Tough body and powerful audio!

- 750mW* loud and intelligible audio with BTL amplifier and large 36mm speaker
  * Typical value with internal speaker.
- Powerful 5.5W 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
- PC programmable (With optional CS-V80)
- Transceiver-to-transceiver cloning (Optional)
- Wide/narrow channel spacing
VHF FM TRANSCEIVER

IC-V80 LM version

SPECIFICATIONS

GENERAL

Frequency coverage 136–174MHz* 144–146MHz
* Guaranteed range
Type of emissions F2D, F3E (FM)
Number of channels 207 channels (include 6 scan edges and 1 call)
Antenna impedance 50Ω (BNC)
Power supply requirement 7.2V DC
Operating temperature 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
Current drain (approx.)
Tx High 1.4A typ.
Rx Max. audio/Interol SP 310mA typ. (16Ω load)
External SP 180mA typ. (8Ω load)
Stand-by/Power save 65mA typ.
Dimensions (W×H×D) (Projections not included) 58 × 112 × 30 mm; 2.28 × 4.11 × 1.18 in
Weight (approx.) 140g; 4.9oz (without battery pack)
Audio output power
Internal SP 750mW typ. (16Ω load)
External SP 450mW typ. (8Ω load)
External speaker connector 3-conductor 3.5(d) mm (1/8") × 1.4A typ.

TRANSMITTER

Weight (approx.) 360g; 12.7oz (with BP-264 and antenna)
Power supply requirement 7.2V DC
Dimensions (W×H×D) 308mm × 180mm × 20mm typ.

RECEIVER

Spurious emissions Less than –60dB
Sensitivity 0.14µV typ. (at 12dB SINAD)
Selectivity 70dB/50dB typ. (Wide/narrow)
Spurious and image rejection 75dB typ.
Audio output power
Internal SP 750mW typ. (16Ω load)
External SP 450mW typ. (8Ω load)
External speaker connector 3-conductor 3.5(d) mm (1/8") × 1.4A typ.

OPERATING SPECIFICATIONS

Audio output power
Internal SP 750mW typ. (16Ω load)
External SP 450mW typ. (8Ω load)
External speaker connector 3-conductor 3.5(d) mm (1/8") × 1.4A typ.

Ingress Protection Standard

Dust & Water IP54 (Dust-protection and water resistant)

REGULAR CHARGER

For BP-264 (Ni-MH battery)
BC-175S/BC-265S*1
BC-192
Charges the BP-264 in 16 hours (approx.).

Rapid charger

For BP-264 (Ni-MH battery)
BC-123S*1
BC-191
Charges the BP-264 in 2 hours (approx.).

For BP-265 (Li-ion battery)
BC-123S
BC-193
Charges the BP-265 in 2.5 hours (approx.).

MULTI-CHARGER

For BP-264/265
BC-175S
BC-192
BC-193

CIGARETTE LIGHTER CABLE & POWER SUPPLY CABLES

CP-23L
For use with BC-191 or BC-192
BC-193

HEADSETS AND PLUG ADAPTER CABLE

HS-94 Earhook type
HS-95 Behind-the-head type
HS-97 Throat type
OPC-2004LA Required when using any of these headsets

EARRING MICROPHONE

HM-153LA

CHARGER BRACKET

MB-130 For use with BC-191, BC-192 or BC-193

SPEAKER-MICROPHONES

HM-159LA
HM-159LA

tx. Rx. standby = 5.5:00. Power save function ON.

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

BP-263
BP-264
BP-265

Battery packs Type and capacity Operating time*1
BP-263 AA (LR6) batteries x 6 –
BP-264 Rechargeable Ni-MH, 1400mAh (Approx) 13 hours
BP-265 Rechargeable Li-ion, 1900mAh (min), 2000mAh (typ.) 19 hours (Approx.)

* Tx. Rx. standy = 5.5:00. Power save function ON.

ACCESSORIES

Table of Accessories

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