



Chroma-Q™ M8-Lite Plus Colour Changer

Part No:
CHCQM8P

S P E C I F I C A T I O N S H E E T

V 1.2

DESCRIPTION

The scroller shall provide control of a user customised internal gel string containing from 2 to 16 frames.

The scroller shall be compatible with lighting fixtures up to 480mm / 18.8" x 630mm / 24.8" rectangular apertures and provide a choice of mounting plates for different fixtures.

The scroller shall be controlled via the industry standard ANSI E1.11 USITT DMX 512-A protocol. Power and data transfer shall be provided by means of an XLR 4-pin connector. The DMX system shall allow for group of individual addressing of units.

The scroller shall have an integral cooling fan and diagnostic LED indicators showing Power, DMX signal and DMX level.

The scroller shall be addressed digitally using the LED display and the three push-button switches. These switches shall also be used to select mode of operation, scrolling speed and cooling fan speed.

FEATURES

- Fits all industry standard 8-Lite blinder fixtures.
- Fast to rig and de-rig.
- Easy replacement of scrolls without dismantling unit.
- 2-16 frames
- Full LED display control and operation status indicators.
- Digital circuitry control of fan speed, motor scrolling speed, gel saver mode and reset.
- 4 mode variable fan speed.
- 2 mode variable motor scrolling speed.
- Gel saver mode.
- Power assist colour scroll loading.
- Fast scrolling access time.
- Highly reliable design.
- Rugged, lightweight construction.
- Easily accessible working components.
- Industry standard connectors.
- Compatible with other Chroma-Q models & accessories.
- Automatic self-calibration.
- Supplied with safety cable.

ACCESSORIES

Model	Part No.
Chroma-Q 2PU DMX/Power Unit	PS02
Chroma-Q 8PU DMX/Power Unit	PS08
Chroma-Q Magic Box 12PU DMX/Power Unit	MBPS12
16 frame "Theatre" colour scroll	GST16
16 frame "Rock & Roll" colour scroll	GSR16
High temperature clear scroll tape	ST
Various lengths of Tourflex® Datasafe™ cable	
Mounting Plates	
To fit James Thomas Engineering 8-Lite fixture	MP11

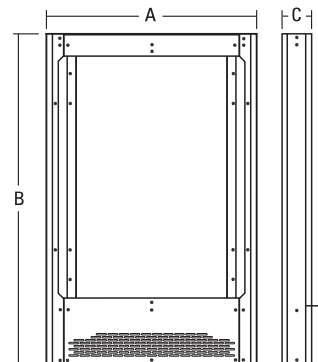
ORDERING INFORMATION

Model	Part No.
Chroma-Q M8-Lite Plus colour changer	CHCQM8P

OVERALL SPECIFICATIONS

Net dimensions:	Width (A): 538mm / 21.2" Height (B): 846mm / 33.3" Depth (C): 118mm / 4.7"
Net weight:	5.6kg / 12.3lbs without brackets
Shipping dimensions:	Width: 555mm / 21.8" Height: 865mm / 34.8" Depth: 140mm / 5.5"
Shipping weight:	7.7kg / 16.9lbs
Aperture:	479mm x 631mm / 18.8" x 24.8"
Frame capacity:	2-16 colours
Colour media:	Pro Color HT+, Rosco Supergel & GAMcolor recommended
Cooling:	Forced air
Cooling speed:	4
Addressing:	Digital, via push buttons (3) and LED display
Working Voltage:	24VDC (+/- 10%)
Power consumption:	1.5PU (see note below)
Protocol:	ANSI E1.11 USITT DMX 512-A
Body material:	Powder-coated aluminium
Colour:	Black (white option)
Mounting plate:	Optional fixing
Connectors:	XLR-4 (male) in & XLR-4 (female) through
Approvals:	complies with EU directives: EMC89/336/EEC Class A. Harmonized standards applied in order to verify compliance with directives: EN 56022:1994, EN50082-1: 1992 & EN 60950 Radiated Emissions: complies with FCC part 15 subpart B, class A for unintentional radiators. Low Voltage Directive: complies with CSA 22.2 950, UL 1950

Note: To simplify the choice of power supply we use the "PU" (Power Unit) to calculate the load requirements of the Chroma-Q system. For example a PS08 will supply up to 8 PU's, so you can plug-in 5 Chroma-Q M8-Lite (5 x 1.5 PU = 7.5 PU) into a PS08.



www.chroma-q.com

