Quick Start Guide

Chroma-Q®
Color Force II 72™,
Color Force II 48™,
Color Force II 12™

Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Number: CHCF272RGBA, CHCF272RGBAW, CHCF272RGBALR,
CHCF248RGBA, CHCF248RGBAW, CHCF248RGBALR,
CHCF212RGBA, CHCF212RGBAW, CHCF212RGBALR
Model: 641-3000, 641-3100, 641-3500,
641-2000, 641-2100, 641-2500,
652-1012, 652-1100, 652-1500
Software Version: Addressing 1.12, Engine 2.7

1. Overview

The Chroma-Q® Color Force II™ is an LED batten that delivers formidable output and superior color blending, all with smooth even coverage. With four powerful homogenized cells per foot, these units can be grouped and controlled to release your creativity. Unsightly color shadowing is eliminated with this innovative optical system that gives power enough to light nearly 12m of cyclorama. Perfect for a wide range of cyclorama, flood and wall washing applications where a powerful throw is needed. Available in 6 ft/1.8m, 4 ft./1.2m versions.

The control options incorporate a choice of RGBA (Red, Green, Blue, Amber), RGB (Red, Green, Blue, with *Magic Amber) or HSI (Hue, Saturation and Intensity) control modes.

The Color Force II™ features built-in power supplies which can operate as a standalone unit or remotely controlled through ANSI E1.11 USITT DMX 512-A protocol.

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

3. Cabling

The Color Force II™ 72, 48 and 12 use Neutrik powerCon TRUE1 connectors for power input and through. The DMX control data input and through connections from an external control console are via XLR 5-pin connectors. The chassis are ground bonded.

Note: The maximum number of Color Force 72™ fixtures running off a single power input cable is 2 at 120V AC or 4 at 240V AC. The maximum number of Color Force 48™ fixtures running off a single power input cable is 3 at 120V AC or 6 at 240V AC. The maximum number of Color Force 12™ fixtures running off a single power input cable is 12 at 120V AC or 22 at 240V AC. Please refer to ANSI and AWG standards for the maximum data and power cable lengths.

4. Mounting

The Color Force II™ 72 & 48 are equipped with built-in adjustable mounting brackets for floor, wall and truss mounting applications. Use the pair of quick release levers for easy tilt adjustment. Secure the fixture with a safety bond through the fixing hold that is built into the end plates of the fixture.

5. Orientation

The Color Force 72 & 48 are built with near/far lenses that optimize the beam spread when used on a wall or cyclorama. The side with near-field lenses is indicated by the narrow edge border, which should be adjacent to the wall or cyc. The side with far-field lenses is indicated by the wider edge border, which should be facing away from the wall or cyc.

6. Optics

"Cyc Lens" and "Border Lens" are slide-in optical accessories available to adjust the light output. Two accessory slots are available for locking. Spring Plungers are pre-installed at the far ends of both accessory slots to lock in-place the slide-in panels. The height of the spring plungers are preset and fixed with no need for further adjustment.

7. Control

The control functions of the Color Force™ 72 & 48 are accessed through the touchscreen display on the rear of the fixture. For more details on all of the settings, please refer to the user manual located on the Chroma-Q® website: www.chroma-q.com/support/downloads

A Focus button is provided on the back of the fixture to turn the fixture on full for focusing. Press the button a second time to return to normal operation.

From the Home/Main Menu, press one of the four buttons located at the bottom of the screen to adjust the user settings

➡️ **DMX**
1. To set the DMX start address, press DMX from the home screen.
2. Enter the DMX start address using the numeric buttons.
3. Press Apply to save

Mode
There are 5 DMX control modes featuring and 12 grouping options to maximize your creative control. Access and select control modes and grouping by pressing the Mode button from the Main Menu. Press Apply once you have selected the settings for your show.
1. Press the Mode button on the Main Menu.
2. Select your control mode: RGBA, RGB, HIS, Look Sel or Master.
3. Select your Grouping.
4. Press Apply to save the settings.

Setup
Press Setup to access the technical settings for the fixture. From the Setup screen, you can set and/or view the following parameters:
Color Force Matching: This will lower the output to match the original Color Force
ETC Compatibility: The fixture can be set for compatibility with the ETC Color Picker when using ETC consoles.
DMX Data: View the DMX data being received relevant to the fixture.
Fan Speed: Set the fan mode to Quiet, Studio, Live or Live Quiet
Rotate Display: Rotates the display.
Frequency: Allows setting of the PWM frequency from 750Hz to 24kHz. Note that lower PWMs result in smoother fades
DMX Lost: Selects what happens when the control signal is lost; Hold last look, Off, or plays back a prerecorded Look.
Lock: Locks the screen.
Reset: Provides for fixture processor reset to factory, or user recorded settings.
Upload Engine: Provides access to upload software revisions for the light engines.
Fw Version: Displays installed versions of processor and light engine firmware.
DMX Source: Select whether DMX data is being read from a wired or wireless source.
Eng Temp: Displays the light engine temperatures.
   **Note: Always remember to press Apply to store the setting

Looks
From the Looks screen you can record and playback looks

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

8. Factory Default Setting

	CFII 72	CFII 48	CFII 12
DMX Address	1	1	1
Foot Print	4ch (1-4)	4ch (1-4)	4ch (1-4)
Mode	RGBA x	RGBA x	RGBA x
Lock	Disabled	Disabled	Disabled
Group	x24	X16	x4
DMX Lost	Last data	Last data	Last data
Fan Speed	Live-Quiet	Live-Quiet	Live-Quiet
Frequency	750Hz	750Hz	750Hz
Reset	Default	Default	Default
CF II	Disabled	Disabled	Disabled
ETC	Disabled	Disabled	Disabled

9. Further Information

Please refer to the Chroma-Q® Color Force II™ 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

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

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