



IC-F1000T IC-F2000T

VHF AND UHF TRANSCEIVERS



IC-F1000T



IC-F2000T

Little Radio, Big Sound! Class Leading 1500 mW Audio and Full of Great Features

The IC-F1000/F2000 series provides class leading 1500 mW loud and clear audio with Icom custom high power handling capacity speaker. It offers a compact, waterproof durable design and is full of great features such as motion/stationary detection sensor, man down, voice scrambler and voice announcement functions. The radio is ideal for business and industry users who require economical value and reliability in a radio.

- | Icom custom high power handling capacity speaker for 1500 mW powerful audio
- | Compact, waterproof durable design (IP67 and MIL-STD-810-G)
| Tested to 12 categories of MIL-STD-810-G environmental tests
- | Enhanced emergency safety with built-in motion/stationary detection sensor
- | 128 channel capacity with eight zones
- | Built-in 2-Tone, 5-Tone, CTCSS and DTCS
- | MDC and BISS compatible
- | 16-code inversion voice scrambler
- | Man down and lone worker functions
- | Up to 14 hours of operating time with supplied BP-279 battery
- | 16-position rotary selector and ON/OFF volume knob
- | "Shift key" function increases number of programmable key assignments
- | Eight character alphanumeric display
- | Three colour LED

SPECIFICATIONS

	IC-F1000T	IC-F2000T
GENERAL		
Frequency coverage (MHz)	136-174MHz	400-470MHz
Number of channels	128 channels	
Type of emission	16K0F3E /11K0F3E	
Channel spacing	12.5/25kHz	
Power supply requirement	7.5V DC nominal	
Current drain (typical)		
Tx High	1.3A	1.3A
Rx Max.audio/Standby	330mA (internal SP)/77mA	300mA (internal SP)/80mA
Antenna impedance	50Ω	
Operating temperature range	-30°C to +60°; -22°F to +140°F (Radio specification)	
Dimensions (WxHxD) (Projections not included)	52.2x111.8x24.5mm; 2.06x4.4x0.96 in (With BP-279)	
Weight (approx.)	240g; 8.47oz(with BP-279)	
TRANSMITTER		
Output power	5W, 2W, 1W (Hi, L2, L1)	
Max. frequency deviation	±5.0kHz/±2.5kHz (wide/Narrow)	
Frequency stability	±2.5ppm	
Spurious emissions	80dB	75dB
Audio frequency response	+1dB to -3dB of 6dB/octave range from 300Hz to 3000Hz (Wide) /2550 (Narrow)	
Adjacent channel power	75/70dB (Wide/Narrow)	
FM Hum and noise	55/50dB (Wide/Narrow)	
Audio harmonic distortion	1.0%/1.5% (W/N, AF 1kHz 40% deviation)	
Ext. microphone connector	3-conductor 2.5 (d) mm (1/16")/2.2kΩ	
RECEIVER		
Sensitivity (at 12dB SINAD)	0.25μV	
Adjacent channel selectivity	76/70dB (W/N)	75/70dB (W/N)
Spurious response	80dB	
Audio frequency response	+1dB to -3dB of 6dB/octave range from 300Hz to 3000Hz (Wide) /2550Hz (Narrow)	
Intermodulation	75dB	
Hum and noise	55/50dB (Wide/Narrow)	
Audio output power	1500mW (at 3% distortion)	
External speaker connector	2-conductor 3.5 (d) mm (1/8")/8 Ω	

Measurements made in accordance with TIA-603.

Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810G	
	Method	Procedure
Low Pressure	500.5	I, II
High Temperature	501.5	I, II
Low Temperature	502.5	I, II
Temperature Shock	503.5	I-C
Solar Radiation	505.5	I
Rain Blowing/Drip	506.5	I, III
Humidity	507.5	II
Salt Fog	509.5	-
Dust Blowing	510.5	I
Immersion	512.5	I
Vibration	514.5	I
Shock	516.5	I, IV

Also meets equivalent MIL-STD-810-C, -D, -E and -F.

Ingress Protection Standard	
Dust and Water	IP67 (Dust-tight and waterproof protection)

BATTERY PACKS

Battery packs	Type	Capacity	Operatings time*
BP-279	Li-ion 7.2V	1600mAh	14 hours (Approx.)
BP-280	Li-ion 7.2V	2450mAh	20 hours (Approx.)

*Tx; Rx; standby = 5:5:90. Power save function ON. Capacity : Typical Spec.



BELT CLIP



MB-133 Alligator type Same as supplied

RAPID CHARGER



BC-123SA

BC-213

MULTI-CHARGER



BC-214

Chargers up to six BP-279 battery packs in 2.5 hour (approx.)

CIGARETTE LIGHTER CABLE & POWER SUPPLY CABLE



CP-23L

OPC-656

For use with BC-213

For use with BC-214

PTT SWITCH CABLE & PLUG ADAPTER CABLE



VS-4LA

OPC-2004LA

Either VS-4LA or OPC-2004LA is required when using HS-97

SPEAKER-MICROPHONE



HM-171GPW

HM-168LWP

HM-159LA

HM-158LA

EARPHONE-MICROPHONE



HM-2PL-OW

HM-166LA

GSR-M1 Earphone Microphone for Thai Version Only

CHARGER BRACKET



MB-130 For use with BC-213

CHARGER ADAPTER
AD-130 Charger adapter is supplied with the BC-213

HEADSETS



HS-94LWP Ear-hook type

HS-95LWP Behind-the-head type

HS-97 Throat type

STANDARD ANTENNAS

- FA-SC25V: 136-150MHz • FA-SC72U: 470-520MHz
- FA-SC55V: 150-174MHz • FA-SC01U: 350-400MHz
- FA-SC25U: 400-430MHz
- FA-SC57U: 430-470MHz

STUBBY ANTENNAS

- FA-SC26VS: 136-144MHz • FA-SC26US: 400-450MHz
- FA-SC27VS: 142-150MHz • FA-SC73US: 450-490MHz
- FA-SC56VS: 150-162MHz
- FA-SC57VS: 162-174MHz

CUT ANTENNAS HIGH GAIN ANTENNAS

- FA-SC61VC: 136-174MHz • FA-SC62V: 150-160MHz
- FA-SC61UC: 380-520MHz • FA-SC63V: 155-165MHz



The "3D GENUINE Icom label" is attached to the rear chassis under the battery. Check the Icom website for details: <http://www.icom.co.jp/world/genuine-info/>

Supplied accessories: (May differ depending on version)

- Battery pack, BP-279 or BP-280
- Desktop charger, BC-213
- AC adapter, BC-123S
- Belt clip, MB-133
- Antenna

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