ICOM

GUIDE

IP ADVANCED RADIO SYSTEM

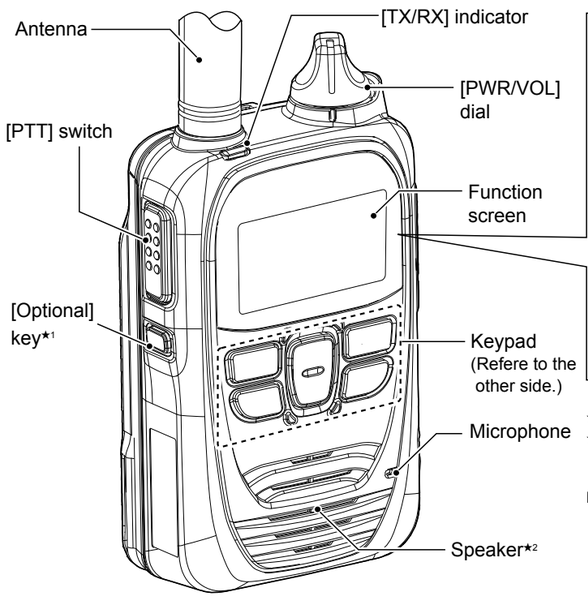
IP501H

Thank you for choosing the IP501H IP ADVANCED RADIO SYSTEM COMMUNICATION TERMINAL.
READ ALL INSTRUCTIONS carefully and completely before using this product.

1. SUPPLIED ACCESSORIES

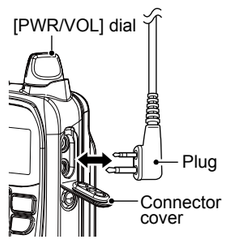
- Battery pack（BP-272）.....1
- Hand strap 1
- Belt clip (MB-135).....1
- Antenna 1

2. PANEL DESCRIPTION



When connecting optional equipment

◎Be sure to turn power OFF before connecting or disconnecting optional equipment to or from the jack.
◎Hold the plug when you remove the cable.
◎Insert the plug securely when connecting the cable.
◎ CAUTION: Attach the jack cover when optional equipment is not used.

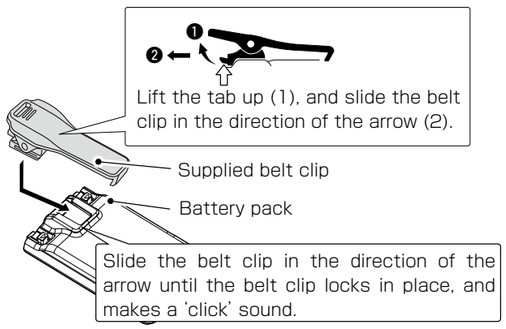


★1 Ask for your dealer about the assigned function.
★2 While connecting an optional speaker microphone, the audio is not output from the internal speaker.

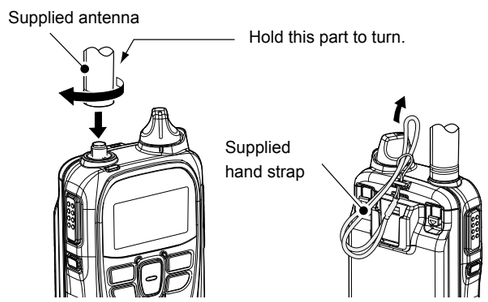
NOTE: Instructions and screens on this guide may differ, depending on the settings.

3. ATTACHING THE BELT CLIP

※Remove the battery pack before attaching the belt clip.

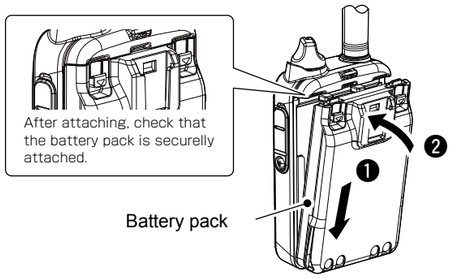


4. ATTACHING THE ANTENNA/HAND STRAP



5. ATTACHING THE BATTERY PACK

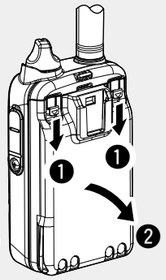
Follow the order (1 ~ 2) on the illustration below.



CAUTION

Even when the communication terminal power is OFF, a small current still flows in the communication terminal. Remove the battery pack or case when not using it for a long time. Otherwise, the batteries will become exhausted.

