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 ± 30% (at 1000Hz)
Lo-Z 600 ohm ± 30% (at 1000Hz)
Selectable: Connector “A” switching

**Sensitivity**
-56dB ± 3dB/50 k ohm
-76dB ± 3dB/600 ohm
(0dB=1V/μbar, 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 inoperative-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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**Schematic and Connections**

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