

ICOM Radio



General

Frequency coverage (Guaranteed)	
TX:	144–148 MHz
RX:	136–174 MHz
Number of channels	207 channels (200 memory channels, 1 call channel and 6 scan edges)
Type of emissions	F2D, F3E (FM, FM-N)
Power supply requirement	7.5V DC
Frequency stability	±2.5 ppm (–20 °C to +60 °C, –4 °F to +140 °F)
Current drain	
TX (EX H/H/Mid/Low)	1.6/1.4/1.0/0.5 A typical
RX (Max. audio)	450 mA typ. (INT SP), 200 mA typ. (EXT SP)
Antenna impedance	50Ω
Operating temperature range	–20°C to 60°C; –4°F to +140°F
Dimensions (W×H×D) (Projections not included)	58.6 × 112 × 30.5 mm, 2.3 × 4.4 × 1.2 in (with BP-298)
Weight (Approximate)	300 g, 10.6 oz (with BP-298, FA-B57V)

Transmitter

Output power	*7.0/5.5/2.5/0.5 W (EX HVHVMid/Low)
Max. frequency deviation	± 5.0kHz/±2.5kHz (Wide/Narrow)
Spurious emissions	Less than -60 dB
Ext. microphone connector	3-conductor 2.5 (d) mm (1/10") 2.2 kΩ

Receiver

Sensitivity	-124 dBm typical
Squelch sensitivity	-126 dBm typical
Selectivity (Wide / Narrow)	75 dB typical / 70 dB typ.
Intermodulation	65 dB typical
Ext. speaker connector	3-conductor 3.5 (d) mm (1/8") 8Ω
Audio output power	
Internal SP (w/8Ω load)	1500 mW typical
External SP (w/8Ω load)	550 mW typical

*Tx output from 144 – 160 MHz, 5.5w 136 – 144 MHz/160 – 174 MHz

All stated specifications are subject to change without notice or obligation.