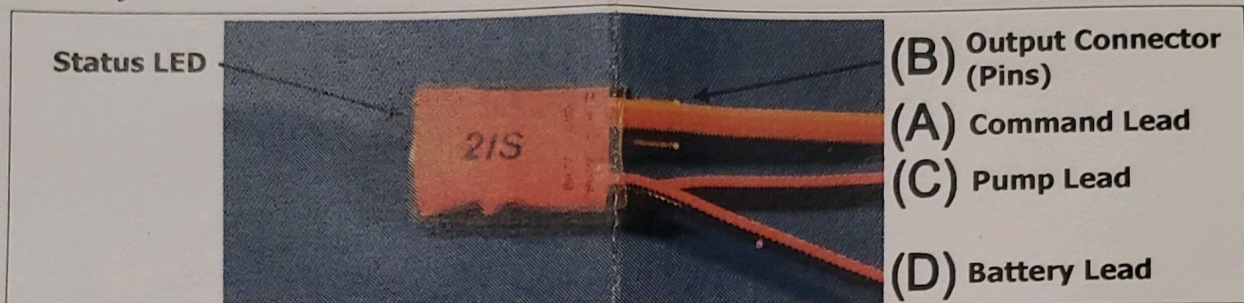


2IS

2 Amp Isolated Switch

General layout



Quick Setup Guide

1. Plug the **Command Lead (A)** into the appropriate channel of your receiver. (Typically channel 4 for ballast in most radios.)
2. Setup your transmitter: The ON range is between ~20% and ~140% of throw in one direction from center, or from 1.6ms to 2.35ms. Confirm operation with LED under the label in the top left corner of the 2IS.
3. Plug a servo into the **Output Connector (B)** taking note of the correct polarity. Note! If nothing is plugged in to this connector the pins must be covered up with tape/heatshrink to prevent a short circuit otherwise **damage the 2IS or your BEC could result**.
4. Connect the "bottom" **Pump Lead (C)** (closest to the circuit board) to the device you wish to control, typically a pump.
5. Connect the "top" **Battery Lead (D)** (farthest from the circuit board) to your battery bus. (Up to 50V.)

Features

- Switch handles loads of up to 2A ON condition.
- Black battery lead for switched device is isolated from receiver black lead – reduces noise by not introducing ground loops.
- No device setup!
- Incorporates spike suppression components across the pump terminals to suppress flyback voltage spikes. (No external spike suppressors required for solenoids. Noise suppression caps are still recommended when driving motors.)

Questions?

- If you have questions or concerns about your 2IS please contact Kevin McLeod by email at KevinMc.Electronics@gmail.com