SPECIFICATION

JUGGLER

GENERAL SPECIFICATIONS

DESCRIPTION

The Juggler represents a cost effective manual lighting solution. It is a two preset 12-channe console with fade time control and the ability to flash individual channels. All cross fades are true dipless. The ability to hold constant lighting levels and varying fade times allows sophisticated lighting plots to be replayed simply and accurately.

A wide mode feature allows 24-channel operation, with an internal scene store for two-preset operation.

A sequence feature allows programming of chases or playback stacks. Up to 12 sequences of 99 steps can be recorded on the desk. (Only 1 of the 12 sequences may be output at any given time). Sequences can be played back using the auto function with the ability to set the chase time using the speed pot. Sequences can also be stepped through manually. In manual mode the time pot used for the A/B faders can be used to set the fade time between steps.

To allow seamless integration of a chase into a look there is a sequence master. Sequence steps can contain single or multiple channels. Up/Down and Shift buttons, together with the associated display, allow a sequence and step to be selected for programming, editing or deletion. Output from the Juggler is via DMX only.

MAIN FEATURES

- 12 / 24 channels
- 2 preset manual operation with timed crossfade
- Wide mode
- Flash Buttons with selectable Flash function
- 12 Sequences of 99 steps (can be used as chases or playback stacks)
- Sequence/Step display
- Sequence master
- Speed control
- True dipless crossfading
- Grand Master
- DMX Output

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- Control Channels : 24
- Channel Faders : 24
- Flash Buttons : 12
- Preset Master Faders : 2
- Fade Time Controls : 1
- Sequence Speed Control : 1
- Sequence Master Fader : 1
- Sequence/Step Indication : 2-digit 7-segment display
- Grand Master Fader : 1
- Power Supply : In-line transformer, CEE22 input, 4 pin XLR 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 : 483mm(W) x 279mm(D) x 88mm(H)
- Weight : 4.5 Kg

SUPPLIED ACCESSORIES

- Operating Manual
- Power Supply

ORDERING INFORMATION

- Juggler with UK 13A PSU : 00-129-11
- Juggler with French/Schuko PSU : 00-129-21
- Fibreboard Flight Case : 00-764-00
- Heavy Duty Flight Case : 00-766-00

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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 12 sequences (1 at a time) with a maximum of 99 steps each. It shall be possible to select any step of any sequence for programming, editing or deletion. The selected sequence or step shall be indicated by a 2-digit 7-segment display.
The sequence speed shall be controlled by an independent speed control which 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 during assembly and at finished product stages.

OPERATION

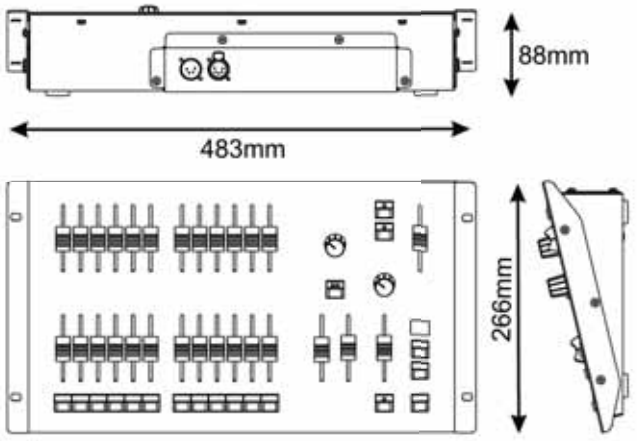
The console shall provide clear indication of power supply, flash function, wide mode and sequence status via front panel LEDs and displays.

ELECTRICAL

The console shall operate from a single phase mains power supply. Supply voltage shall be 100 - 240 VAC. Supply mains frequency shall be in the range 50 - 60 Hz. The unit shall consume no more than 10 Watts.

MECHANICAL

The chassis shall be constructed of steel and shall be provided with a removable steel front panel for access to internal electronics. The console shall be configured for both desktop and19" 6U rack mounted operation. All metal surfaces shall be properly treated and finished in specialist paint or powdercoat.
The control surface shall be 1.6mm zinc plated steel.
All operator controls and displays shall be provided on the top operating surface of the console.
The console shall have rear-mounted connectors for power supply and DMX on a recessed panel.
The console shall be 483mm wide, 279mm deep and 88mm in height. The console shall weigh no more than 4.5 Kg.



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