NOTE: Turn OFF the power before remove the battery pack in order (1 ~ 2) on the illustration to the left.



6. STANDARD CHARGING TIME AND BATTERY LIFE

NOTE: Operating time or charging time may be shorter depending on the environment such as roaming frequency.

Spec item \ Battery	BP-272
Operating time	17 hours (Approximately)
	TX:RX:Stand-by=5:5:90
Charging time	3.5 hours (Approximately)
	Charging with BC-202 or BC-211

※The supplied battery is BP-272.

- Immediately stop using the battery if it emits an abnormal odor, heats up, or is discolored or deformed. If any of these conditions occur, contact your Icom dealer or distributor.

About the remaining voltage indication

※When the battery charge is almost exhausted, the battery status indicator, "▭," starts blinking, and warning beeps sound every 30 seconds. Charge the battery pack when the beeps begin to sound.
※When "LOW BATTERY" is displayed, the communication terminal power will automatically turn OFF soon.

7. BATTERY CHARGING（Using the BC-202）

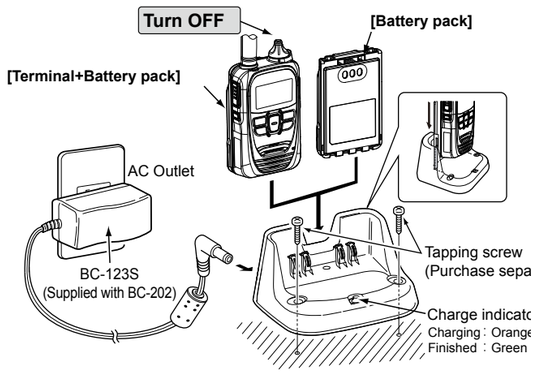
Fully charge the battery pack when fist time of use or has not been used for more than 2 months.

WARNING! NEVER charge the communication terminal during a lightning storm. It may result in an electric shock, cause a fire or damage the communication terminal. Always disconnect the power adapter before a storm.

- Turn OFF the power before charging. Otherwise, the battery may not be fully charged.
- Insert the communication terminal (battery attached to the communication terminal) into the charger as shown to the light.
- Charging indicator lights orange while charging. When the battery pack is fully charged, lights green. If the indicator blinks in orange, read the IP501H instruction manual on the Icom web site.
- The charger automatically restarts charging when the attached battery pack voltage drops.
- Disconnect the AC cable from the outlet when the charger is not in use.

⚠DANGER

- Use and charge only specified Icom battery packs with Icom communication terminals or Icom chargers. Only Icom battery packs are tested and approved for use with Icom communication terminals or charged with Icom chargers. Using thirdparty or counterfeit battery packs or chargers may cause smoke, fire, or cause the battery to burst.
- Use the battery only with the communication terminal for which it is specified. Never use a battery with any other equipment, or for any purpose that is not specified in this instruction manual.
- Read "PRECAUTION" before attempt to charging the battery pack.



Optional rapid charger BC-202

About the battery life cycle

BE SURE to replace the battery pack with a new one after five years, even if still holds a charge. The material inside the battery will deteriorate after a period of time, even with little use. The estimated number of times you can charge the battery is between 300 and 500. Even when the battery appears to be fully charged, the operating time of the communication terminal may become short when:

- Approximately five years have passed since the battery was manufactured.
- The battery has been repeatedly charged.

※Instructions and screens on this guide may differ, depending on the settings.

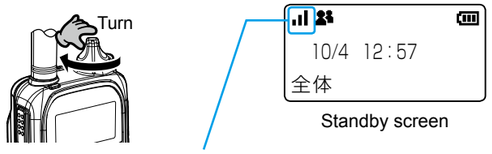
8. TURNING ON THE POWER/ADJUSTING THE AUDIO LEVEL

Turning ON the power

Turn **[PWR/VOL]** clockwise to set the 12 O'clock position.

- A beep sounds.

※The dial is made physically tight for the dust and water resistance.



The signal strength is represented by 3 bars indication.
In the 3G mode, the rescieved signal strength is indicated by the 3G icon.
In the LTE mode, icon is displayed.
※When the terminal is out of the service area, or cannot receive the signal, (out-of-service) icon blinks.

Adjusting the audio output level

Turn **[PWR/VOL]** to adjust the audio output level.
Set the output to a suitable level.
•A volume level between 0 and 32 is displayed.。

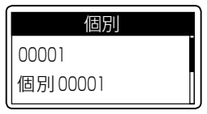
NOTE: If the output level is set to the minimum level, the beep does not sound.

