



Chroma-Q™ M5 Plus™ Colour Changer

**Part No:
CHCQM5P**

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

V1.3

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 apertures from 260mm / 10.3" x 260mm / 10.3" to 410mm / 16.1" x 410mm / 16.1" aperture 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

- Suitable for fixtures rated up to 5000W.
- 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 chain.

ORDERING INFORMATION

| Model | Part No. |
|---------------------------------|----------|
| Chroma-Q M5 Plus colour changer | CHCQM5P |

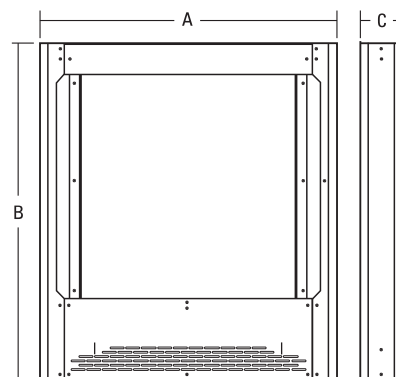
ACCESSORIES

| 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 4-Lite fixture | MP13A |
| Universal Mounting Plate | MP20 |

OVERALL SPECIFICATIONS

| | |
|----------------------|--|
| Net dimensions: | Width (A): 538mm / 21.2" Height (B): 610mm / 24" Depth (C): 76mm / 3" |
| Net weight: | 4.6kg / 10.2lbs |
| Shipping dimensions: | Width: 552mm / 21.8" Height: 632mm / 24.9" Depth: 89mm / 3.5" |
| Shipping weight: | 5.3kg / 11.8lbs |
| Aperture: | 480mm x 406mm / 18.8" x 16" |
| Frame capacity: | 2 - 16 frames |
| 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) |
| Protocol: | ANSI E1.11 USITT DMX 512-A |
| Body material: | Powder-coated aluminium |
| Colour: | Black (white option) |
| Mounting plate: | Optional fixing or universal mounting system fits (10.3" - 16") fixtures |
| 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 8PU's, so you can plug-in 5 Chroma-Q M5 (5 x 1.5PU = 7.5PU) into a PS08.



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