Approvals & Disclaimer

$C\:E$

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 Force Compact PSU15 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:

Outside North America:
Tel: +44 (0)1494 446000
Fax: +44 (0)1494 461024
support@chroma-q.com

North America:
Tel: +1 416-255-9494
Fax: +1 416-255-3514
support@chroma-q.com

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

Chroma-Q is a trademark, for more information on this visit www.chroma-q.com/trademarks.

The rights and ownership of all trademarks are recognised.

Quick Start Guide
Color Force Compact™ PSU15

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

Software version 1.6

1. Overview

The Color Force Compact PSU15 supplies power and data for a maximum of 15 Color Force Compact or Studio Force Compact D or V fixtures. The Compact PSU15 unit features 3 XLR4 outputs, each with a maximum capacity of 5 fixtures daisy-chained together.

Compatibility with industry standard control consoles is assured. DMX control modes are available via ANSI E1.11 USITT DMX-512A control protocol with pre-programmed looks and stand-alone options.
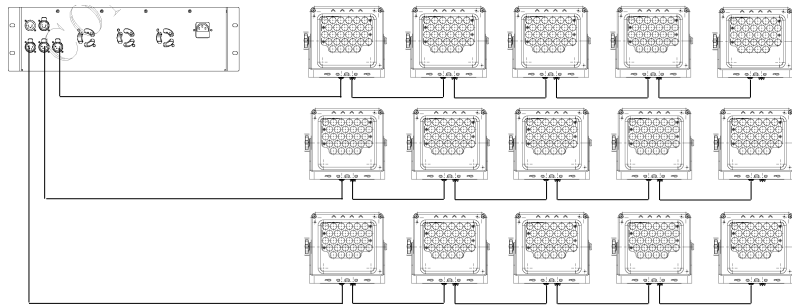
2. Safety

⚠️ **Caution**

Output: Maximum of 5 fixtures per output – 48VDC, 6A per output.
Input: 100-120V~, 10A; 200-240V~, 5A; 50-60Hz
Fuse type & size: T12.5A 250V~

3. Cabling

Connect power and control data from the Compact PSU15 through the XLR 4-pin cable system. A maximum of 5 daisy-chained Compact fixtures can be connected to a single output of the PSU. The total cable length of each chain must not exceed 60m/ ~200ft (PSU to the last unit), and the cable for each adjacent unit must not exceed 20m.

Compact PSU15 Output Configuration: (Output 1, 2 & 3)

4. Mounting

The Color Force Compact PSU15 can be rack-mounted or hung from a truss with a pair of "Rack Ears" brackets fastened with 3 x M5 FH/CS screws onto each side or on both top edges. (Refer to the user Manual for details.)

5. Control

The control functions of the Compact power supply unit can be accessed through the LCD display at the front with 4 push buttons – Enter, Exit, Up and Down.

Control Menu

Press Up/Down to access Menu, then press Up/Down to increase/decrease mode level or value, then press Enter for 2 seconds to save settings.

➤ **Home / DMX Address** — Set the DMX start address.
➤ **Control Mode** — Color Force Compact - 16 DMX controlled modes, 3 grouping options (single, output and all grouped) and 2 stand-alone modes.
Studio Force Compact D – 5 DMX, 2 grouping, 2 stand-alone
Studio Force Compact V – 5 DMX, 2 grouping, 2 stand-alone

Color Force Compact – Software Version 1.6

Mode	Name	Group	Ch	Description
1	fxHSI	Single	52	7fx + 15 x HSI (Grouping, Colour Speed, Fan, Range, Step, Int Fx, Int Fan)
2	HSI	Single	45	15 x HSI
3	RGB	Single	45	15 x RGB (with *Magic Amber)
4	RGBA	Single	60	15 x RGBA
5	sRGBI	Single	61	1s + 15 x RGBI
6	FxHSI	Output	15	6fx + 3 x HSI
7	HSI	Output	9	3 x HSI
8	RGB	Output	9	3 x RGB (*with Magic Amber)
9	RGBA	Output	12	3 x RGBA
10	sRGBI	Output	13	1s + 3 x RGBI
11	FxHSI	All	9	6fx + 3 x HSI (Colour Speed, Fan, Range, Step, Int Fx, Int Fan)
12	HSI	All	3	HSI
13	RGB	All	3	RGB (with *Magic Amber)
14	RGBA	All	4	RGBA
15	sRGBI	All	5	1s + RGBI
16	Look Sel	All	1	Look Select
17	Mastr StandAlon			Master Standalone
18	Slave StandAlon			Slave Standalone

Studio Force Compact D – Software Version 1.6

Mode	Name	Group	Ch	Description
1	Dim4x	Single	60	15 x CW CW CW CW
2	Dim1x	Single	15	15 x CW
3	Dim1x	All	1	1 x CW
4	FxDim	All	2	1 x Fx + 1 x CW
16	Look Sel	All	1	Look Select
17	Mastr StandAlon			Master Standalone
18	Mastr StandAlon			Slave Standalone

Studio Force Compact V – Software Version 1.6

Mode	Name	Group	Ch	Description
1	WW/CW	Single	30	15 x WW + 15 x CW
2	CTI	Single	30	15 x Color Temp + 15 x Intensity
3	WW/CW	All	2	1 x WW + 1 x CW
4	CTI	All	2	1 x Color Temp + 1 x Intensity
16	Look Sel	All	1	Look Select
17	Mastr StandAlon			Master Standalone
18	Mastr StandAlon			Slave Standalone

➤ **When DMX is Lost** — If DMX is not detected various output options can be selected from this menu: Off - will snap to off; Hold - will hold the last valid DMX state; Look 1-31 will snap to the Look of your choice.

➤ **Look Store** — In this menu, 31 internal preset FX Looks are available for stand-alone operation, 1-23 are pre-programmed.

➤ **System** — In this menu, the control system can be switched to control Color Force Compact fixtures or Studio Force Compact D or V fixtures.

➤ **Wireless** — In this menu, activate the wireless signal: from generic transmitter to the PSU15; between PSU15 as Transmitter and next unit as Receiver; and Unlink previous Receivers.

➤ **Technical** — In this menu, set Frequency options and upload LED addressing software.

➤ **Fan Speed** — In this menu, set Fan Speed options.

➤ **Reset to Default** — In this menu, all menu items are reset to factory defaults.

7. Further Information

Please refer to the Chroma-Q Color Force Compact, Studio Force Compact D & V manuals, for more detailed information. A copy of the manuals can be found at the Chroma-Q website – www.chroma-q.com – under Support.