

You Can Talk and Listen at the Same Time Full-Duplex IP Radio



Instant Wide Area Coverage Over an LTE/3G Network

It provides wide area communication using a cellular network.*

* Network coverage provided by a generally available data SIM card. Radio registration is required separately.

Multiple User Communication

Multiple users in the call groups can initiate calls instantaneously.

Priority Interrupt Calling

You can break into an on-going call to transmit an important message.

Industry Leading Compact and Lightweight Design

IP67 Dust-Tight and Waterproof

900 mW Powerful and Clear Audio

Other Features

- Individual, Group, Talkgroup, Multiplex Talkgroup and All calls*
* Depending on system configuration
- Emergency button, Lone Worker and Man Down functions
- Vibration alert function notifies of incoming call
- Up to 500 memory address book
(including Group, Individual, Talkgroup and Telephone lists)
- Voice message recording
- Built-in Bluetooth® capability

OPTIONAL ACCESSORIES


<p>BATTERY PACK</p>  <p>BP-272 Rechargeable Li-ion 1880/2000 mAh(min./typ.) IP67 waterproof</p>	<p>MULTI-CONNECTABLE RAPID CHARGER</p>  <p>BC-202IP3L BC-123S^{*1} AC adapter for single unit</p> <p>Connect up to 6 BC-202IP3L units BC-228 AC adapter is required for multiple connections.</p>	<p>MULTI-CHARGER</p>  <p>BC-211^{*2} BC-157S AC adapter</p>
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*1 The straight plug type is required.

*2 AC adapter may be supplied as standard, depending on the version.

<p>CHARGER CRADLE</p>  <p>BC-218 Charger cradle with Bluetooth® function BC-207S AC adapter</p> <p>HM-215 Speaker-microphone for BC-218 MBA-7 Bracket adapter for BC-218 MBF-1 Mounting base</p>	<p>SPEAKER-MICROPHONES</p>  <p>HM-183LS IPX7 waterproof HM-186LS</p>	<p>EARPHONE-MICROPHONES</p>  <p>HM-153LS HM-166LS</p>
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HEADSETS



HS-102^{*3} Earphone type **HS-94**^{*4} Earhook type **HS-95**^{*4} Behind-the-head type **HS-97**^{*4} Throat-microphone type **VS-3** Bluetooth® headset

CARRYING CASE AND SHOULDER STRAP



LC-185^{*5} **MB-57L** For use with LC-185

- **CP-22:** Cigarette lighter cable with DC-DC converter (12-24 V DC) (For use with BC-218)
- **CP-23L:** Cigarette lighter cable for 12 V DC (For use with BC-218)
- **CP-25H:** Cigarette lighter cable for 12 V DC (For use with BC-202IP3L single unit)
- **MB-135:** Belt clip. Same as supplied.
- **OPC-2006LS:** Plug adapter cable for VOX operation.
- **OPC-2328:** PTT switch cable
- **OPC-2359:** PTT switch cable

*3 OPC-2359 is required when using HS-102.

*4 Either OPC-2006LS or OPC-2328 is required when using any of these headsets. (Simplex mode operation only.)

*5 Charging is possible while the case is attached.

SPECIFICATIONS

Network	EXP	LTE B1, B3, B7, B8, B20 W-CDMA B1, B8
	AUS	LTE B1, B3, B5, B7, B8, B28 W-CDMA B1, B5
Dimensions (W × H × D; Projections not included)	59 × 95 × 32 mm; 2.3 × 3.7 × 1.3 in (with BP-272)	
Weight (approx.)	240 g; 8.5 oz (with BP-272 and antenna)	
Voice Codec	G.726 (32 kbps)	
AF output power (8 Ω at 10% distortion)	Internal SP	More than 900 mW
	External SP	More than 200 mW
Operating time (TX : RX : standby = 5 : 5 : 90)	17 hours (with BP-272)	
Bluetooth®	Ver 2.1 +EDR	
GPS	Built-in	
Operating temperature	-10 °C to +60 °C; +14 °F to +140 °F	
IP rating	IP67 (dust-tight and waterproof) IP55/54 (dust and water jet / water resistance)	

* Operating time may differ depending on operating environment. All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications

MIL 810G Standard	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
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.

Supplied accessories

- BP-272 Li-ion battery pack
- Hand strap
- MB-135 belt clip
- Antenna

SPEAKERPHONE UNIT




VE-SP1
JUST SLOT IN THE IP503H(Lite) AND START A VOICE CONFERENCE

- Portable operation with LR6 (AA)×8 cells
- Built-in loudspeaker and high sensitivity microphone
- Charges the radio while using with the AC adapter
- Great as a teleworking type solution

* The transceiver is not supplied.

Note for IP503H users:
The IP503H(Lite) (front panel is blue) uses a generally available data SIM card and is controlled by the IP4000C system.
The IP503H(Lite) is not compatible with IP503H radios (black front panel) which use a closed network provided by custom Icom SIM card.



IP503H **IP503H(Lite)**

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