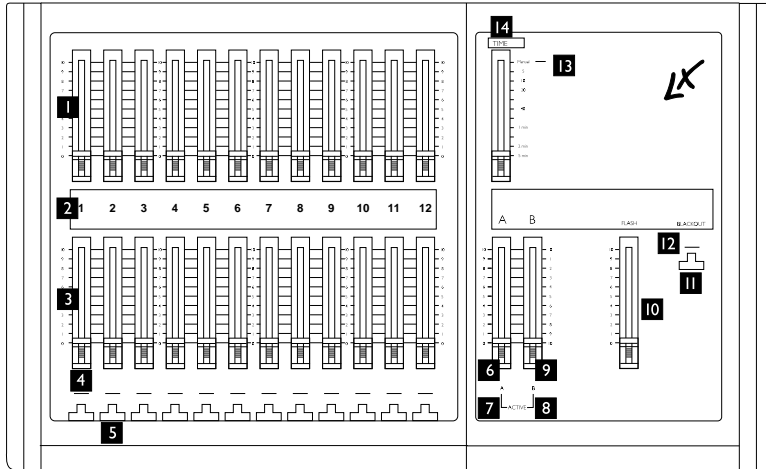




Strand Lighting

PRODUCT DATA

LX Manual Lighting Control Desk



1. 'A' preset faders
2. 'Write-on' label
3. 'B' preset faders
4. Channel indicators LED's
5. Channel flash buttons
6. 'A' Master fader
7. 'A' preset active LED
8. 'B' preset active LED
9. 'B' Master fader
10. Flash level fader
11. Blackout switch
12. Blackout LED
13. Manual crossfade indicator LED
14. Crossfade time fader

LX 12

12 channel 2 preset manual control desk with +10V output on a Miniature D socket. Desks are powered by external power supply (not included). Requires control cables, and power supply.

- 15VDC 12 2 12 0 to +10V 2 x 12
- 452 x 285 x 65mm 2kg 452 x 350mm
- 2.4kg 0.025m³ SELV

Cat. No.	Description
61212	LX12 manual desk, +10V output
66112	LX12 manual desk, -10V output

LX 18

18 channel 2 preset manual control desk with -10V output on DIN 8 socket. Desks are powered by external PSU or two Act 6+ or Act 3+ Analogue Dimmer Packs. Requires control cables and PSU.

- 15VDC 18 18 0 to -10V 2 x 18
- 600 x 285 x 65mm 3kg 600 x 350mm 4kg
- 0.025m³ SELV CE i 6.4.1

Cat. No.	Description
61118	LX18 Manual Desk, -10V Output

LX 24

24 channel 2 preset manual control desk with +10V output on two Miniature D sockets. Desks are powered by external power supply (not included). Requires control cables, and power supply.

- 15VDC 24 24 0 to +10V 2 x 24
- 714 x 285 x 65mm 4kg 714 x 350mm
- 5kg 0.025m³ SELV

Cat. No.	Description
61224	LX24 manual desk, +10V output
66124	LX24 manual desk, -10V output

LX Accessories

Cat. No.	Description
66090	DIN8 2m control cable
66091	DIN8 5m control cable
66092	DIN8 25m control cable
66093	Min-D15 5m cable to open-ends
66102	Power supply, 13A UK plugtop
66103	Power supply, Schuko style plugtop

A GUIDE TO SYMBOLS AND ABBREVIATIONS

GENERAL 15VDC Supply voltage 12 Number of channels 24 Number of dimmers 2 Number of faders
 12 0 to +10V Control protocol Analogue A dc signal where the voltage is directly proportional to the intensity of the light. Typically 0V is off, and +10V is full on 2kg Weight of product 452 x 350mm Overall dimension of product
 2.4kg Packed weight 0.025m³ Packed volume SELV Desk space required CE Compliance with international standards.

