

  
ICOM

245-247 MHz VHF/FM TRANSCEIVER

**IC-50FX PLUS**

**Compact, Waterproof Professional CB Radio**



MIL-STD  
810G

IP67  
↓  
-1m

- ช่องใช้งาน 160 ช่อง ตามมาตรฐาน กสทช.
- ขนาดเล็ก น้ำหนักเพียง 240 กรัม
- กินไฟเพียงนิดเดียว 5 วัตต์ กิน 1.3A
- ช่องย่อยมากกว่า 100,000 ช่อง
- MIL-STD 810G และ IP67
- วงจรหนอมเครื่อง (TOT)
- SCRAMBLER FUNCTION
- DTMF/PAGER-CODE/SQUELCH
- ปุ่ม P0-P3, ปุ่มสีแดง สามารถโปรแกรม ฟังก์ชันได้ตามต้องการ
- ลำโพงภายในตั้งถึง 2500mW

## SPECIFICATIONS

GENERAL	
Frequency range	245.0000-246.9875MHz
No. of operating Ch.	CB 160 channels (Simplex)
Type of emission	FM (8K50F3E)
Antenna impedance	50Ω (BNC)
Operating Temp. range	-30°C to +60°C
Frequency stability	±2.5ppm
Power supply voltage	7.2V DC with supplied battery pack
Current drain (approx.)	
Tx High/Low	1.3A/0.7A (5W/1W)
Rx Max.audio/Standby	500mA/77mA
Dimensions (WxHxD)	52.2x111.8x24.5 mm; 2.06x4.4x0.96 in (Projections not included)
Weight (approx.)	240g ; 8.47 oz (With BP-279)
TRANSMITTER	
Output power (at 7.2V)	5W /1W (High/low)
Max. freq. deviation	±2.5kHz
Spurious emissions	70dB
Adjacent Ch. power	65dB
FM Hum and noise	40dB
Ext. microphone connector	3-conductor 2.5 (d) mm (1/8")/2.2kΩ
RECEIVER	
Intermediate freq.	46.35MHz/450kHz (1st/2nd)
Sensitivity	0.2μV (at 12dB SINAD)
Squelch sensitivity	0.2μV (threshold)
Adjacent Ch. selectivity	65dB
Spurious response	85dB
Intermodulation	75dB
Hum and noise	50dB
Audio output power	2500 mW
Ext. speaker connector	3-conductor 3.5(d)mm(1/8")/8Ω

Measurements made in accordance with EIA/TIA-603.  
All stated specifications are subject to change without notice or obligation.

### 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	514.6	I
Shock	516.6	I, IV

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

Ingress Protection Standard (IC-30FX, BP-232WP & HM-168LWP)	
Dust & Water	IP67 (Dust-tight and waterproof protection)

**Supplied accessories:** (May differ according to version)  
 • Battery pack, BP-232WP    • Belt clip, MB-94    • Antenna

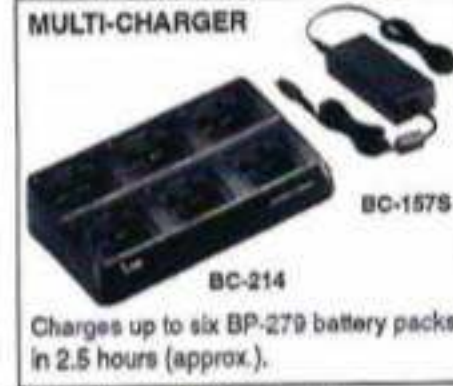
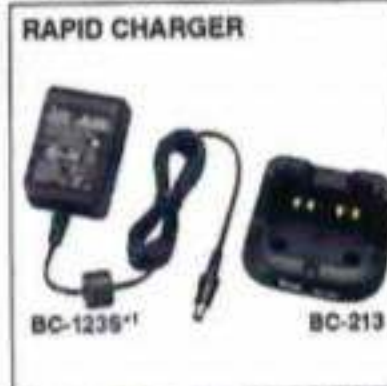
## OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.

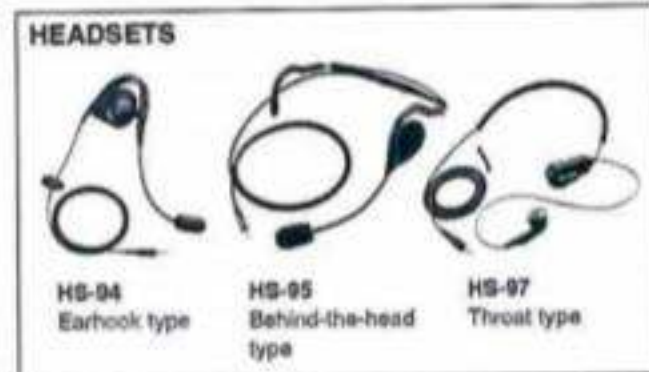


Battery packs	Type and capacity	Operating time*
BP-278	Li-Ion, 7.2V 1200mAh	10 hours (Approx.)
BP-279	Li-Ion, 7.2V 1600mAh	14 hours (Approx.)
BP-280	Li-Ion, 7.2V 2450mAh	20 hours (Approx.)

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



\* BC-1235A for 120V AC, SE for 230V AC, SV for 240V AC.



**STANDARD ANTENNAS**  
 • FA-B71V 245-247MHz ANTENNA  
 Same as supplied.

**Supplied accessories:** (May differ depending on version)  
 • Battery pack, BP-279    • Desktop charger, BC-213    • AC adapter, BC-1235  
 • Belt clip, MB-133    • Antenna

**GENUINE** 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/>

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