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Professional tools for filmmakers

CONNEX
by AMIMON

Expanding Connex Capabilities with CMR Accessories



Connex Cage Instructions

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**Connex TX Cage
(Transmitter)
Part# ACAXB**



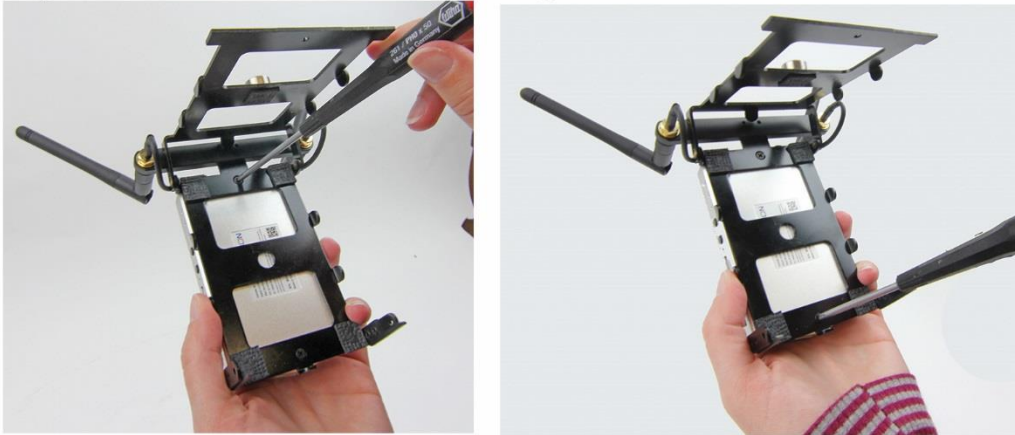
**Connex RX Cage
(Receiver)
Part#ACGB**



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A. Attaching the Transmitter

Step 1. Mount the transmitter Connex Cage to the Connex transmitter as shown below



Attach the cage to the transmitter using the provided 2.5 mm x 5 mm screws at the top and the bottom of the back of the transmitter

Step 2. Screw on the two antenna rods



Screw each antenna on to the brass antenna male adapter



Step 3. Attach the brass antenna



Firmly press in both of the

brass antenna connectors.

Insert the battery and attach the power cable



Note on removing antenna cables:

You should use a pair of pliers when removing an antenna cable from the transmitter. They can be very difficult to remove, and caution is necessary to avoid damage during the removal.

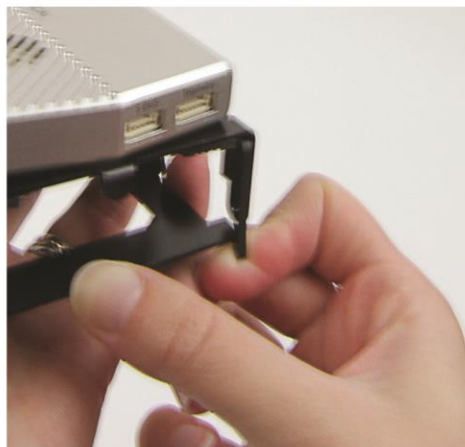
B. Installing the Receiver Connex Cage



Simply Screw the battery cage captive thumb screw into the bottom of the $\frac{1}{4}$ -20 tapped hole on the receiver.

You can mount the receiver horizontally using the $\frac{1}{4}$ -20 nut on the back of the battery cage, or you can mount it vertically using the $\frac{1}{4}$ -20 tapped hole on the bottom of the thumb screw.

C. Opening and closing the Connex Cages



To open the battery cage pull out the plastic locking tabs on each side. Close the cage by pressing the two halves together until the locking tabs snap into position.

D. Inserting the battery



Insert the battery into the transmitter and receiver battery cages as shown in pictures so that the LED indicator lights can be seen from the bottom/back of each cage. Snap the cage closed. Attach the barrel plug to JST power cable to the battery and transmitter. Attach the barrel plug to barrel plug power cable to the battery and Receiver.

E. Connex Operating Instructions

Here are some brief operating points, but please read the Connex full instructions

1. The receiver has a power (on/off) switch, but the transmitter does not have one.
2. Connect the power cables from the batteries, and power on both the transmitter and receiver.
3. Make sure both power LEDs on the transmitter and receiver are lit.
4. Connect an HDMI source to the air unit mini HDMI connector.
5. Connect an HDMI display device to the receiver HDMI connector.
6. They will link in a few seconds.
7. Note that the receiver has an OSD (on screen display) switch. You can turn this on to see the signal strength and distance between transmitter and receivers.
8. Position the antennas on both the transmitter and receiver vertically for best performance.

F. 12 volt Lithium Battery Notes

The battery power switch must be turned on during charging.

The battery will provide over 4 hours of operation of the transmitter, and about 6 hours of operation of the receiver.

The battery indicator LEDs do not operate in a nice linear fashion. But they do provide reasonable indication of remaining battery time, and important warning of low remaining battery charge. They will operate approximately as follows:

Transmitter

- When the green LEDs first transition from 3 to 2 on: Remaining time ~ 210 minutes
- When the green LEDs first transition from 2 to 1 on: Remaining time ~ 135 minutes
- When the green LEDs first transition from 1 solid to 1 flashing: Remaining time ~ 15 minutes

Receiver

- When the green LEDs first transition from 3 to 2 on: Remaining time ~ 315 minutes
- When the green LEDs first transition from 2 to 1 on: Remaining time ~ 210 minutes
- When the green LEDs first transition from 1 solid to 1 flashing: Remaining time ~ 25 minutes