



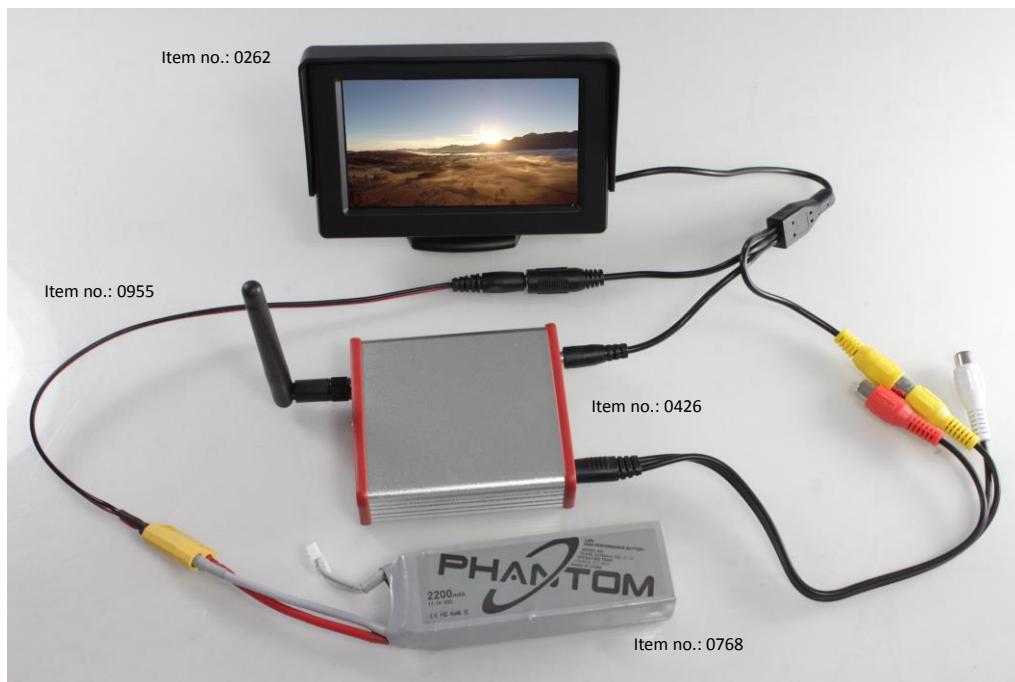
How to connect an FPV set / What is needed to get video transmission of my DJI Phantom?

Status: October, 2013

Ground station:

In the picture, you can see the 4.3" monitor which is sold in our online store. The 7" monitor (item no. 0261) is connected exactly the same way, but you have to make sure that you only use the yellow cinch connector. The white cinch connector does NOT transfer audio signal, using the audio connector can cause interference. The receiver has a second video output, so you can additionally connect to video goggles for example.

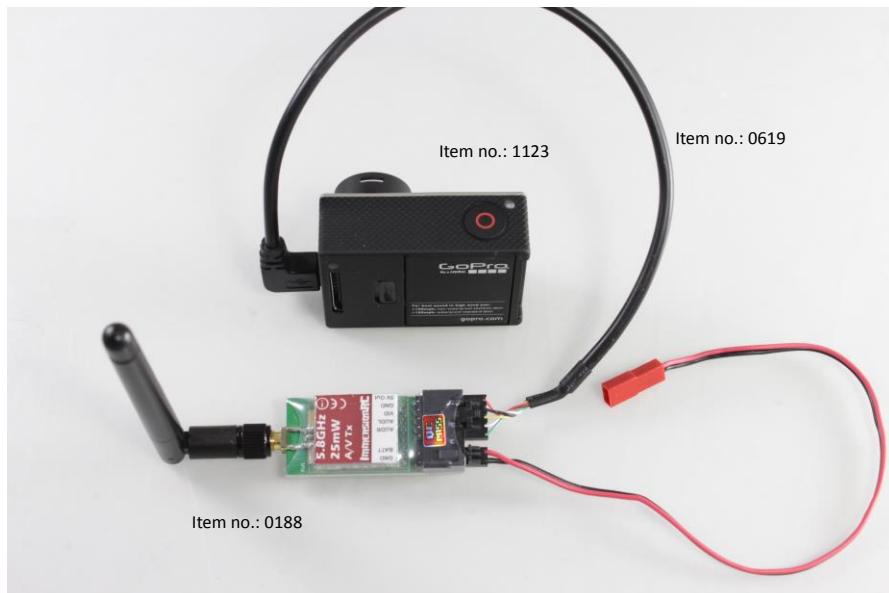
Furthermore, the receiver can easily be replaced with the DUO5800 (item no. 0189). The wiring is identical, but the DUO can be equipped with two antennas.



After you have plugged in the battery, the receiver will beep. The number of beeps represents the number of cells. We recommend the use of 3s lipo batteries for power supply. The power LED of the receiver is constantly on during operation. The receiver channel can be changed by pressing the black "Channel" button. The receiver beeps when the channel is changed, the number of beeps represents the number of the channel. ImmersionRC 25mW 5.8G transmitters use channel 1 out of the box.

Transmitter unit:

Instead of the Gopro Hero camera, any other FPV camera available in our online store can be used as well. Please pay attention to choose the correct connection cable!



We recommend buying the 25 mW 5.8G transmitter (item no. 0188) and the UNO5800 receiver (item no. 0426) combined in the FPV-Set ADVANCED (item no. 0136).

The power supply for the transmitter can be established using the power output cable of your DJI Phantom:



Every Phantom has such a power cable installed out of the box, which can be used for e.g. video transmitters. This cable is assembled without any connection plug. You can pull it out a few inches if you remove the white rubber plug, please push the plug back in gently afterwards. To connect to the transmitter, you can either crimp suitable connectors on the cable if you have them at hand, or use the power cable which comes with the transmitter.

If you use the power cable, you have to cut off the BEC plug and connect the wires to the cable of the Phantom. Make sure to match red with red and black with gray!

If you don't operate the transmitter with a Phantom, you can generally use the flight battery as a power source. We recommend soldering the connection to prevent possible failure. If you are in doubt, don't hesitate to contact our service personnel!