

# You Can Talk and Listen at the Same Time Full-Duplex, Dual SIM 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.

## Dual SIM Capability for Communication Redundancy

Two different SIM cards can be installed. Switch between them as required.\*

\* Single standby only

## 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 and GPS

## OPTIONAL ACCESSORIES



**BC-272**  
Rechargeable Li-ion  
1800/2000 mAh(min./typ.)  
IP67 waterproof



**BC-202IP3L** BC-123S<sup>1</sup>  
AC adapter for single unit

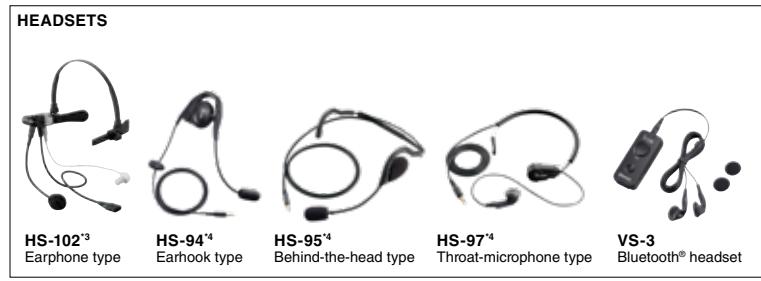
Connect up to 6 BC-202IP3L units

**BC-228** AC adapter is required  
for multiple connections.



**BC-211**<sup>2</sup> **BC-157**  
AC adapter

<sup>1</sup>The straight plug type is required.  
<sup>2</sup>2 AC adapter may be supplied as standard, depending on the version.



<sup>3</sup>3 OPC-2359 is required when using HS-102.

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



<sup>5</sup>Charging is possible while the case is attached.

- **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

## 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 x H x D; Projections not included)		59 x 95 x 32 mm; 2.3 x 3.7 x 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
- MB-135 belt clip
- Hand strap
- Antenna



## 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.

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