

HAM CARDIOID DYNAMIC MICROPHONE

MC-50

INSTRUCTIONS MANUAL



The MC-50 has been designed expressly for amateur radio operation as a high-performance microphone, and will match all Trio-Kenwood Amateur Equipment. A splendid addition to your shack, the base unit "Piano key" switches provide easy, smooth switching between transmit and receive. The base is die-cast zinc, providing the weight necessary to make the MC-50 stay put even at contest speeds.

SPECIFICATIONS

Configuration	Dynamic microphone with push-to-talk circuit.
Element	Moving coil type, unidirectional.
Impedance	Dual ratings: Hi-Z 50 k ohm $\pm 30\%$ (at 1000Hz) Lo-Z 600 ohm $\pm 30\%$ (at 1000Hz) Selectable: Connector "A" switching
Sensitivity	-56dB ± 3 dB/50 k ohm -76dB ± 3 dB/600 ohm (0dB=1V/ μ bar, 1000Hz)
Frequency response	150Hz to 10KHz (-6dB)
Recommended Operation	
Distance to mic.:	10CM (4") Minimum Distance

OPERATION

The "Piano key" switches provide flexibility in send-receive switching. There are two keys; one for push-to-talk, and the other for Lock Key function. To lock the transmitter ON, press the Lock key. Pressing again returns the system to receive.

INSTALLATION

Impedance Selection.

