



VHF FM TRANSCEIVER

IC-V80-T

Tough body and powerful audio!

Rugged
MIL-STD 810

IP54

- 750mW* loud and intelligible audio with BTL amplifier and large 36mm speaker
* Typical value with internal speaker.
- Powerful 5W of output power
- IP54 and MIL-STD-810 rugged construction
- Large capacity Li-Ion battery pack provides 19 hours* of operating time
* Typical operation. 5:5:90 duty cycle with auto power save.
- Integrated VOX function
- 200 memory channels, 1 call channel and 6 scan edges
- Built-in CTCSS and DTCS encoder/decoder
- 5 character alphanumeric display
- Priority, program, memory, skip and tone scanning
- 16 DTMF autodial memories
- Repeater lockout and busy channel lockout
- Time-out-timer
- Power save function and auto power off
- Transceiver-to-transceiver cloning (Optional)



Dust Protection



Water Resistance



Transit Drop Test
(Photo shows image)

SPECIFICATIONS

GENERAL

- Frequency coverage : 144-146MHz
- Type of emissions : F2D/F3E (FM)
- No. of memory Ch. : 207 (incl. 6 scan edges and 1 call)
- Operating Temp. range : -20°C to +60°C; -4°F to +140°F (Radio only)
- Frequency stability : ±2.5ppm (-20°C to +60°C) at 25°C
- Power supply requirement : 7.2V DC
- Current drain (at 7.2V DC):
 - Tx High (5W) : 1.4A typical
 - Rx Max. audio : 310mA typical (Internal SP, 16Ω load)
 - Stand-by : 65mA typical
 - Power save : 20mA typical
- Antenna impedance : 50Ω (BNC)
- Dimensions (WxHxD) : 58 × 112 × 30 mm; (Projections not included) 2⁹/₃₂ × 4¹⁹/₃₂ × 1¹/₁₆ in
- Weight (approx.) : 140g; 4.9oz (without battery pack) 360g; 12.7oz (with BP-264 and Ant.)

TRANSMITTER

- Output power (at 7.2V) : 5/2.5/0.5W (High/mid/low)
- Max. freq. deviation : ±2.5kHz
- Spurious emissions : Less than -70dB
- External microphone : 3-conductor 2.5(d)mm (1/16")/2.2kΩ connector

RECEIVER

- Sensitivity : 0.14μV typical (at 12dB SINAD)
- Squelch sensitivity : 0.1μV typical (threshold)
- Selectivity : 60dB
- Intermodulation : 65dB
- Spurious and image rejection : 75dB typical
- Audio output power : 750mW
- External speaker connector : 3-conductor 3.5(d) mm (1/8")/8Ω

Applicable U.S. Military Specifications

Icom makes rugged products that have been tested to and passed the following MIL-STD requirements and strict environmental standards.

Standard	MIL 810 C		MIL 810 D		MIL 810 E		MIL 810 F	
	Method	Proc.	Method	Proc.	Method	Proc.	Method	Proc.
Low Pressure	500.1	I	500.2	I, II	500.3	I, II	500.4	I, II
High Temp.	501.1	I	501.2	I, II	501.3	I, II	501.4	I, II
Low Temp.	502.1	I	502.2	I, II	502.3	I, II	502.4	I, II
Temp. Shock	503.1	I	503.2	I, II	503.3	I, II	503.4	I, II
Solar Radiation	505.1	I	505.2	I	505.3	I	505.4	I
Rain Blowing Drip	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, II
Humidity	507.1	I, II	507.2	I, II, III	507.3	I, II, III	507.4	—
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	—
Dust Blowing	510.1	I	510.2	I	510.3	I	510.4	I
Vibration	514.2	VIII, X	514.3	I	514.4	I	514.5	I
Shock	516.2	I, II, V	516.3	I, IV	516.4	I, IV	516.5	I, IV

Ingress Protection Standard

Dust & Water	IP54 (Dust-protection and water resistant)
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ICOM ของแท้ต้องมี สติกเกอร์ไอโซแกรม GSR ติด ที่เครื่อง ด้าน เหนือซาร์จ และสติกเกอร์ กทข.สงทหายด้วย 0022 เท่านั้น



CLASS B
NTC ID B10015-10-0022

[สติกเกอร์ไอโซแกรม GSR] [สติกเกอร์ กทข.สงทหายด้วย 0022]

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

OPTIONS

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



BP-263 BATTERY CASE
Battery case for AA (LR6)x6 alkaline cells.
BP-264 7.2V/1400mAh Ni-MH BATTERY PACK
Provides 13 hours operating time* (approx.).
BP-265 7.4V/1900mAh (min.), 2000mAh (typ.), Li-Ion BATTERY PACK
Provides 19 hours operating time* (approx.).
(* Tx (Hi): Rx: standby=5:5:90, Power save on.)



REGULAR CHARGER
For BP-264 (Ni-MH battery)
BC-192 DESKTOP CHARGER
+ **BC-147S* AC ADAPTER**
Charges the BP-264 in 16 hours (approx.).



RAPID CHARGER
For BP-264 (Ni-MH battery)
BC-191 DESKTOP CHARGER
+ **BC-123S* AC ADAPTER**
Charges the BP-264 in 2 hours (approx.).



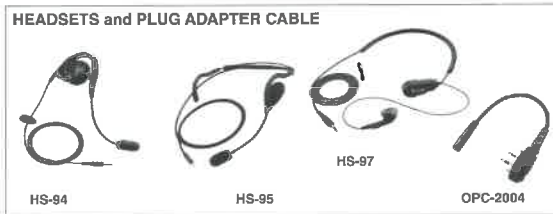
RAPID CHARGER
For BP-265 (Li-Ion battery)
BC-193 DESKTOP CHARGER
+ **BC-123S* AC ADAPTER**
Charges the BP-265 in 2.5 hours (approx.).



POWER SUPPLY CABLES
CP-23L CIGARETTE LIGHTER CABLE
For use with the BC-191 or BC-193.
OPC-515L DC POWER CABLE
For use with the BC-191, BC-192 or BC-193.



SPEAKER-MICROPHONES
HM-153L: Durable earphone-microphone.
HM-158L: Compact type speaker-microphone.
HM-159L: Full size durable speaker-microphone.



HEADSETS and PLUG ADAPTER CABLE
HS-94: Earhook headset with flexible boom microphone.
HS-95: Behind-the-head headset with flexible boom microphone.
HS-97: Throat microphone that fits around your neck and picks up speech vibrations.
OPC-2004: Required when using any of these headsets.



BELT CLIP
MB-124
Alligator type clip.
Same as supplied.

CS-V80 CLONING SOFTWARE
+ **OPC-478/UC CLONING CABLE**
Provides quick and easy programming of memory channel, names, etc. OPC-478UC is a USB cable type.
OPC-474 CLONING CABLE
Cloning cable for transceiver-to-transceiver data cloning.
FA-B2E VHF ANTENNA
Same as supplied.

ระวัง! สินค้าปลอม

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