

## *Tough body and powerful audio!*



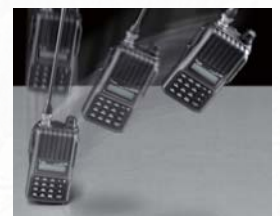
- 750mW\* loud and intelligible audio with BTL amplifier and large 36mm speaker  
\* Typical value with internal speaker.
- 400–470MHz coverage
- Powerful 4W of output power
- IP54 and MIL-STD-810 rugged construction
- Large capacity Li-Ion battery pack, BP-265 provides 17.5 hours\* of operating time  
\* 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-U80)
- Transceiver-to-transceiver cloning (Optional)
- Wide/narrow channel spacing
- Long or short squelch delay



Dust Protection



Water Resistance



Transit Drop Test  
(Photo shows image)

## SPECIFICATIONS

### GENERAL

- Frequency coverage : 400-470MHz
- Type of emissions : F2D, F3E (FM)
- Number of channels : 207 channels (including 1 call Ch. and 3 pairs of scan edges)
- Antenna impedance : 50Ω (BNC)
- Power supply requirement : 7.2V DC
- Operating Temp. range: -20°C to +60°C (Radio only)
- Frequency stability : ±2.5ppm (-20°C to +60°C) at 25°C
- Current drain (at 7.2V DC):
  - Tx High (4.0W) 1.4A typ.
  - Rx Max. audio 280mA typ. (Internal SP, 16Ω load)
  - 160mA typ. (External SP, 8Ω load)
  - Stand-by 58mA typ.
  - Power save 32mA typ.
- Dimensions (W×H×D) : 58 × 112 × 30 mm (Projections not included)
- Weight (approx.) : 140g (without battery pack)  
360g (with BP-264 and FA-B70C)

### TRANSMITTER

- Output power (at 7.2V) : 4.0/2.0/0.5W (High/Mid/Low)
- Max. freq. deviation : ±5.0kHz±2.5kHz (Wide/Narrow)
- Spurious emissions : Less than -65dB
- External microphone : 3-conductor 2.5(d)mm (1/16")2.2kΩ connector

### RECEIVER

- Sensitivity : 0.2μV typ. (at 12dB SINAD)
- Squelch sensitivity : 0.11μV typ. (threshold)
- Selectivity : 70dB/60dB typ. (Wide/Narrow)
- Intermodulation : 70dB/70dB typ. (Wide/Narrow)
- Spurious and image rejection : 70dB typ.
- Audio output power : 750mW typ. (Internal SP, 16Ω load)  
400mW typ. (External SP, 8Ω load)
- External speaker connector : 3-conductor 3.5(d) mm (1/8")8Ω

### Applicable U.S. Military Specifications & IP Rating

Standard	MIL 810 F	
	Method	Procedure
Low Pressure	500.4	I, II
High Temperature	501.4	I, II
Low Temperature	502.4	I, II
Temperature Shock	503.4	I
Solar Radiation	505.4	I
Rain	506.4	I, III
Humidity	507.4	-
Salt Fog	509.4	-
Dust	510.4	I
Vibration	514.5	I
Shock	516.5	I, IV

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

Ingress Protection Standard	
Dust & Water	IP54 (Dust-protection and water resistant)

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.

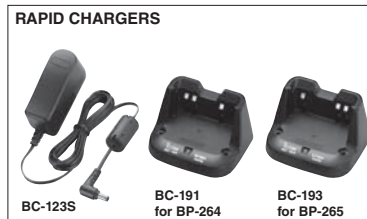


**BP-263 BATTERY CASE**  
Battery case for AA (LR6)×6 alkaline cells.  
**BP-264 7.2V/1400mAh Ni-MH BATTERY PACK**  
Provides 14.5 hours operating time\* (approx.).  
**BP-265 7.4V/1900mAh (min.), 2000mAh (typ.), Li-Ion BATTERY PACK**  
Provides 17.5 hours operating time\* (approx.).  
(\* Tx (Hi): Rx 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.).  
\* BC-123SA/BC-147SA for 120V AC.  
SE for 230V AC. SV for 240V AC.



**RAPID CHARGERS**

**BC-191 DESKTOP CHARGER** for BP-264  
+ **BC-123S\* AC ADAPTER**  
The BC-191 charges the BP-264 in 2 hours (approx.).  
**BC-193 DESKTOP CHARGER** for BP-265  
+ **BC-123S\* AC ADAPTER**  
The BC-193 charges the BP-265 in 2.5 hours (approx.).



**MULTI-CHARGER**

**BC-197 MULTI-CHARGER** + **BC-157S AC ADAPTER**  
Rapidly charges up to 6 BP-264 or BP-265 battery packs. Battery pack compatibility differs depending on installed charger adapter (AD-120 or AD-121). Charges the BP-264 in 2 hours (approx.) or the BP-265 in 2.5 hours (approx.).



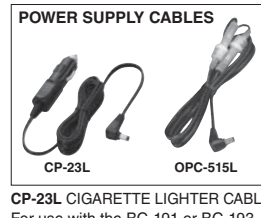
**SPEAKER-MICROPHONES**

**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.



**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.  
**OPC-656 DC POWER CABLE**  
For use with the BC-197.

**FA-B70C UHF ANTENNA**  
**MB-124 BELT CLIP**  
Alligator type clip. Same as supplied.  
**AD-120 CHARGER ADAPTER** for BP-264  
**AD-121 CHARGER ADAPTER** for BP-265  
Either AD-120 or AD-121 charger adapters are supplied with the BC-197, depending on BC-197's version.  
**CS-U80 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.

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