



IP504H

IP TRANSCEIVER

Instant Communication Across North & Latin America Seamless Push-to-Talk with LTE Technology



Talk Listen
Simultaneous

Push-to-Talk Solution Across North and Latin America*

Provides wide area communication capability using an LTE network.

* Network coverage is provided in USA, Canada, Mexico and select Latin American countries by a custom ICOM SIM card. Contact us for specific country coverage details.

Loud and Powerful Audio

The IP504H provides 900 mW of loud audio from the internal speaker. Even when paired with the optional speaker-microphone, HM-222HLS, it maintains robust volume levels.

Emergency Features to Enhance User Safety

Emergency button, Man Down, and Lone Worker functions.

Simultaneous TalkListen™

Allows seamless two-way communication, just like a phone call.

Compact and Lightweight Design

IP67 Dust-Tight and Waterproof

Other Features

- Individual, Group, Talkgroup, Multiplex Talkgroup and All calls*
- * Depending on the system configuration
- Vibration alert function notifies of incoming calls
- Up to 500 memory addresses (including Group, Individual, Talkgroup and Telephone lists)
- Voice message recording and playback functions
- Built-in Bluetooth® capability and GPS
- Text message reception and preprogrammed message transmission
- Dual SIM capability



IP504H

OPTIONAL ACCESSORIES

SPEAKER MICROPHONES

HM-222HLS
High-power speaker

HM-183LS

HM-186LS

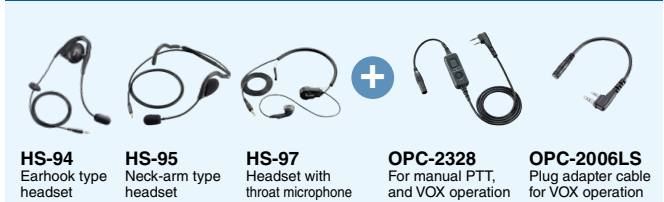
EARPHONE-MICROPHONES



HM-153LS

HM-166LS

HEADSETS and PTT SWITCH/PLUG ADAPTER CABLE

HS-94
Earhook type
headsetHS-95
Neck-arm type
headsetHS-97
Headset with
throat microphoneOPC-2328
For manual PTT,
and VOX operationOPC-2006LS
Plug adapter cable
for VOX operation

HEADSET and PTT SWITCH

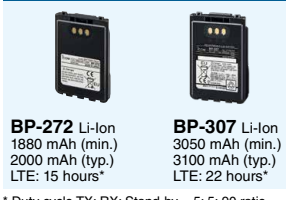


HS-102

OPC-2359
PTT switchBLUETOOTH®
HEADSET

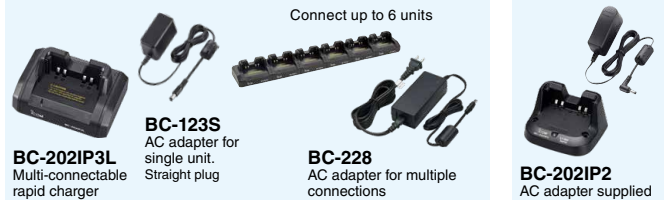
VS-3

BATTERY PACKS

BP-272 Li-Ion
1880 mAh (min.)
2000 mAh (typ.)
LTE: 15 hours*BP-307 Li-Ion
3050 mAh (min.)
3100 mAh (typ.)
LTE: 22 hours*

* Duty cycle TX: RX: Stand-by = 5: 5: 90 ratio.

CHARGERS

BC-202IP3L
Multi-connectable
rapid chargerBC-123S
AC adapter for
single unit.
Straight plug

Connect up to 6 units

BC-228
AC adapter for multiple
connectionsBC-202IP2
AC adapter supplied

MULTI-CHARGER

BC-211
AC adapter supplied,
depending on the version.

CHARGER CRADLE, SPEAKER MIC and MOUNTING BASE

BC-218
Charger cradle with
Bluetooth® functionBC-207S
AC adapterHM-215
Speaker-microphone
for BC-218MBA-7
Bracket adapter
for BC-218MBF-1
Mounting base

CARRYING CASE

LC-185
For use with BP-272
Charging is possible while
the case is attached

Belt Clip

• MB-135 Same as supplied

Cigarette Lighter Cable

- CP-22 Cigarette lighter cable with DC-DC converter (12-24 V DC) For use with BC-218
- CP-23L For use with BC-218
- CP-25H For use with BC-202IP3 single unit

SPECIFICATIONS

Network	FD-LTE	B2, B4, B5, B12, B13, B14, B25, B26, B66, B71
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 (approximate)		250 g; 8.8 oz (with BP-272 and antenna)
Voice Codec		G.726 (32 kbps)
Audio output power (8 Ω at 10% distortion)	Internal SP	More than 900 mW
	External SP	More than 200 mW More than 800 mW (with HM-222HLS)
Operating time (TX : RX : standby = 5 : 5 : 90)		15 hours (with BP-272, supplied) 22 hours (with BP-307, option)
Bluetooth® technology		Version: 2.1, Protocol: HFP, HSP, SPP
GPS		Built-in
Operating temperature range		-10 °C ~ +60 °C; +14 °F ~ +140 °F
Compatibility		IP501H, IP501M, IP730D/IP740D, IP-M60, VE-PG4
IP rating		IP67 (dust-tight and waterproof) IP55/54 (dust and water jet / water resistance)

Measurements made in accordance with 3GPP TS-36.

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

Applicable U.S. Military Specifications

Standard	MIL 810G	
	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

SPEAKERPHONE UNIT



VE-SP1

JUST SLOT IN THE IP504H AND
START A VOICE CONFERENCE

- Portable operation with LR6 (AA) x8 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.

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