

Installation of the MCD SWITCH 8/16 Keypad(s) Into the HITEC RANGER 3 Radio System

First, open the radio, using care to save the screws, noting where they go (2 different lengths) and be careful of the wires going to the back of the transmitter.

Dismount the main circuit board by removing the 2 screws and lift it partially from the case. (Note: Remove frequency crystal from front of transmitter first and remember to replace it when finished)

Pick a location on the front lower area of case which is flat and where keypad(s) will not interfere with other controls and carefully drill a **1/8** inch hole(s) through case where channel on back of keypad(s) will cover it.

Remove protective paper from one side of double-sided tape and apply to back of keypad(s).

Remove protective film from front of transmitter covering lower panel.

Remove other backing paper and while feeding wire through holes(s), mount keypad(s) to front of transmitter making **sure** they are square and straight.

Note where the wires for the third or rotary control channel connect to the circuit board.

Note that these are red, white and black with the RED wire connecting to the middle terminal of the circuit board and the control.

The MCD keypad wires although the same colour, DO NOT correspond exactly to the transmitter wires.

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Note the middle **resistor** is marked **152** and the **resistors** on **either side** are marked **472**.

Remove the centre **resistor marked 152** from the circuit board **entirely** by unsoldering it from the circuit board.

Keypad(s) installation **is** now complete. You may now remount circuit board screws and close case.