9. ABOUT THE KEY OPERATIONS

★Can be used, depending on the presetting.

[Call List address book] key*

When making a group or individual call, select calling party from this list.
Push this button again to switch the radio screen for "All Call","Group Call" or "Individual Call" address book.

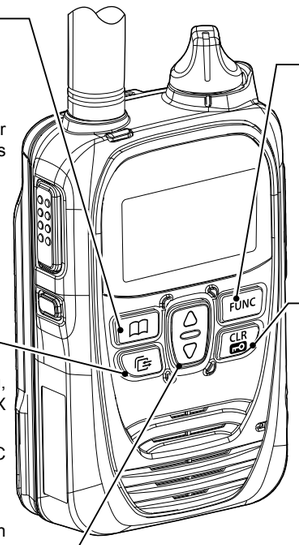


Address book: Individual

[Call history] key*

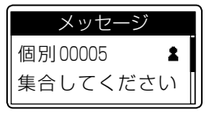
Repeatedly push to select call history from the TX log, RX log, TX MSG log, RX MSG log, TX TEL log or RX TEL log.

- Selectable log may differ, depending on the IP1000C settings.
- Push [Up]/[Dwn] to select a desired log.
- Hold down until "Emergency" is displayed to send an emergency call, depending on the settings.



[Function] key*

FUNC Selects the message to send, Presence or Talk group.



(Example: A message is selected.)

[CLR/LOCK] key

CLR Push to bring back normal operating screen from a function screen such as Call History screen.

Hold down to turn the key lock ON or OFF.
※[PTT] key and [PWR/VOL] dial can be operated even while in the Key Lock function is activated.

(Example: Key Lock falling munction is ON.)

[▲]/[▼] key

Push to scroll the address book or call history table.

10. About the Call types (Calling party)

When Address Book is activated, the radio will display calling party. Otherwise the radio pre - programmed calling party will be displayed.

All Call screen

Individual Call Screen

Calling Mode Icons*

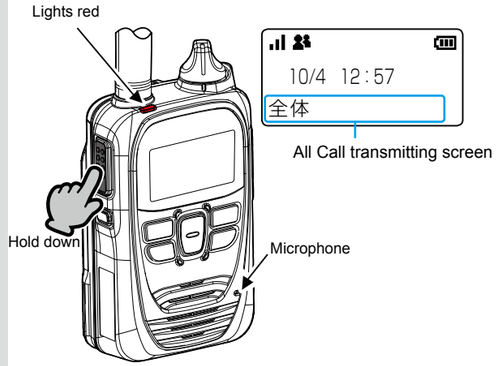
: All Group Call
: Group Call
: Individual Call
: Phone Call

*Blink when a call or message is received.

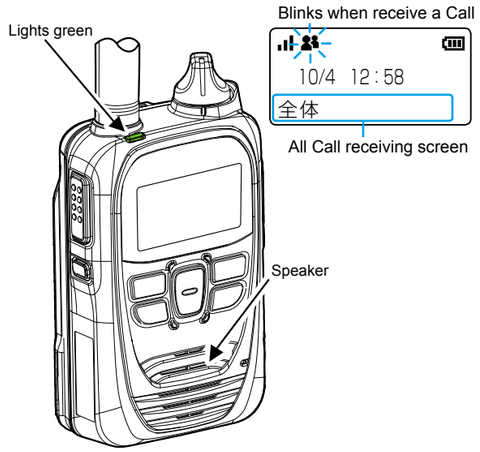
11. Making a Call

1 Hold down **[PTT]**, and speak into the microphone.

- [TX/RX] indicator lights red while [PTT] is pushed.



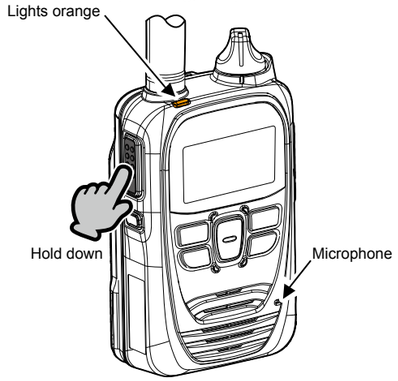
2 When receiving a call, [TX/RX] indicator lights green.



3 While receiving a call, push [PTT] to talk in the full duplex mode*.

- In the Full Duplex mode, **[TX/RX] indicator** lights orange.

*Depending on the presetting, ask your dealer for detail.



Turning OFF the power

Turn [PWR/VOL] maximum counter clockwise.

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Count on us!

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