

Quick Start Guide

Chroma-Q® Color One 100™



Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Number: CHCONE100RGBA, CHCONE100RGBaipSS
Model: 638-1100, 638-1150
Software Version: Engine 1.7


1. Overview

The new Chroma-Q® Color One 100™ is a LED Par fixture with RGBA LEDs and a fully homogenized beam. Built with an internal power supply, the fixture operates as a standalone unit with the wireless IR Remote or controlled via an external DMX console.

The Color One 100™ is available in 2 models. The IP20 version is fitted with chassis mount powerCon and XLR 5-Pin connectors. The IP65 version is fitted with trailing leads.

The IR Remote is included in the fixture package.

2. Safety

 Caution	<ol style="list-style-type: none">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 and continuous strobe effect may cause epileptic seizure.3. This product must be used with safety cable.
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3. Cabling and Connection

The Color One 100™ (IP20 version) is built with chassis mount powerCon connectors for power input/through and chassis mount XLR 5-pin for DMX input/through.

The Color One 100™ (IP65 version) is built with trailing leads for power input/through and XLR 5-pin trailing leads for DMX input/through. The chassis is ground bonded.

4. Mounting

The Color One 100™ is built with a dual yoke system for floor mounting and overhead hanging applications. Secure the fixture with a safety bond. A provision for the fixing hold is built into the enclosure.





5. Optics

The Color One 100™ is built with optical lens that provide a fully homogenized beam angle of approximately ~18°.

6. Control

The control functions are accessed through the LCD display at the rear with 4 push buttons:



	Back Arrow	(Enter) Stores the menu choice
	Up Arrow	Increases (+) the mode level or value
	Down Arrow	Decreases (-) the mode level or value
	Exit	Back to the previous menu

Power-Up Display:

The software version is displayed on power up then proceeds to the Main Menu. The Main Menu shows the model name, DMX status and start address, set control mode and number of assigned DMX channels.

Display Mode:

The LCD display is backlit when you access the menu and turns off when left undisturbed for 5 seconds.

IR Remote:

The remote infrared control unit features control buttons for: On/Off, Dim Up/Down, various colors, white and 4 effects: Full Color Scroll (Flash), Warm Color Scroll (Strobe), Fade In/Out (Fade), Cold Color Scroll (Smooth). Set the fixture for IR Remote control by selecting IR Remote in the menu No DMX Present. Point the IR Remote towards the fixture.

Control Menu:

To navigate the Control Menu options from the Main Menu,

- Use the Up and Down arrows to navigate the control menu options
- Press the Back arrow (Enter) to select a control menu option
- Press the Back arrow (Enter) to save the setting and display shows Done
- Press Exit to return to the Main Menu

Main Menu

DMX Address

From the Main Menu, press Enter to adjust the DMX start address

→ 1-Personality

Select from the following control mode options:

Mode	Display	Ch	Description
1	1-RGBA	4	RGBA
2	2-RGBAI	5	RGBA + Intensity
3	3-HSI	3	Hue + Saturation + Intensity
4	4-RGB	3	RGB (*Magic Amber)
5	5-MLED RGB	3	RGB
6	6-Master	0	Master Standalone
7	7-Slave	0	Slave Standalone

→ 2-No DMX Present

If DMX is not detected, various output options can be selected:

1-Off	Fixture has no light output
2-Hold Last	Fixture holds the last valid DMX state
3-IR Remote	Fixture is controlled via remote infrared control unit
4-Look 1	Fixture snaps to Blue
5-Look 2	Fixture snaps to Cyan
6-Look 3	Fixture snaps to Magenta
7-Look 4	Fixture snaps to Yellow
8-Look 5	Fixture snaps to White

→ 3-Look Store

5 internal preset Looks are available in standalone operation.

To recall a Look in standalone operation, use the Up/Down arrows to scroll through Look 1-5, then press Enter to recall the Look.

Looks can be recorded and assigned to Looks 1-5, and will be preserved on power down. Looks will be returned to default settings upon reset.

To create, edit and record a look in standalone mode, go to Look Store, scroll and select/recall from Look 1-5, use the Enter to toggle between channels and the Up/Down arrows to adjust the values of each channel on the display, press and hold Enter until the display shows Recorded, Look and Mode.

→ 4-Technical

Software Version, DMX Data settings, internal Temperature and LED Calibration values are displayed; Frequency settings of the fixture can be changed; ETC Compatible mode.

In the Frequency menu, select from the following options: 750, 1500, 3000 and 6000 (Hz), which allows for the LED scan rate to be synchronized with the video camera and avoid a flickering effect.

In the ETC Compatible menu, select On to activate and Off to deactivate.

→ 5-Reset

All control menu commands are reset to factory defaults: DMX address: 1, Personality: RGBA, No DMX Present: Hold Last, Look Store: Look 1, Frequency: 750 Hz, ETC Compatible: Off

*Magic Amber is the term used for the unit's ability to bring in amber when mixing colors that require it.

7. Further Information

Please refer to the Chroma-Q® Color One 100™ manual for more detailed information. A copy of the manual can be found at the Chroma-Q® website – www.chroma-q.com/support/downloads

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 One 100™ has been designed specifically for the 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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