

**Radio Features:**

- Built in CTCSS and DCS Encode/Decode
- MH-48A6J DTMF Direct Access Microphone
- RF-Level Squelch
- Dual Receive (DW)
- Transmit Time-Out Timer (TOT)
- Automatic Repeater Shift (ARS)
- 4-level Display Dimmer
- Versatile Scanning Capability
- Wide/Narrow Deviation Selection
- Interactive Programming Menu
- PC Programmable
- Automatic Power-Off (APO),
- Alpha-Numeric Memory System
- Supply Voltage Display

**Specifications**

**General**

RX Frequency Range: 144 - 147 MHz  
 TX Frequency Ranges: 144 - 147 MHz  
 Channel Steps: 5, 10, 12.5, 15, 20, 25, 50, 100 kHz  
 Frequency Stability: ± 10 ppm (-20 ° C to + 60 ° C)  
 Supply Voltage: Nominal 13.8 V DC, Negative Ground  
 Operating 11.7 - 15.8 V DC, Negative Ground  
 Power Consumption: 0.7 A (Receive)  
 12 A (60W) / 9 A (30 W) / 5 A (10 W) / 4 A (5 W)  
 Operating Temperature: - 20 ° C to + 60 ° C  
 Dimensions (W x H x D): 160 x 50 x 185 mm  
 (W/O knob & connectors)  
 Weight (approx.): 1.9 kg

**Transmitter**

Power Output: 60 / 30 / 10 / 5 W  
 Modulation Type: Variable Reactance  
 Maximum Deviation: ± 5 kHz (Wide)  
 ± 2.5 kHz (Narrow)  
 Spurious Emission: At least 60 dB below  
 Microphone Impedance: 2 k-Ohms

**Receiver**

Circuit Type: Double Conversion Superheterodyne  
 Intermediate Frequencies: 21.7 MHz & 450 kHz  
 Sensitivity: Better than 0.4 µV  
 Selectivity (-6/-60 dB): 12 kHz/28 kHz (Wide)  
 9 kHz/22 kHz (Narrow)  
 IF Rejection: Better than 70 dB  
 Image Rejection: Better than 70 dB  
 Maximum AF Output: 3 W into 4 Ohms @10 % THD

**Supplied Accessories**

- MH-48A6J** DTMF Microphone
- MMB-83** Mobile Mounting Bracket
- DC Power Code w/Fuse
- Standing Foot
- Operating Manual

**Available Options**

- MH-42C6J** Hand Microphone
- MLS-100** High Power External Speaker
- FP-1030A** External Power Supply

 <p>DTMF Microphone <b>MH-48A6JA</b></p>	 <p>Normal Microphone <b>MH-42C6J</b></p>
 <p>High-Power External Speaker <b>MLS-100</b></p>	 <p>AC Power Supply (25 A) <b>FP-1030A</b><sup>2</sup></p>

Specifications subject to change without notice or obligation.

Specifications guaranteed only within Amateur band.