

 ICOM

245-247 MHz VHF/FM TRANSCEIVER

IC-50FX PLUS

Compact, Waterproof Professional CB Radio



- 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 สามารถโปรแกรมฟังก์ชันได้ตามต้องการ
- ลำโพงภายในดังถึง 2500mW

MIL-STD
810G

IP67
↓
-1m

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")/2.2k Ω
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.

RAPID CHARGER



MULTI-CHARGER



CIGARETTE LIGHTER CABLE & POWER SUPPLY CABLE



*1 BC-123SA for 120V AC. SE for 230V AC. SV for 240V AC.

SPEAKER-MICROPHONES



EARPHONE-MICROPHONES



HEADSETS



PTT SWITCH CABLE



BELT CLIP



CHARGER BRACKET



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-123S
- Belt clip, MB-133
- Antenna



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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