Approvals & Disclaimer

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

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Radio Installation Guide
User Installed Radio Card
for

Chroma-Q®
Color Force II™ 72/48
and
Studio Force II™ 72/48

Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Number: CHCF272RGBA / CHCF248RGBA / CHCF212RGBA / CFSFV72NF / CFSFV48NF
Model: 641-3000 / 641-2000 / 641-5000 / 641-4000

This Guide provides the instructions to install the Radio Card option into the Chroma-Q Studio Force/ Color Force. For radio operation, please consult the User Manual for the Studio/Color Force fixture.
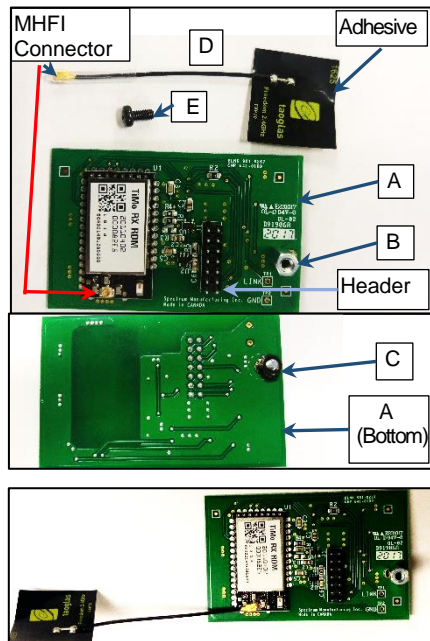
Tools Required
  #1 Phillips head screwdriver or bit
  5.5 mm nut driver or bit

Included in the Kit (P/N 641-9070)
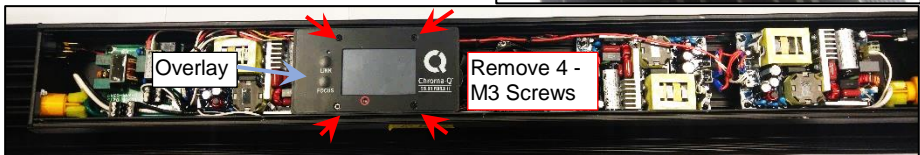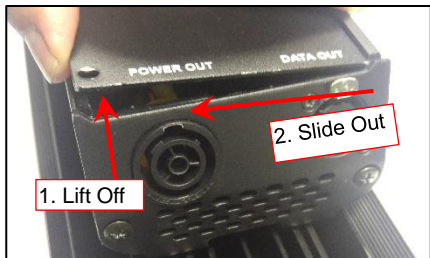 A. RF PCB (P/N 641-0109)
  B. M3X10 Standoff (P/N 430-4110-1)
  C. M3 Hex Nut (P/N 430-3203-0)
  D. Antenna (P/N 900-1319)
  E. M3 Philips Screw (P/N 430-1206-0)
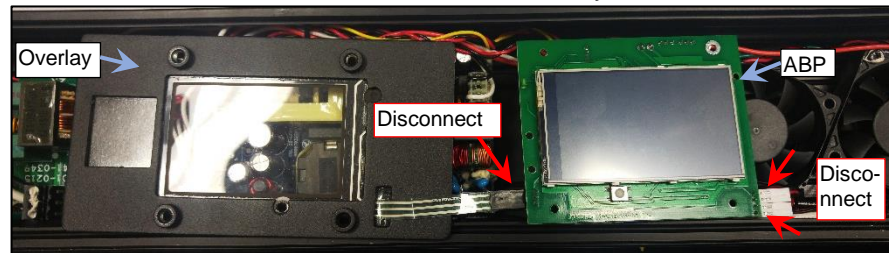 F. Guide (P/N 641-0902)

Installation

1. RF PCB of the Kit is connected to standoff (B) by a M3 Hex Nut (C). Loosen the nut so that the standoff can slide. Connect the antenna to the RF PCB.

MHFI Connector / D / Adhesive / E / A / B / Header / C / A (Bottom)

2. Place the unit's acrylic side down on a surface that will not scratch the lens or damage the unit. Carefully remove the Self Tap Philips Screws (ST 3.5 X9.5) those secure the back cover.
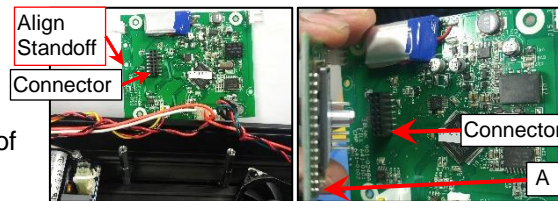

Remove Self Tap Philip Screws

3. Carefully remove the back cover by lifting off the side towards you and slide out. Remove the 4 M3 Philips Screws those secure the overlay.
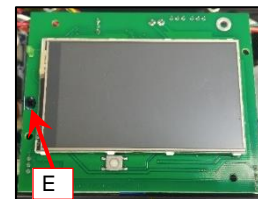

2. Slide Out
1. Lift Off

Overlay / Remove 4 - M3 Screws

4. Flip the overlay on the left side of the Address Board PCB (ABP) as shown. Disconnect the connectors to the overlay and the fans.
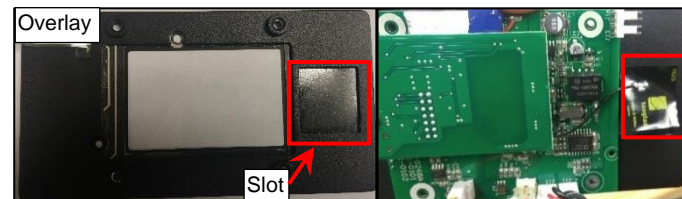

Overlay / ABP / Disconnect / Disco-nnect

5. Turn the Address Board PCB (ABP) so that the display is facing away. Attach the Header of RF PCB with the Connector of ABP so that the standoff aligns with the indicated hole of ABP.

Align Standoff / Connector / Connector / A

6. Slide the Standoff (B) so that it is aligned with the hole of Address Board PCB and secure it with the provided M3 Screw (E). Tighten the M3 Nut (C).

E

7. Attach the adhesive of the antenna inside the slot of the overlay. Antenna must not be over metal (i.e. outside the slot).

Overlay / Slot

8. Reassemble the unit in the reverse order. Please remember:
   - Do not over-torque the screws. When using a power driver, set torque to 5.5lb-in.
   - 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.