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 Mirror 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
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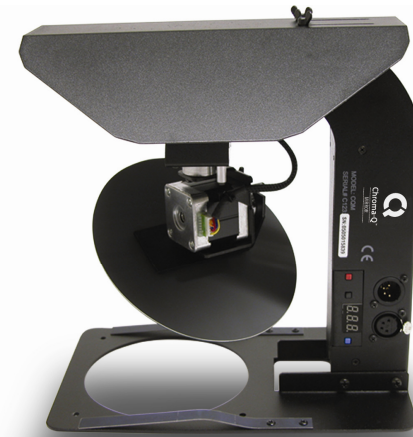support@chroma-q.com

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For further information please visit the Chroma-Q website at www.chroma-q.com.

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The rights and ownership of all trademarks are recognised.

Quick Start Guide
Mirror

Chroma-Q™
BRILLIANT SOLUTIONS

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

1. On power up, the display will show 'ini' during the initialisation sequence and then show the DMX address.
2. Display will revert to 'Monitor Mode' if left undisturbed for 5-7 seconds.

Power / Data | Signal Level

The first vertical bar indicates presence of power (24V DC) at the unit. The second vertical bar indicates presence of data (DMX) at the unit. The horizontal bars indicate the data Signal Level (DMX) at the unit.

3. Display can be flipped 180º by pressing and holding the RED button then pressing the BLACK button.

Modes of Operation:

Effect (automatic) mode: without DMX and only 24V DC is required
1. Connect to 24V DC power supply
2. Press RED button to scroll through menu until menu reads 'At0'
3. Press BLUE button once for display to read 'At1' (Auto mode) and press RED button
4. Press RED button to scroll through the menu until the display reads 'Pn' to access mirror panning in auto mode. Using BLUE/BLACK buttons select the range of movement you require 'Pn0' – 'Pn7', continuous back and forth sweep 'Pn8', or mirror held at the centre position 'Pn9'. Press the RED button to store the pan value and change the display to 'tL', the mirror tilting movement in auto mode.
5. Repeat the above process to set a tilt movement value.
6. When the desired effect is selected, press the RED button

DMX Control Mode: to control unit using 2 or 4 DMX channels, combined DMX and 24V DC supply cabling system is required. Press RED button to move between modes and to record.
1. **DMX channel address mode:** set the DMX start address in the range of 1-511 (2 channels, 8 bit resolution) and 1-509 (4 channels, 16-bit resolution); press BLUE or BLACK button once to increment/decrement the value
2. **Pan/Tilt movement modes:** press BLUE or BLACK button to switch directions and RED button to change modes. Display shows either pan or tilt movement ('Pn' pan/ 'tL' tilt) and the current direction ('0'=normal/'1'=16 reverse)
3. **DMX resolution:** press BLUE or BLACK button to switch between modes. Display shows the current DMX mode ('rn0'=8-bit or 'rn1'=16-bit resolution
4. **Display mode:** press BLUE or BLACK button to switch between on and off. Display shows the current display mode ('dP0'=display off or 'dP1'=display on)
5. **DMX/Automatic mode:** press BLUE or BLACK button to select either DMX control or automatic (stand-alone) operation. Display shows the current mode ('At0'=DMX control or 'At1'=automatic mode)

Factory Default settings: press and hold down RED and BLUE button for 2 seconds to reset and unit will revert to the factory default settings.

3.   Further Information

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

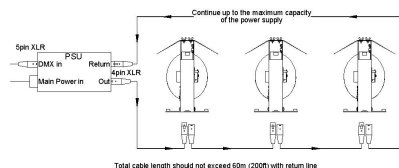---

1.   Product Description

The Chroma-Q Mirror is a motorised mirror attachment which mounts onto a fixed position profile fixture and redirects the fixed position beam of light through a pan of 230º and a tilt of 57º. It is compatible with most standard medium and narrow beam profile fixtures.

The Chroma-Q Mirror is designed to operate either on the ANSI E1.11 USITT DMX 512-A protocol or in automatic mode. An XLR 4pin cable system is utilised to supply power and data. Pins 1 and 4 supply 24V DC and pins 2 and 3 supply DMX. In automatic mode, the unit requires 24V DC connected to pins 1 and 4.
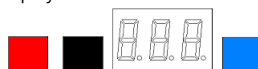
Note: The quantity of Chroma-Q Mirrors is dependent on the size of PSU/Splitter.

2.   Operation

- **Unpacking:** Open the carton carefully and remove the unit by grasping the support arm in the middle and lifting the unit vertically out of the carton. Remove the rubber restraint band used to stabilize the mirror during shipment. The front light shield is designed to act as shipping support and must be repositioned before operation. Loosen the two M4 screws on the front and reposition light shield by moving downward to the best position that will prevent light leaks relative to beam angle and focus.
- **Mounting:** Insert the mounting plate in the rear color slot of the fixture and gently push down until the unit is firmly seated in the bottom of the slot. Secure the unit using the safety wire as secondary attachment.
- **Control and Power Cables:** Connect power and control data from the power supply unit through the XLR 4-pin cable system. 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.
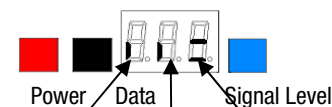
- **Display Operation:** Control functions are accessed using the LED display and 3 push-button switches on the left side panel. Push RED button to scroll through the different modes of operation and the BLUE or BLACK buttons to select the level or value in that mode. If any mode or value is changed, the last digit of the display will flash until the RED button is pushed to record the change.

Control	Function
Red Button	Mode access and record
Black Button	Decreases (-) the mode level or valve
Blue Button	Increases (+) the mode level or value
3 Digit Display	Displays mode, monitor or blank display