ Linebacker (with N American U Ground PSU) : 00-720-54



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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 user shall have the ability to adjust the following : Break 44-255uS, Mark after break 4 or 8uS, up to 512 channels, break to break to 87mS, interbyte gap to 99uS, single packet or continuous transmission.

The unit shall provide an audible and visual warning in the event of DMX input data loss and shall hold the last signal until the input is re-established or until user intervention.

The unit shall have the ability to record, edit and replay lighting states, along with associated fade times. Lighting states may be editing using the numeric keypad, or may be grabbed directly from the incoming DMX signal.

Lighting states shall be replayed using the 'Go' button, the operator shall have the ability to override recorded fade times with a front panel control.

The unit shall feature a sequence mode, allowing stored memories to be automatically replayed in order. The unit shall feature diagnostic and test facilities for the incoming DMX signal, all test routines shall be accessible via LCD menus.

OPERATION

The unit shall utilise a backlit LCD display for all operations and for user feedback. The unit shall have a 'super user' mode containing advanced functions.

The unit shall have a selectable recovery option in the event of a power failure.

ELECTRICAL

The unit shall operate from a single phase supply. Supply voltage for European variants shall be 200-260 VAC 50Hz, supply voltage for US variants shall be 100-130 VAC 60Hz.

MECHANICAL

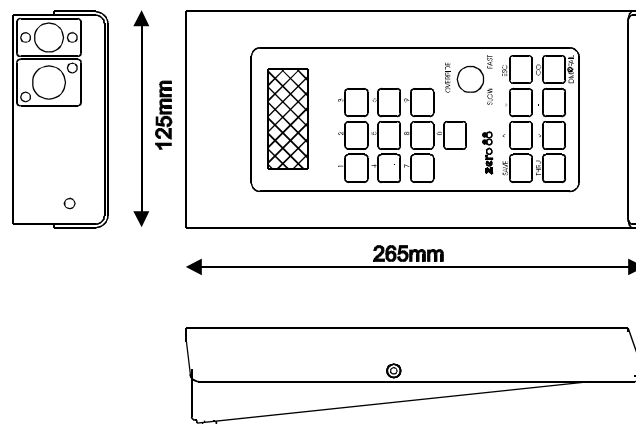
The unit shall be designed to be freestanding. The unit shall be 125mm wide x 265mm deep x 66mm in height. The unit shall weigh no more than 1.75Kg.

The unit shall be constructed in two parts, with a main electronics housing and cover panel.

The electronics housing shall be constructed from 0.9mm steel, folded into shape. The cover panel shall be constructed from 0.9mm steel, folded into shape. All metal surfaces shall be properly treated and finished in specialist paints or powder coat.

The control surface shall be 1.2mm zinc plated steel with 0.25mm multi-colour, reversed printed polycarbonate overlay with a clear, protective panel covering the LCD screen. All operator controls shall be provided on the top surface of the unit.

The operating environment for the unit shall be +5°C to +40°C.



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