

Camera Motion Research

CONNEX MINI

Expanding Connex Capabilities with CMR Accessories

**Quick Guide For
Assembling CMR Accessories with the Connex Mini
Transmitter, Mini Receiver, & Fusion Receiver**

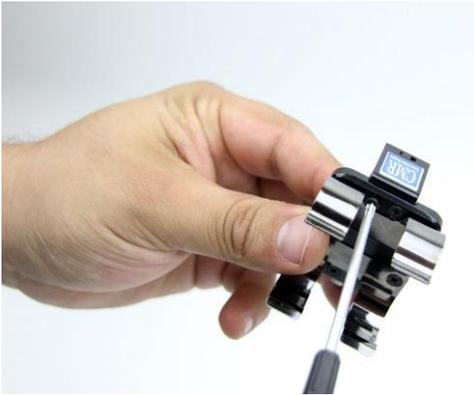


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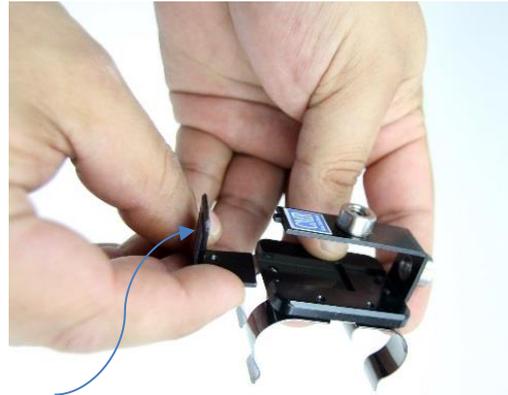
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A. Installing the Connex Mini transmitter CMR battery support and mounting cage

Step 1. The Connex Mini transmitter cage ships assembled, and must be dis-assembled to install the transmitter. To dis-assemble, remove the top two screws from the shipped assembled Connex Mini Cage as shown below.



The two screws to remove are located between the battery clips that lock the small right angle bracket



Then remove the small right angle bracket.

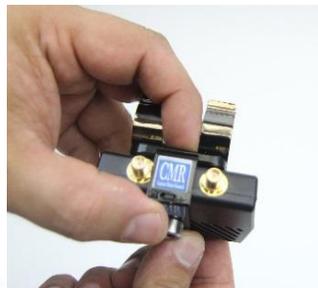
Step 2. Insert the Connex Mini into the cage.



Main
Mounting
Bracket



Step 3. Position the hole in the small right angle bracket over the small protruding tab on the main mounting bracket. Replace the two screws that were removed in **step 1.**, and tighten firmly.



Step 4. Attach the provided rod antennas to the Connex Mini transmitter by screwing them on.



Step 5. Insert the battery with the battery power port and the transmitter power port on the same side.



Step 6. Insert the JST connector on the power cable into the power port of the transmitter (note it will click when fully inserted) , and insert the barrel plug into the battery.



Step 7. Insert the micro HDMI to standard HDMI converter and locking bar assembly into the transmitter micro HDMI input port as shown below.



Secure the locking bar with the ¼-20 nut, **and tighten securely.**



Note: the HDMI locking bar nut also has a ¼-20 tapped hole for mounting the transmitter.



B1. Installing the Connex Mini Receiver CMR Battery Support



Step 1. Screw the battery cage captive thumb screw into the bottom of the ¼-20 tapped hole on the receiver.

(Mount the receiver assembly to your gear such as monitor yoke, light stand, etc. using the ¼-20 tapped hole on the bottom of the thumb screw.)

Step 2. Insert the battery into the receiver battery cage as shown in picture, so that the power ports are on the same side. Insert the power cable.



B2. Installing the Connex Fusion receiver CMR Battery Support



Step 1. Screw the battery cage captive thumb screw into the bottom of the ¼-20 tapped hole on the receiver.

(Mount the receiver assembly to your gear such as monitor yoke, light stand, etc. using the ¼-20 tapped hole on the bottom of the thumb screw.)

Step 2. Insert the battery into the receiver battery cage as shown in picture, so that the power ports are on the same side. Insert the power cable.



C. Removing the Batteries



This applies to both the transmitter and the receiver. Hold the cage in your hands so that you have a grasp of the cage and the battery. Use your thumbs to press up on the clips and your index fingers to push out on the battery. Remove battery.

D. Removing the Transmitter Battery Clips if the Lithium Battery is not used



The battery clips can be removed by unscrewing the 4 screws. **Save the screws and clips so they can be re-installed later.**

E. Using a D-tap Power Cable for the Transmitter



The D-tap power cable, PN: DT15 must be purchased separately. It includes a strain relief which can be mounted to the Mini transmitter cage as shown left if the battery clips have been removed.

F. Lithium Battery Operation

The Connex Mini transmitters and receivers do not have power (on/off) switches, so they power up whenever voltage is applied. The lithium batteries have a power button to turn them on and off. You must press and hold the button for about 2 seconds to either turn on, or turn off the battery.

Note: The battery must be turned **off when being charged. Watch for the walking lights to confirm charging is taking place. Charging time is about 4 hours.**

Brief Operational Notes for the transmitter/receiver set (See the Connex/ Connex Mini User Guide for more detailed information)

- The Connex Mini transmitter with Mini or Fusion receiver provides plug and play wireless transmission of HDMI video signals, but does not transmit audio.
- Frequency selection from one of 11 available channels is automatic.
- The Connex Mini can transmit to up to 4 receivers simultaneously.
- Refer to the Amimon Connex/Connex Mini User Guide for information about how the two LEDs (video and network) on the transmitter and receiver show the status of a connection and video input.
- Note that the receiver has an On Screen Display (OSC) button to turn on, or turn off the On Screen Display. Normally you would have the On Screen Display turned off so that the OSD information is not overlaid onto the camera video.