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

Antenna
[PTT] switch
[Optional] key★[1]
[TX/RX] indicator
[PWR/VOL] dial
Function screen
Keypad (Refere to the other side.)
Microphone
Speaker★[2]
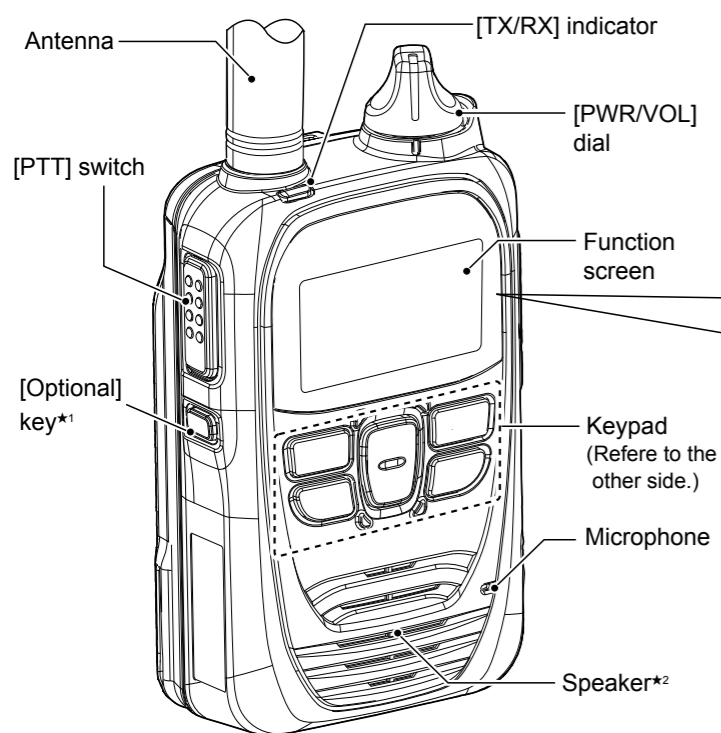
When connecting optional equipment

◎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.
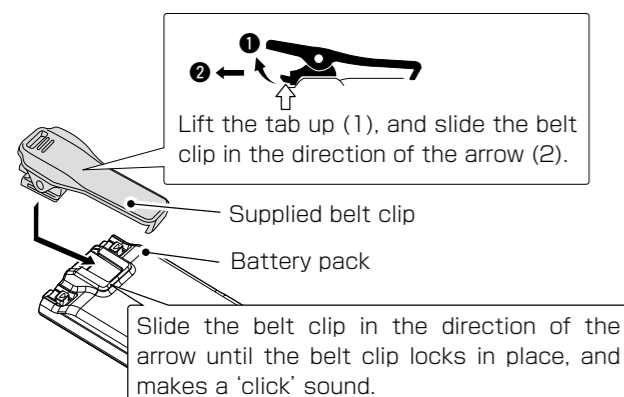
[PWR/VOL] dial
Plug
Connector cover
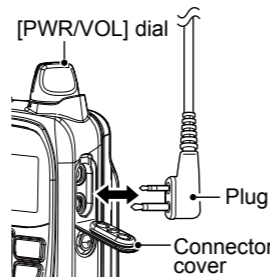
★1 Ask for your dealer about the assigned function.
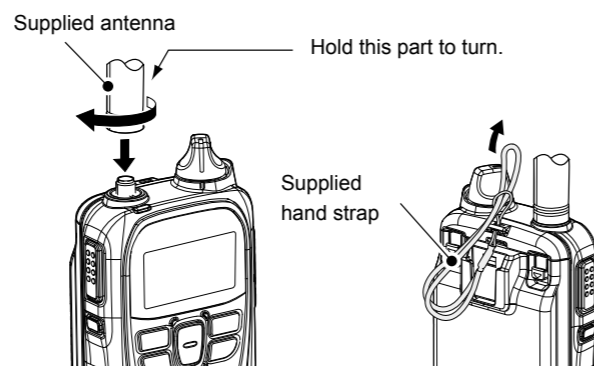★2 While connecting an optional speaker microphone, the audio is not output from the internal speaker.

