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CWswitch **Instructions**

Thank you for purchasing our CWswitch, we are glad to see you are a serious CW operator.

This switch is designed to be used stand-alone or as a slaved accessory for our RIGblaster Duo. The basic function is to switch CW paddles, keys and/or stand alone or computer keyers between two radios for use with break-in or semi-break-in transmit activation.

Since modern radios sometimes have two key/keyer inputs we provide two switching circuits. One switches two wires to select either straight keys or external keyers. Note that the output of a keyer, whether it be a computer being used to type CW or an external keyer controlled by a paddle is two wires just like a straight key. These CW keying devices can only be plugged into a radio's straight key jack.

The other circuit is a three wire switching circuit that is intended for dot-dash paddles that make one connection to send dots and another to send dashes. These paddies must be plugged into a radio's paddle input in order to use a radio's internal keyer.

If all of that makes sense you should be able to connect the CWswitch's keyer connections by looking at the labels on the jacks.

Keyer/straight key inputs:

You may use the front panel 1/4" phone jack keyer input for any two wire straight key or external keyer. You will notice there is another 1/8" keyer B input on the back for a 2nd key or keyer. This would allow you to have your choice of both a keyer and a computer for keying or a keyer and straight key. Of course you could hook up an external keyer, computer keyer and a straight key but you would need a Y cord (not supplied) to do all three.

Paddle inputs:

On the front there is a 1/4" phone jack for a paddle, there is no additional paddle input on the back, you only need one paddle as it can be connected to either radio.

Outputs:

On the back you will see two keyer (2 wire) outputs, A and B, for your two radios, A and B. There are also two paddle outputs (3 wire) for both radios.

Power Input and LED connections:

The 12DC power jack requires 11.5 to 15 VDC with center pin positive + to operate the CW switch's relays. To use it stand-alone connect the power with the correct polarity. The LED OUT is only for use with a RIGblaster Duo.