



gentWIRE-ARRI allows control of record START/STOP on ARRI movie cameras.

Operation
 Connect the 3pin connector to a standard RC Receiver Servo channel output.

Note: the blue link should be on the side marked 1 2. The photograph shows Mode 1.



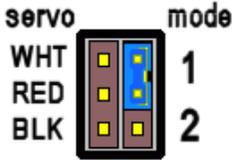
Connect the LEMO connector to the ARRI Camera EXT socket.

We recommend for START/STOP operation using a RC channel with a momentary action or a push switch. Operation is push to start and push to stop.

There is a red lamp on the gentWIRE-ARRI unit, it illuminates when the record signal is being sent to the camera. This can be used to make sure the RC system is configured properly, and for pre-flight checks.

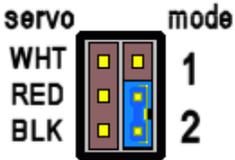
Blue Jumper Options

With the blue jumper as delivered we are in the standard mode, and the output is on (shown by the RED LED lighting) when the stick on the transmitter is pushed over to “maximum”

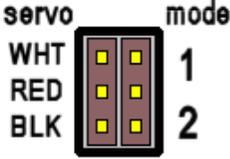


The two further behaviours are possible by moving or removing the blue jumper. These modes are used when you want alternate outputs from the RC channel, or one channel is shared.

With the blue jumper connected to 2 then operation is inverted.



With the blue jumper removed, behaviour is like 1, but the threshold of operation moves closer to the maximum on the joy-stick. If you have two devices on a Y lead to one RC channel then this allows one device to operate when the stick is moved in one direction, and a separate function / device can be controlled in the other direction. e.g. Landing Gear and camera could share one channel.



Specification

Supply Voltage	3 to 5.5V (absolute maximum voltage, 6.5V) Note: DO NOT CONNECT to a 7.2volt LiPo.
Supply Current	Typically <5mA
Servo Pulses	Pulse threshold between 1.6 and 1.7mS, Pulses should be less than Supply V + 0.7V.
Weight	7 grams (including 15cm servo cable).

Diagnostics

Use a servo on the RC channel output and make sure that you are getting a full 90° movement for the stick extremes. Make sure the trim on the transmitter is set correctly.

The red lamp on the unit should only be on when the record command is sent, and it is recommended the joystick / switch be returned to the center / off after the signal is sent.

Use the red lamp to check the RC transmitter and receiver output channel is working.