

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 ongoing research and development.

The Chroma-Q Space Force range 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-q.com.

Chroma-Q and Space Force are trademarks, for more information on this visit www.chroma-q.com/trademarks.

The rights and ownership of all trademarks are recognised.

Radio Installation Guide

User Installed Lumen Radio Card
for

Chroma-Q®
Space Force™



Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit <http://www.chroma-q.com/support/downloads.asp>

Part Number CHSPFLR
Model 650-9070

Overview

This Guide provides the instructions to install the Lumen Radio option into the Chroma-Q Space Force. For radio operation, please consult the User Manual for the Space Force fixture.

Tools Required

- T8 Torx driver or bit
- #1 Phillips head screwdriver or bit

Included in the kit:

- Radio Printed Circuit Board
- 1 – 3/8" nylon spacer
- 1 – 5/16" nylon spacer
- 2 – M3 x 20 machine screws

Installation

- 1) Place Space Force unit acrylic side down on a surface that will not scratch the lens, or damage the unit.



- 2) Carefully remove the 4 Torx screws that secure the ABS plastic back cover. These screws have a T8 Torx head. If using a power driver, set torque to 10lb-in. Set aside the screws.

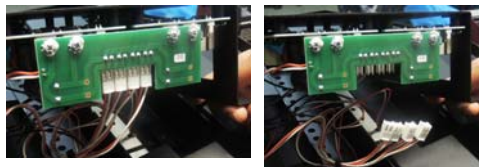
- 3) Carefully lift the back cover from the unit. The adjusting knobs will slide off with the cover. Remove the 5-pin overlay connector from the PCB board before completely removing the cover. Do not bend the pins. Set cover aside.



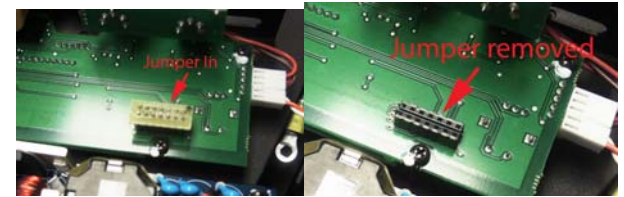
- 4) Remove the 4 x M3 screws from the PCB bracket assembly using a Philip's #1 screwdriver. If using a power driver, set torque to 5.5lb-in. Set screws aside. On the grounding side, there is a star washer- be sure this does not fall into the unit. Set aside.



- 5) Unplug the engine connectors (white and orange wires) from the PCB bracket assembly to turn the assembly over and expose the internal components. The order of these connectors is not critical when replacing them later.

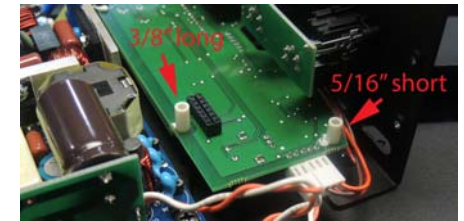


- 6) Remove the jumper from the PCB addressing card inside of the assembly. This will not be required after you install the wireless card.

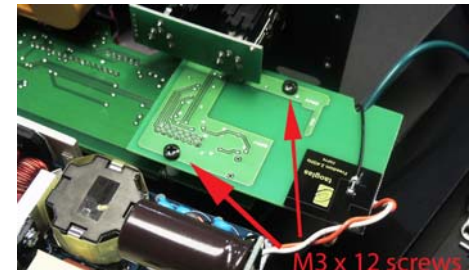


- 7) Remove the 2 x M3 screws from the PCB addressing card. These will not be required after you install the wireless card.

- 8) Included in the kit are 2 different lengths of #4 Nylon spacers. The 3/8" length spacer and 5/16" length spacer must be positioned as shown in the photograph.



- 9) Install the wireless card on top of these spacers and into the jumper port as shown in the diagram. Use a #1 Phillips screwdriver to install the 2 - M3x20 screws included in the kit to secure the wireless card. If using a power driver, set torque to 5.5lb-in.



- 10) Reassemble the unit in the reverse order. Please remember to:
 - Do not over-torque the screws. If possible, use the recommended torques in this guide.
 - Reassemble the ground to the PCB bracket assembly using the M3 star washer.
 - When re-assembling the back cover, be sure to carefully plug the overlay 5 pin connector back into the addressing card. Ensure all 5 pins are connected and carefully adjust the harness so it does not interfere with the display or closing of the unit.
 - Be sure the placement of the back cover is even before replacing the screws. Check all corners before proceeding.
 - Test for operation of unit prior to returning to service.