Approvals & Disclaimer

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 Color Split 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:

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

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Quick Start Guide
Color Split™

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

The Chroma-Q Color Split fixture is suitable for creating a wide range of fixture configurations, including battens, blinders, footlights, side fills, cyclorama floods, truss toners, discreet piece lighting and interior architectural lighting.

The Color Split fixture features 32 high power LEDs split into two cells which produce intense, powerful light and vibrant colours across the spectrum. A 5 degree diffusion film is integrated into one cell and a 20 degree diffusion film is integrated into the other cell.

The modular blocks incorporate the latest Hue, Saturation and Intensity (HSI), RGB(A) with *Magic Amber, RGBA control modes and Variable Effects Engine software which gives the lighting designer full control over colour and effects combinations.

The Color Split has a built-in power supply with power input and through via PowerCon. The unit can be controlled remotely through ANSI E1.11 USITT DMX 512-A.

2. Safety

1. This product is for professional use only. It is NOT intended for domestic or outdoor use.

2. The bright flash of light during power-up may cause epileptic seizure.

3. In Demo Mode, the continuous bright flashing light may cause epileptic seizure.

3. Control and Power Cables

The Color Split utilises a PowerCon cable system for power input and through and the XLR 5-pin cable system for ANSI E1.11 USITT DMX 512-A data signal input and through. (Please refer to the Chroma-Q Color Split User Manual for wiring information.) It is recommended that a maximum of 10 Color Split fixtures can be linked together utilizing the power input and through connections; data input and through connections as shown in the illustration below.

4. Fixings

1. Integrated connection system: Connect two fixtures together by mating the four protruding pins from one fixture into the four keyhole slots of the other fixture. Slide the fixtures together and align to get past the extended catch plate. Use the butterfly latch to secure the fixtures together (maximum of 3 units together).

2. Yoke kit: The Color Split is supplied with a detachable yoke kit for a single fixture with fibre washers and thumb wheels. An M10 flat washer is provided as a spacer for the side with protruding pins. The yoke kit can be used for floor mounting, direct wall mounting and truss mounting when used with hook clamps or half couplers.

5. Control

The Color Split is controlled via a built-in addressable ANSI E1.11 USITT DMX 512-A power supply. Control functions are accessed through the LCD display at the rear plate with 3 push-button switches. (Red–Enter, Blue–Up, Black–Down) The Color Split fixture features 32 high output LEDs divided into 2 separate cells of 16 LEDs each. The LEDs in both cells can be controlled together as one (single control) and individually as two separate cells (dual control).

Control Menu: Press ENTER and the UP or DOWN buttons to move between modes and press ENTER to record any changes made.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Display</th>
<th>Name</th>
<th>Cell Control</th>
<th>DMX Channels</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>oP1</td>
<td>RGBhA</td>
<td>Single</td>
<td>Ch1 – Red; Ch2 – Green; Ch3 – Blue (with *Magic Amber)</td>
</tr>
<tr>
<td>2</td>
<td>oP2</td>
<td>RGBA</td>
<td>Single</td>
<td>Ch1 – Red; Ch2 – Green; Ch3 – Blue; Ch4 – Amber</td>
</tr>
<tr>
<td>3</td>
<td>oP3</td>
<td>HSIfx</td>
<td>Single</td>
<td>Ch1 – Colour Roll Speed; Ch2 – Colour Range Ch3 – Hue; Ch4 – Saturation; Ch5 – Intensity</td>
</tr>
<tr>
<td>4</td>
<td>oP4</td>
<td>RGBhAI</td>
<td>Single</td>
<td>Ch1 – Intensity Effects and Speed; Ch2 – Red; Ch3 – Green; Ch4 – Blue; Ch5 – Master Intensity; (with *Magic Amber)</td>
</tr>
<tr>
<td>5</td>
<td>oP5</td>
<td>RGBhA</td>
<td>Dual</td>
<td>Ch1 – Red 1; Ch2 – Green 1; Ch3 – Blue 1 Ch4 – Red 2; Ch5 – Green 2; Ch6 – Blue 2 (with *Magic Amber)</td>
</tr>
<tr>
<td>6</td>
<td>oP6</td>
<td>RGBA</td>
<td>Dual</td>
<td>Ch1 – Red 1; Ch2 – Green 1; Ch3 – Blue 1 Ch4 – Amber 1 Ch5 – Red 2; Ch6 – Green 2; Ch7 – Blue 2 Ch8 – Amber 2</td>
</tr>
<tr>
<td>7</td>
<td>oP7</td>
<td>HSIfx</td>
<td>Dual</td>
<td>Ch1 – Colour Roll Speed; Ch2 – Colour Range Ch3 – Hue 1; Ch4 – Saturation 1; Ch5 – Intensity 1; Ch6 – Hue 2; Ch7 – Saturation 2; Ch8 – Intensity 2</td>
</tr>
<tr>
<td>8</td>
<td>oP8</td>
<td>RGBhAI</td>
<td>Dual</td>
<td>Ch1 – Intensity Effects and Speed Ch2 – Red 1; Ch3 – Green 1; Ch4 – Blue 1; Ch5 – Master Intensity 1; Ch6 – Red 2; Ch7 – Green 2; Ch8 – Blue 2; Ch9 – Master Intensity 2 (w/ *Magic Amber)</td>
</tr>
<tr>
<td>9</td>
<td>oP9</td>
<td>RGBhAI</td>
<td>Single/Double</td>
<td>Ch1 – Colour Roll Speed; Ch2 – Colour Roll; Ch3 – Hue 1; Ch4 – Saturation 1; Ch5 – Intensity 1; Ch6 – Hue 2; Ch7 – Saturation 2; Ch8 – Intensity 2</td>
</tr>
<tr>
<td>10</td>
<td>oP-</td>
<td>Demo Mode</td>
<td>(Continuous strobe is included in the demo sequence please refer to Item 2, Safety)</td>
<td></td>
</tr>
</tbody>
</table>

Note: *Magic Amber is the term used for the unit’s ability to be controlled with 3 channels and include Amber when mixing colours.

6. Further Information

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