Approvals & Disclaimer

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The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Chroma-Q products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Chroma-Q sole warranty is that the product will meet the Chroma-Q sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Chroma-Q reserves the right to change or make alteration to devices and their functionality without notice due to on-going research and development.

The Chroma-Q Broadway has been designed specifically for the professional entertainment lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.

If you experience any difficulties with any Chroma-Q products please contact your selling dealer. If your selling dealer is unable to help please contact support@chroma-q.com. If the selling dealer is unable to satisfy your servicing needs, please contact the following for full factory service:

Outside North America:
Tel: +44 (0)1494 446000
Fax: +44 (0)1494 461024
support@chroma-q.com

North America:
Tel: +1 416-255-9494
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For further information please visit the Chroma-Q website at www.chroma-q.com.

Chroma-Q is a trademark, for more information on this visit www.chroma-q.com/trademarks.

The rights and ownership of all trademarks are recognised.

Quick Start Guide
Broadway™

For a full product manual please visit www.chroma-q.com

1. Product Description

The Chroma-Q Broadway is a colour changer which is compatible with lighting fixtures of up to 127mm / 5" lens aperture, 26 degree or narrow ellipsoidal fixtures and a mounting plate. The unit provides control of a user customised internal gel string containing 2 to 16 colours.

Note: The quantity of Chroma-Q Broadway is dependent on the size of the PSU/Splitter.
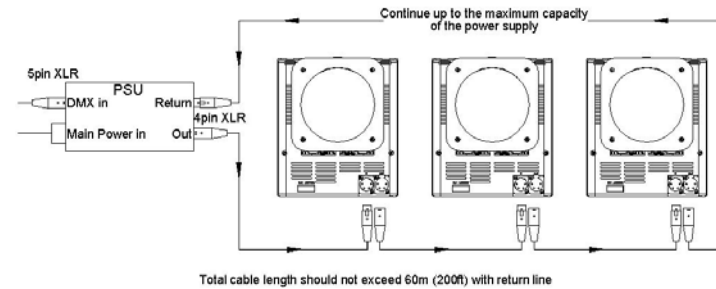
2. Operation

Loading Gel String:
1. Open front lid.
2. Make a hole at the V-notch on the tail end of the gel string and hook to the right side Take Up Reel (TUR).
3. Wind the gel string onto the right side TUR.
4. Hook head end of the gel string to the left side TUR.
5. Hold right side TUR and turn left side TUR 5 full turns to engage spring tension.
6. Close the front lid.
7. Plug in the unit, and check that it goes through the initialisation sequence correctly. Check that the gel runs smoothly and does not bind on the TUR.
8. Run a test sequence for a few minutes (or 3 to 4 times, end to end) to allow the gel string to 'bed' in. The unit does not have to be attached to a fixture.

Note:
- For normal operation, the start of the gel string is on the left-side TUR and the end of the string on the right side TUR, when viewed from the front of the unit.
- Connect and power-up colour changer first before turning lights on. The fan must be running to protect gels from premature failure.
- Poorly optimized light bulbs may result in premature gel failure.

Control and Power Cables:
Connect power and control data from the power supply unit through the XLR 4-pin cable system. Pins 2 and 3 are for ANSI E1.11 USITT DMX 512-A control protocol. Pins 1(-) and 4(+) are for 24V DC power. For daisy chaining, the XLR-4 cable should be run from the output connector on the unit to the next device in the chain. Total cable length must not exceed more than 60m (~200ft.) with return line. Signal input is a male XLR chassis connector and output is a female XLR chassis connector.
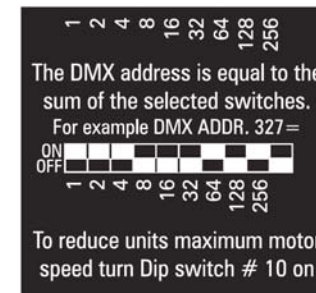

Setting the DMX Address:
The DMX address for each unit is set using the 10 way binary switch on the back of the unit.
1. Push up address switches to the ON setting.
2. Add the address together to reach the control address required. Example: 1+2 = 3, 4+64+256= 324.

A complete chart of dip switch settings for DMX channels 1 to 511 is shown on full User Manual.

Motor Fan Speed:
1. Push up switch 10 on the binary dip switch to the ON position to decrease the inherent motor fan speed.

Mounting:
Mounting bracket for size 158mm / 6.3" x 158mm / 6.3", aperture of 125mm / 5" is available. The Chroma-Q Broadway is designed to be mounted in an upright position with the base of the unit below the fixture. **Always ensure that the safety wire is connected**.

3. Further Information

Please refer to the Chroma-Q Broadway manual for more detailed information. A copy can be found at the Chroma-Q website – www.chroma-q.com – under Support.