



Chroma-Q™ Plus Colour Changer

Part No: CHCQ1-DP

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

V 1.4

DESCRIPTION

The colour changer shall be compatible with lighting fixtures up to 175mm / 6.8" lens aperture and provide a choice of mounting plates for different fixtures.

The colour changer shall provide control of a user customised internal gel string containing from 2 to 20 frames.

The colour changer shall be addressed using an LED display and menu control buttons.

The colour changer 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 or individual addressing of units.

The colour changer shall provide variable digital control of fan speed, motor scrolling speed, gel saver mode and reset.

The colour changer shall provide a single channel control mode or two channel control mode of individual DMX features via a console.

The colour changer shall have an internal cooling fan and diagnostic LED display showing Power, DMX signal and DMX level.

The colour changer shall be manufactured from composite material.

Note: To simplify the choice of PSU we use the "PU" (Power Unit) to calculate the load requirements of the Chroma-Q system. For example a CHPS08 will supply up to 8PU's, so you can plug-in 8 Chroma-Q Plus (8 x 1PU = 8PU) into a CHPS08. Gel strings used in the Original are fully compatible with the Plus.

FEATURES

- Suitable for fixtures rated up to 1200 Watts and 175mm / 6.8" lens diameter.
- Choice of mounting plates available for variety of fixture sizes.
- Optional universal mounting plate also available.
- 2 - 20 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 color scroll loading.
- Fast scrolling access time.
- Quick access hinges and removable take-up reels provide easy replacement of scrolls without requiring any tools.
- Highly reliable design.
- Rugged, lightweight construction.
- Easily accessible working components.
- Industry standard connectors.
- Compatible with other Chroma-Q models and accessories.
- Automatic self-calibration.
- Supplied with safety bond.
- Recyclable and conforms to WEEE and RoHS legislation.

ORDERING INFORMATION

Model
Chroma-Q Plus colour changer

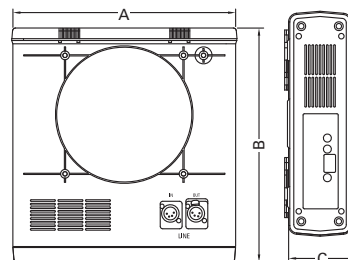
Part No
CHCQ1-DP

OVERALL SPECIFICATIONS

| | |
|----------------------|--|
| Net dimensions: | Width (A): 286mm / 11.25" Height (B): 297mm / 11.69" Depth (C): 92mm / 3.61" |
| Net weight: | 2.1kg / 4.5lbs |
| Shipping dimensions: | Width: 300mm / 11.8" Height: 315mm / 12.4" Depth: 130mm / 5.1" |
| Shipping weight: | 2.4kg / 5.3lbs |
| Aperture: | 171mm / 6.75" |
| Frame capacity: | 2 - 20 frames (see note below) |
| Colour media: | Pro Color HT+, Rosco & GAMcolor recommended |
| Cooling: | Single fan design |
| Addressing: | LED display, menu controlled |
| Working voltage: | 24V DC (+/- 10%) |
| Power consumption: | 1PU (see note below) |
| Protocol: | ANSI E1.11 USITT DMX 512-A |
| Body material: | UL94 V0 rated reinforced PBT compound |
| Colour: | Black (white optional) |
| Mounting plate: | Optional fixed or universal mounting system fits 160-254mm/6¼"-10" fixtures |
| Safety cable: | Included |
| Connectors: | XLR-4 (male) in, XLR-4 (female) through |

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 |
| "Theatre" colour scroll (specify no of frames) | GST |
| "Rock & Roll" colour scroll (specify no of frames) | GSR |
| Set of 2 metal end tabs for colour scroll | GT1 |
| High temperature clear scroll tape | CQST |
| Set of 3 composite barndoor tabs | BDT |
| Various lengths of Tourflex® Datasafe™ cable | |
| Mounting Plates | |
| Universal Mounting Plate | MPU |
| 250mm x 250mm / 10" x 10", aperture 165mm / 6.5" | MP1 |
| 190mm x 190mm / 7.5" x 7.5", aperture 165mm / 6.5" | MP2 |
| 160mm x 160mm / 6.3" x 6.3", aperture 125mm / 5" | MP3 |



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