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

3. ATTACHING THE BELT CLIP

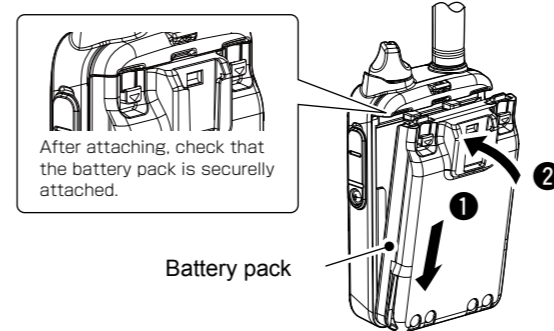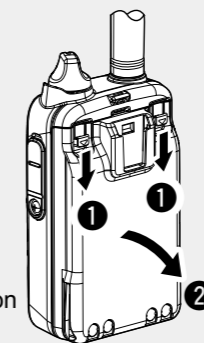※Remove the battery pack before attaching the belt clip.

Lift the tab up (1), and slide the belt clip in the direction of the arrow (2).

Supplied belt clip
Battery pack

Slide the belt clip in the direction of the arrow until the belt clip locks in place, and makes a 'click' sound.

4. ATTACHING THE ANTENNA/HAND STRAP

Supplied antenna
Hold this part to turn.
Supplied hand strap

5. ATTACHING THE BATTERY PACK

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

After attaching, check that the battery pack is securely attached.

Battery pack

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.
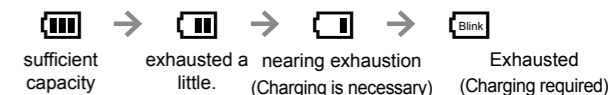
6. STANDARD CHARGING TIME AND BATTERY LIFE

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

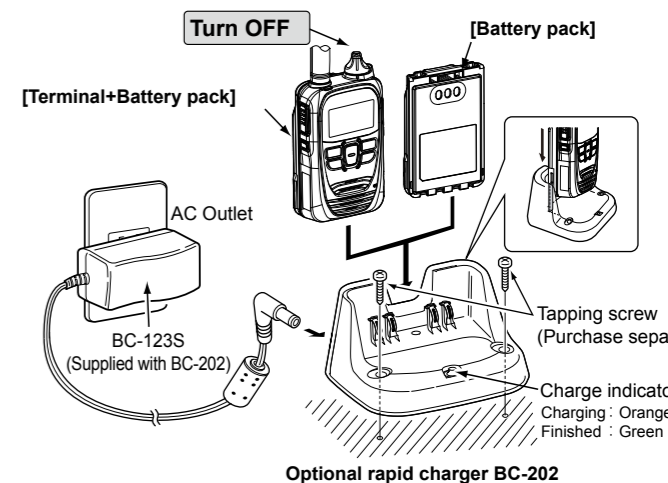| Spec item / Battery	BP-272
Operating time	17 hours (Approximately)
	TX:RX:Stand-by=5:5:90
Charging time	3.5 hours (Approximately)
	Charging with BC-202 or BC-211

※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

sufficient capacity → exhausted a little. → nearing exhaustion (Charging is necessary) → Exhausted (Charging required)

※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.

Turn OFF
[Terminal+Battery pack]
[Battery pack]
AC Outlet
BC-123S (Supplied with BC-202)
Tapping screw (Purchase sepa
Charge indicato
Charging：Orange
Finished：Green

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.
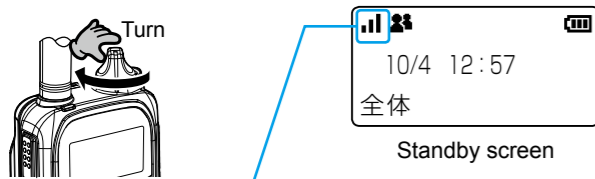· The battery has been repeatedly charged.

※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.

