

## SPECIFICATIONS

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.