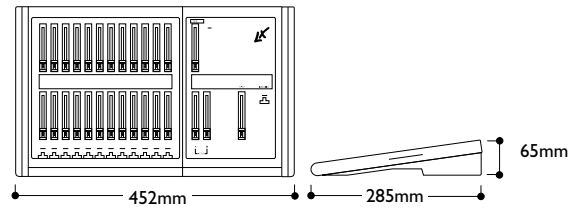
6.4.1

CONTROLS

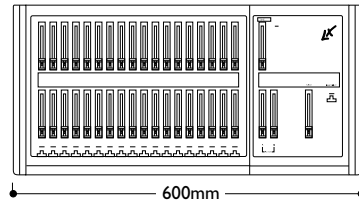
LX™

12, 18 & 24 Channels

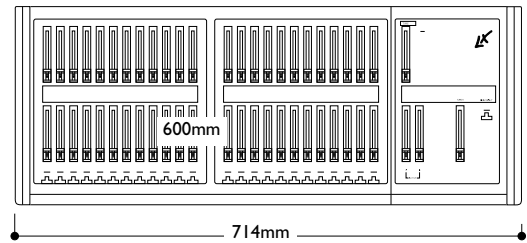
LX12



LX18



LX24



- 2-scene preset manual analogue control console with "slider per dimmer" operation
- Basic lighting control for small venues, drama studios, schools, clubs, video studios and for optional remote submasters with memory consoles
- 12, 18 and 24 channel versions
- Lightweight and portable
- Output LED mimic
- Split dipless manual or timed crossfades
- Individual flash button per channel
- Flash level master
- Blackout switch & status indicator
- Grey finish with light grey key caps
- Requires external power supply

Electrical Data

Supply Voltage	-18V DC \pm 10%.
Cable/Connection	15 pin Min-D panel socket (s). Cable size depends on length: 0.22mm ² (up to 100m), 0.5mm ² (up to 200m).
Input Current	12 channel 110mA 24 channel 180mA
Control Outputs	+10V versions: 0V (off) to +10V (full on) via a 1k Ω resistor and silicon diode. -10V versions: 0V (off) to -10V (full on) via a 1k Ω resistor and silicon diode.
Standards Compliance	SELV

Environmental Data

General	Office level conditions, with a minimum of dust.
Max Operating Ambient Temp	0° to +35°C (32° - 95° F).
Relative Humidity	10% - 95% (non-condensing).
IP Rating	IP20.

Mechanical Data

Construction	Control Surface: Custom designed injection moulded panels in dark grey, with matching fader knobs and push buttons. The control surface has been specially designed with slots to reduce lateral fader knob movement and remote contact switches to ensure reliability.
Controls	Smooth tracking faders and precise action push buttons used throughout.
Case	The LX control panels fit into an extruded aluminium chassis in matching grey, with four rubber feet.

Weights and Dimensions

	LX12	LX18	LX24
Weight	2.0kg (4.4lb)	3.0kg (6.6lb)	4.0kg (8.8lb)
Length	425.0mm (17.8")	600.0mm (23.6")	714.0mm (28.1")
Width	285.0mm (11.2")	285.0mm (11.2")	285.0mm (11.2")
Height	65.0mm (2.6")	65.0mm (2.6")	137.0mm (5.4")
Packed Weight	2.4kg (5.3lb)	4.0kg (8.8lb)	4.4kg (10.0lb)

Operational Data

Channel Faders	Two faders for each channel, mounted one above the other as two presets. Each preset of channel faders is under the control of a separate master fader.
Master Faders	Two master faders mounted adjacent and in opposition so that a dipless crossfade is performed by moving both faders in tandem. If the master faders are set at opposite ends of their scales, the LX will either mix both presets (both at 10) or blackout (both at 0).
Timed Fades	If the time fader is set to a time from 1 second to 5 minutes, the crossfade will complete in the time set after the master faders move to the other end of the scale.
Flash Effects	A flash master fader sets the maximum level for any channel when its flash button is pressed. If the flash master is set to zero, the flash buttons are disabled.
Displays	LED indicators for 'A' & 'B' faders to show active preset, channel indicators to show active channels, manual level selected indicator, and blackout active indicator.
Blackout	When the blackout button is pressed, the LED lights, and all channels are set to zero. Pressing the blackout button again extinguishes the LED and resets the channels to their previous levels. If power is disconnected to the LX while blackout is active, the desk will retain the blackout condition if power is resumed within a 5 minute period.



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