

Along with one microphone, the MMB-37 Reversible Mobile Bracket is supplied with the transceiver. For base station installations, the FP-700 AC Power Supply/External Speaker is optionally available.

Please read this manual before installing or operating the FT-712RH.

**SUPPLIED ACCESSORIES**

- MMB-37 Mobile Mounting Bracket D6000056
- Power Supply Cable T9015615 with two 15A fuses, 2.8m
- One of the microphones listed below.

**OPTIONS**

| <u>Model</u> |                                     | <u>Order Code</u> |
|--------------|-------------------------------------|-------------------|
| DVS-1        | Digital Voice Memory Unit           | D3000567          |
| FTS-12       | Tone Squelch Unit                   | D3000488          |
| SP-55        | External Speaker                    |                   |
| MH-14A8      | Hand Speaker/Mic w/Burst Button     | D1000051          |
| MH-14B8      | Hand Speaker/Mic                    | D1000052          |
| MH-14D8      | Standard Hand Mic                   | D1000067          |
| MH-15C8      | Hand Speaker/Mic w/DTMF keypad      | D1000060          |
| MH-15D8      | Hand Mic w/DTMF Autodialler Memory  | D1000061          |
| MF-1A3B      | Boom Microphone with flexible arm   |                   |
| YH-1         | Headset (w/microphone)              |                   |
| SB-10        | PTT Switch Unit for MF-1A3B or YH-1 |                   |

**MODEL CHART**

| Version | Freq. range (MHz) | Rptr. Shift* (MHz) |
|---------|-------------------|--------------------|
| A       | 430 - 450         | ±5                 |
| B       | 430 - 440         | ±7.6**             |
| C       | 430 - 440         | ±1.6**             |
| X       | 430 - 440         | ±5                 |

\* Default - freely programmable by operator

\*\* Burst tone activated by MH-14A8 Microphone.

**GENERAL**

**Frequency range:**

see Model Chart

**Channel steps (user-selectable):**

5/10/12.5/20/25 kHz

**Standard repeater shift:**

see Model Chart

**Mode of emission:**

G3E

**Antenna impedance:**

50 ohms, unbalanced

**Supply voltage:**

13.8 VDC ±10%, neg. ground

**Supply current:**

Transmit 35W: 10A

Receive: 500mA

Standby: 300mA

**Operating temp. range:**

-20 to +60 °C

**Frequency accuracy:**

±5ppm (-5° to +50°C)

**Case size (WHD):**

140 x 40 x 160mm

**Weight:**

Approx. 1.25 kg

**RECEIVER**

**Circuit type:**

Double-conversion superhet

**Intermediate frequencies:**

45 MHz & 455 kHz

**Sensitivity (for 12dB SINAD):**

better than 0.18uV

**Image ratio:**

better than 65dB

**Selectivity (-6/-60dB):**

12/30 kHz

**Audio Output (for 5% THD):**

at least 1.5W into 8 ohms

**TRANSMITTER**

**RF output power (50 ohms):**

3 watts and 35 watts

**Modulation method:**

Variable reactance

**Maximum deviation:**

±5 kHz

**Spurious emissions:**

at least 60 dB below carrier

**Microphone impedance:**

2 kilohms

Specifications subject to change without notice.