

# Quick Start Guide

## Chroma-Q<sup>®</sup> Space Force™ octo LumenRadio Card



**Chroma-Q<sup>®</sup>**  
BRILLIANT SOLUTIONS

For a full product manual please visit [www.chroma-q.com](http://www.chroma-q.com)  
Part Number: CHFPLR  
Model: 650-9070

For use with  
Part Number: CHSPF[XXXX], CQ647-XXXX, CQ1512-XXXX  
Model: 650-XXXX, 647-XXXX, 1512-XXXX

## 1. Overview

The Chroma-Q® Space Force™ octo LumneRadio Card Kit allows addition of RF connectivity to the Space Force™ octo light fixture. For a complete list of accessories please visit [www.chroma-q.com](http://www.chroma-q.com).

## 2. Kit Contents

Items	Part Number	Quantity
Radio Printed Circuit Board	650-0325	1
Round Spacer 5/16"	900-1321	2
Screw M3X20 Machine Screw	430-1220-0	2
Grommet for Antenna	430-1220-0	1

## 3. Tools Required

Torx T8 x 70mm Screwdriver (maximum torque: 0.62 *N-m*/ 5.5 *in-lb*)  
#1 Phillips Screwdriver or bit (Torque 5.5 *in-lb*)

## 4. Procedure

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

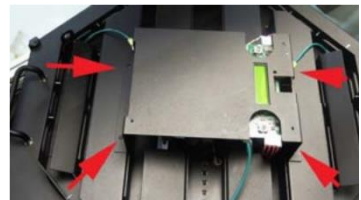
2. Carefully remove the 4 Torx screws that secure the ABS plastic back cover. These screws have a T8 Torx head. If using a power driver, set torque to 5.5 *in-lb*. Set aside the screws.



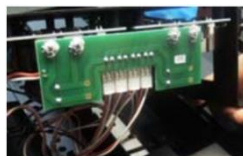
3. Carefully lift the back cover from the unit. The adjusting knobs will slide off with the cover. Remove the 5-pin overlay connector from the PCB board before completely removing the cover. Do not bend the pins. Set back cover aside.



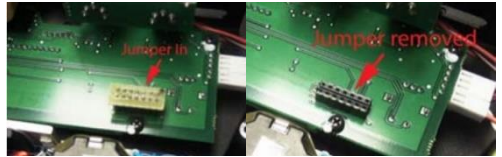
4. Remove the 4 x M3 screws from the PCB bracket assembly using a Philip's #1 screwdriver. If using a power driver, set torque to 5.5lb-in. Set screws aside. On the grounding side, there is a star washer- be sure this does not fall into the unit. Set aside the hardware.



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.

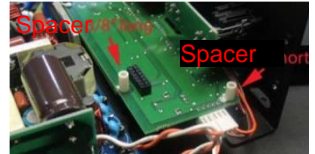


6. Remove the jumper from the PCB addressing card inside of the assembly. This will not be required after you install the wireless card.



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

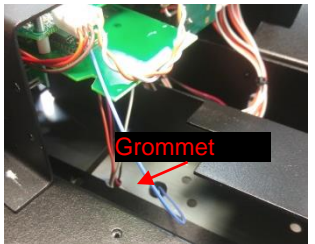
8. Included in the kit are two #4 Nylon 5/16" spacers. They must be positioned as shown in the photograph.



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. Insert the grommet attached to the antenna into the holes on the engine. Ensure that the antenna does not come out of grommet.



11. Reassemble the unit in the reverse order. Please remember
- 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.

## 5. Further Information

Please refer to the Chroma-Q® Space Force™ manual for more detailed information. A copy of the manual can be found at the Chroma-Q® website – [www.chroma-q.com/support/downloads](http://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® Space Force™ has been designed specifically for the lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.

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