

# LEVEL 12 PLUS MK2

## GENERAL SPECIFICATIONS

### DESCRIPTION

The Level 12 Plus Mk 2 represents a cost effective manual lighting solution. It is a two preset 12-channel console with fade time control and the ability to flash individual channels. All cross fades are dipless.

A wide mode feature allows 24-channel operation, with an internal scene store for preset operation. A sequence feature allows programming of a chase, and can also be used as a playback stack. Output is via DMX only.

### MAIN FEATURES

- ▶ 12 / 24 channels
- ▶ 2 preset manual operation
- ▶ Wide Mode
- ▶ 12 Flash Buttons
- ▶ Flash selectable for channels 1-12 or 13-24 in Wide Mode
- ▶ True Dipless Crossfading
- ▶ Grand Master
- ▶ DMX Output
- ▶ Selectable Flash Function
- ▶ Sequence function of up to 80 steps
- ▶ Sequence Master

### SUPPLIED ACCESSORIES

- ▶ Operating Instructions.
- ▶ External Power Supply

### ORDERING INFORMATION

- ▶ Level 12 Plus DMX - Mk2  
(UK 13A PSU) : 00-647-11
- ▶ Level 12 Plus DMX - Mk2  
(Schuko/French PSU): 00-647-21

### SPECIFICATIONS

- ▶ Control Channels : 24
- ▶ Channel Faders : 24
- ▶ Preset Master Faders : 2
- ▶ Fade Time Controls : 1
- ▶ Sequence Speed Control : 1
- ▶ Sequence Master Fader : 1
- ▶ Flash Buttons : 12
- ▶ Power Supply : In-line transformer, CEE22 input, 4 pin locking DIN output
- ▶ Supply Voltage : 100 - 240 Volts AC
- ▶ Supply Frequency : 50 60 Hz
- ▶ DMX Output: DMX 512 via XLR 5 fixed socket. Data output to USITT DMX-512 1990. Data on channels 1-24. Overvoltage protected
- ▶ Dimensions : 452mm(W) x 389mm(D) x 87mm(H)
- ▶ Weight : 5 Kg



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# LEVEL 1 2 PLUS MK2

# SPECIFICATIONS

## ENGINEERING SPECIFICATIONS

### ELECTRONICS

The lighting control console shall provide 24 channels of control with a total of 24 channel faders arranged in a 2 preset configuration. Each preset shall have an overall preset master control. The preset master controls shall be arranged in an opposing fashion such that single movement crossfades can be achieved.

Two preset operation in Wide mode shall be achieved by means of storing one preset in internal memory, which shall be mixed with the front panel preset.

Crossfades between the two presets shall be microprocessor controlled and provide true dipless operation.

Each channel shall have an independent flash button located beneath the lower preset faders. The flash function shall be selectable for channels 1-12 or 13-24 in Wide Mode.

The flash buttons shall have a selectable on / off function operated by a separate control with an LED status indicator.

The console shall store and playback a sequence with a maximum of 80 steps. The sequence speed shall be controlled by an independent speed control that shall also have a manual step setting. The sequence shall have an independent master control. The control console shall have an overall Grand Master control.

The console shall have a rear-mounted control output connector. The console shall be DMX equipped and shall have a single XLR5 fixed socket with overvoltage protection.

The console shall be tested both at assembly and at finished product stages and be soak tested for a minimum of 12 hours.

### ELECTRICAL

The console shall provide clear indication of power supply, flash function, wide mode and sequence status via front panel LEDs.

### OPERATION

The console shall provide clear indication of power supply, flash function, wide mode and sequence status via front panel LEDs.

### MECHANICAL

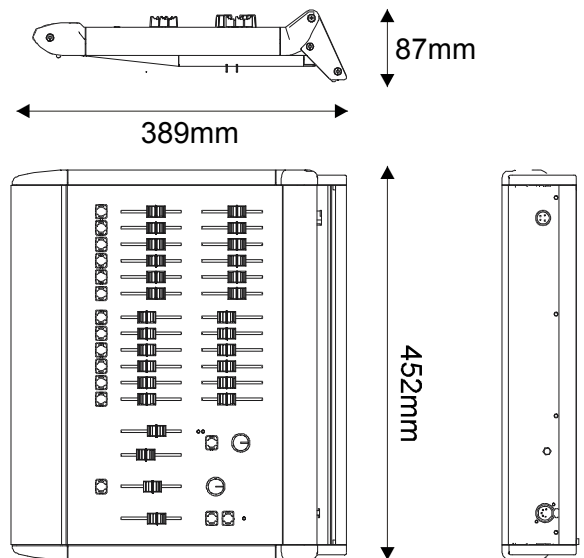
The lighting control console shall be designed to be free-standing, and feature an integral carrying handle at the rear.

The console shall be 452mm wide, 389mm deep and 87mm in height. The console shall weigh no more than 5 Kg.

The chassis shall be constructed of extruded aluminium and be provided with a removable steel base for access to internal electronics. The corners of the chassis shall be constructed of injection moulded self-coloured ABS / Polycarbonate alloy. All metal surfaces shall be properly treated and finished in specialist paint or powder coat.

The control surface shall be 1.2mm zinc plated steel with 0.25mm multi colour reverse-printed polycarbonate overlay.

All operator controls and displays shall be provided on the top operating surface of the console.



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