Approvals & Disclaimer

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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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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 set 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.
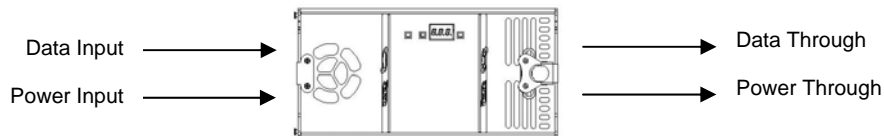
2. Safety

⚠ **Caution**

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.

Data Input → Data Through

Power Input → Power Through

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.

Mode	Display	Name	Cell Control	DMX Channels
1	**oP1**	RGBhA	Single	Ch1 – Red; Ch2 – Green; Ch3 – Blue (with *Magic Amber)
2	**oP2**	RGBA	Single	Ch1 – Red; Ch2 – Green; Ch3 – Blue; Ch4 – Amber
3	**oP3**	HSIfx	Single	Ch1 – Colour Roll Speed; Ch2 – Colour Range Ch3 – Hue; Ch4 – Saturation; Ch5 –Intensity
4	**oP4**	RGBhAI	Single	Ch1 – Intensity Effects and Speed; Ch2 – Red; Ch3 – Green; Ch4 – Blue; Ch5 – Master Intensity; (with *Magic Amber)
5	**oP5**	RGBhA	Dual	Ch1 – Red 1; Ch2 – Green 1; Ch3 – Blue 1 Ch4 – Red 2; Ch5 – Green 2; Ch6 – Blue 2 (with *Magic Amber)
6	**oP6**	RGBA	Dual	Ch1 – Red 1; Ch2 – Green1; Ch3 – Blue 1 Ch4 – Amber 1 Ch5 – Red 2; Ch6 – Green 2; Ch7 – Blue 2 Ch8 – Amber 2
7	**oP7**	HSIfx	Dual	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
8	**oP8**	RGBhAI	Dual	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)
9	**oP9**			Stand-Alone: Press ENTER to access 'F00 – F99' steps; press UP or DOWN button to move between steps and press ENTER to Record any changes made. Effects: 10 speeds full colour roll, 10 speeds warm colour roll, 10 speeds cold colour roll, 10 speeds magenta colour roll, 40 fixed colours, 5 speeds fade on/fade off, 5 speeds fade on/snap off, 5 speeds snap on/fade off, 5 speeds strobe Press ENTER when in between values 'F80–F99' to access Colour Selection of intensity effects 'c00–c29'; and UP or DOWN button to move between colours.
10	**oP-**			Demo Mode (Continuous strobe is included in the demo sequence please refer to Item 2, Safety)

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.