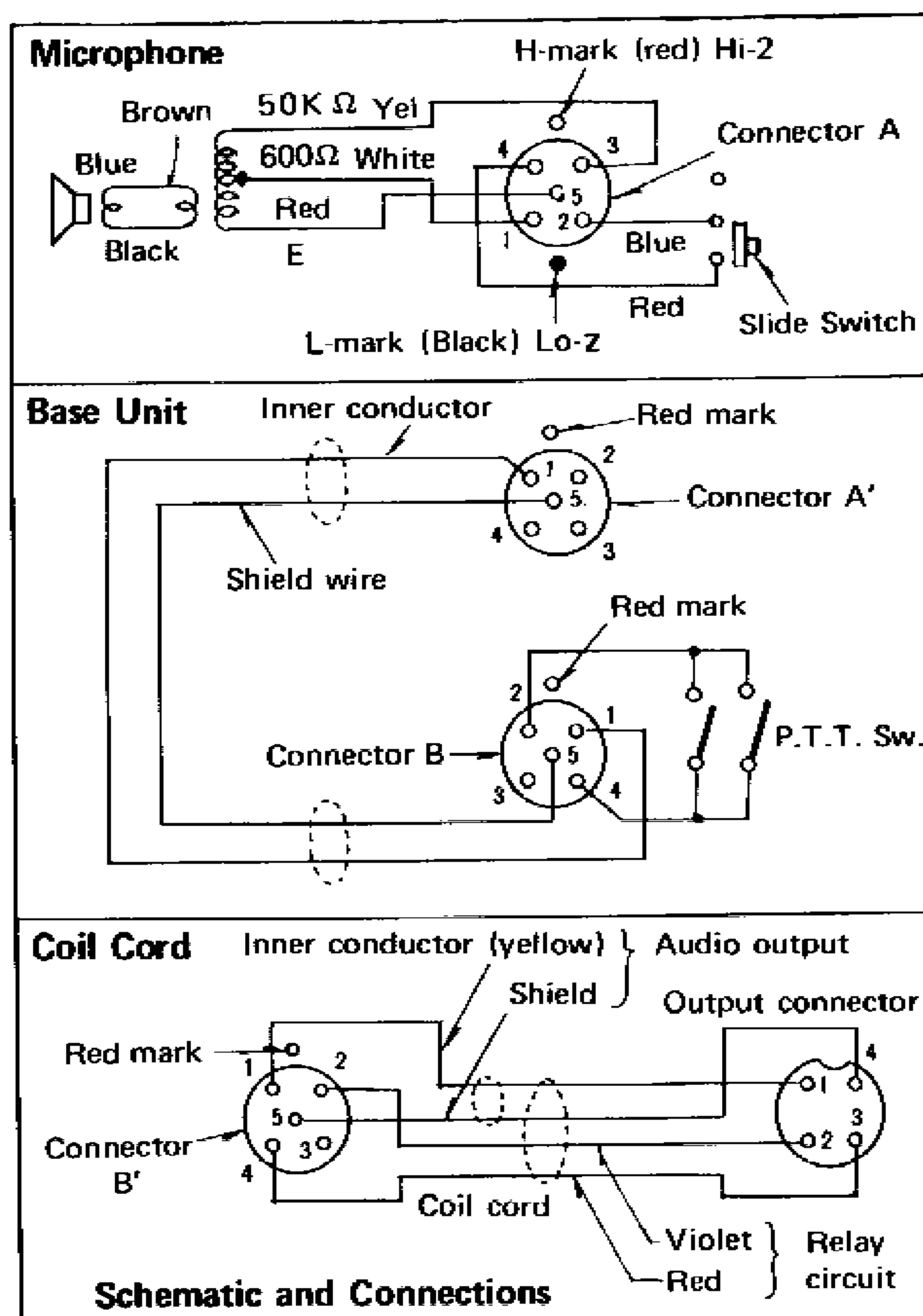
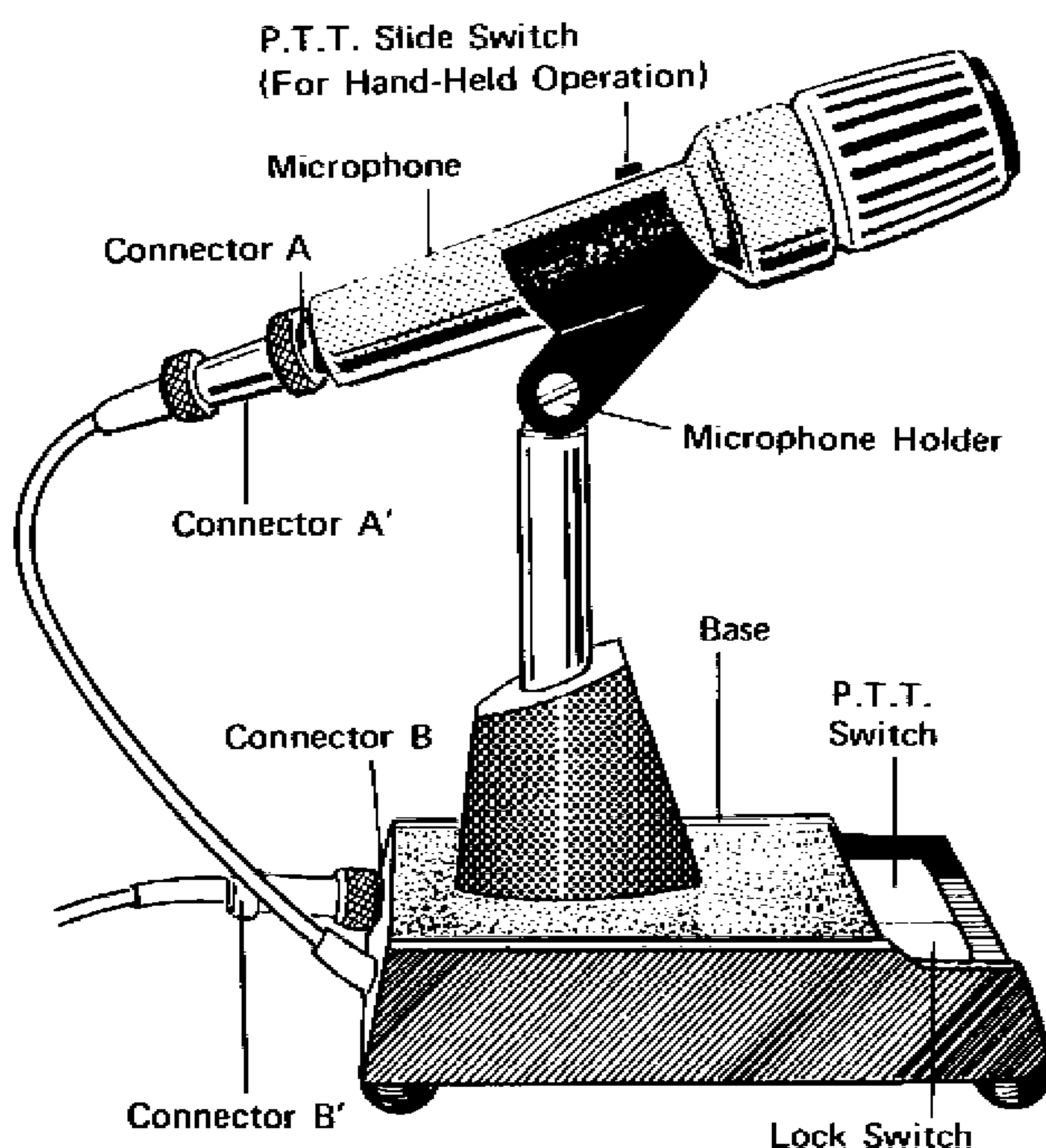
The microphone mounted male connector A is imprinted with a RED H (Hi-Z) and a BLACK L (Lo-Z).

For Hand Held operation, align the Coil Cord connector B' with the appropriate H or L marker. Use the Slide Switch for P.T.T. operation.

For Base mounted operation, align connector A' RED marker with the appropriate H or L marker. When Base-mounted, the Microphone Slide P.T.T. Switch is in-operative-use the Key Switches.

Join the Coil Cord 5 pin female connector B' to the Base 5 pin male connector B so the RED markers align.

Connect the Coil Cord 4 pin female connector to your transceiver.



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