Turn

10/4 12:57
全体

Standby screen

The signal strength is represented by 3 bars indication.
In the 3G mode, the resceived 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.。

Turn

音量：   10

Standby screen

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.

個別
00001
個別 00001

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.

[▲]/[▼] key

Push to scroll the address book or call history table.

[Function] key*

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

メッセージ
個別 00005   👤
集合してください
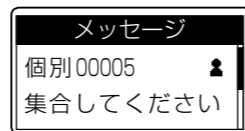
(Example: A message is selected.)

[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.
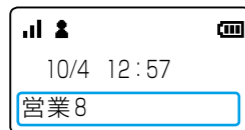
10/4 12:57
全体

(Example: Key Lock falling munction is ON.)

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.

10/4 12:57
全体

All Call screen

10/4 12:57
営業8

Individual Call Screen
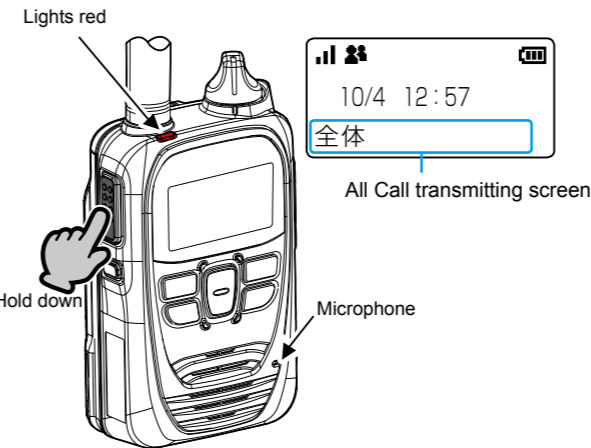
Calling Mode Icons*

👥 ： All Group Call
👥 ： Group Call
👤 ： Individual Call
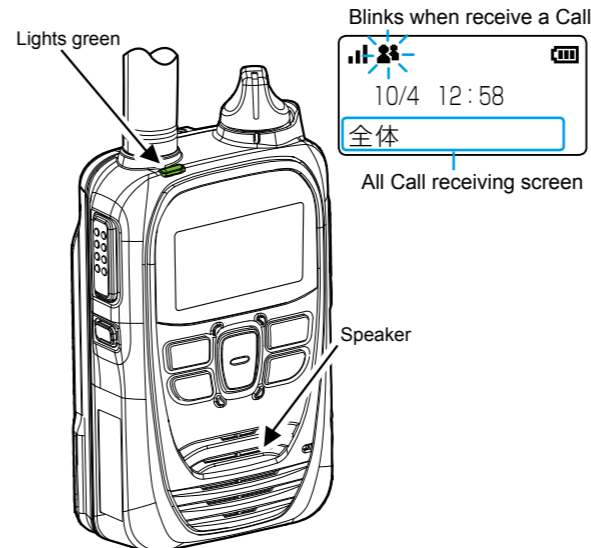☎ ： Phone Call

*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.

Lights red

10/4 12:57
全体

All Call transmitting screen

Hold down   Microphone

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

Lights green

Blinks when receive a Call

10/4 12:58
全体

All Call receiving screen

Speaker

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.

Lights orange

Hold down   Microphone
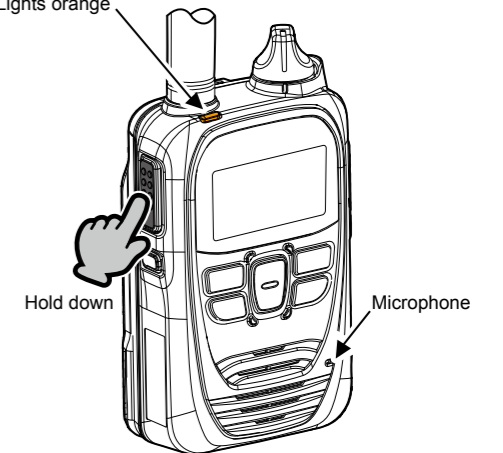
Turning OFF the power

Turn [PWR/VOL] maximum counter clockwise.

Turn