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## Quick Start Guide

### Chroma-Q® Studio One 100 D™



**Chroma-Q®**  
BRILLIANT SOLUTIONS

For a full product manual please visit [www.chroma-q.com](http://www.chroma-q.com)

Software Version 1.6

## 1. Overview

The **Chroma-Q® Studio One 100 D** is a daylight LED Par fixture with a fully homogenised 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.

## 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 & continuous strobe may cause epileptic seizure.
3. This product must be used with safety cable.

## 3. Cabling

The Studio One 100 D is built with chassis mount powerCon connectors for power input/through and chassis mount XLR 5-pin for DMX input/through.

The chassis is ground bonded.

## 4. Mounting

The Studio One 100 D is built with a split 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 Studio One 100 D is built with optical lens that provide a fully homogenised 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 (Personality) 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, Fade In, Fade Out; and buttons applicable to the Color One 100 model - various colours, white and 4 effects (Flash, Strobe, Fade, 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-Dimmer	1	Intensity control of all LED
2	2-Master	0	Master Standalone
3	3-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 the recorded Look 1
5-Look 2	Fixture snaps to the recorded Look 2
6-Look 3	Fixture snaps to the recorded Look 3
7-Look 4	Fixture snaps to the recorded Look 4
8-Look 5	Fixture snaps to the recorded Look 5



#### 3-Look Store

5 Looks can be stored for standalone operation.

To recall a Look in standalone operation, use the Up/Down arrows to scroll through Look 1-5, press Enter to recall the Look; press the Up/Down to increase or decrease the intensity "I", and then press and hold Enter to save the Look.

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

To record a look with a DMX console, use the DMX console to create the Look, and then go to Look Store, scroll through and select/recall from Look 1–5 then press Enter to save.

To create, edit and record a look in standalone operation, go to Look Store, scroll and select/recall from Look 1-5, use the Up/Down arrows to toggle and adjust the value of the intensity channel, 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. In the Frequency menu, select from the following options: 750, 1500, 3000 and 6000 (Hz), which allows for the LED scan rate to be synchronised with the video camera and avoid a flickering effect.



#### 5-Reset

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

## 7. Further Information

Please refer to the Chroma-Q Studio One 100 D manual for more detailed information. A copy of the manual can be found at the Chroma-Q website – [www.chroma-q.com](http://www.chroma-q.com) – under Support.