PRECAUTIONS

DANGER! NEVER short the terminals of the battery pack. Misuse of Li-ion batteries may result in the following hazards: explosion, internal battery gas may cause it to rupture, or may cause an electric shock. If the battery gets wet, be sure to wipe it dry before using.

DANGER! NEVER hold the communication terminal so that the antenna is very close to, or touching exposed parts of the body, especially face or head, while it is transmitting. The communication terminal will perform best if the microphone is 5 to 10 cm (2 to 4 inches) away from the lips and the communication terminal is vertical.

WARNING! NEVER operate the communication terminal near metal objects or electrical appliances, or in direct sunlight. It may result in an electric shock, cause a fire or damage the communication terminal.

CAUTION: DO NOT place the communication terminal in direct sunlight or in areas with temperatures below -10°C (-14°F) or above +60°C (+140°F).

DO NOT push (PFT) when you do not actually intend to transmit.

DO NOT modify the communication terminal. The specifications may change and then the communication terminal may not comply with the requirements of the regulations. The communication terminal warranty does not cover any problems caused by unauthorized modification.

BE CAREFUL! The communication terminal will become hot when operating continuously for long periods of time.

WARNING! NEVER charge the battery pack in areas with extremely high temperatures, such as near fires or stoves, inside a sun-heated vehicle, or in direct sunlight. In such environments, the safety protection circuit in the battery will activate, causing the battery to stop charging.

WARNING! NEVER charge the battery pack beyond the specified time limit may cause a fire, overheating, or the battery may rupture.

CAUTION: NEVER expose the battery to rain, snow, snow, snow, or any liquids. Do not charge or use a wet battery. If the battery gets wet, be sure to wipe it dry before using.

WARNING! NEVER leave any parts of the battery exposed to high humidity or moisture for a long time, such as could occur near fires or stoves, inside a sun-heated vehicle, or in direct sunlight. In such environments, the safety protection circuit in the battery will activate, causing the battery to stop charging.

CAUTION: NEVER charge the battery pack in areas with temperatures above +60°C (+140°F). High temperature buildup in the battery may cause the battery to rupture.

DANGER! NEVER strike or otherwise impact the battery. Do not drop, bump, or strike the battery. If the battery has been subjected to heavy pressure, damage may not be visible in the outside of the case. Even if the surface of the battery does not show cracks or any other damage, the cells inside the battery may rupture or catch fire.

DANGER! NEVER expose the battery to rain, snow, or any liquids. Do not charge or use a wet battery. If the battery gets wet, be sure to wipe it dry before using.

DANGER! NEVER use a battery pack since internal battery gas may cause the battery pack or may cause an explosion.

DANGER! NEVER exceed the temperature range for the battery. An excessively high temperature may cause the battery to rupture or catch fire. Excessive temperatures may also degrade battery performance and/or the charging terminals of the battery pack may rust. And/or the charging terminals of the battery pack may rust. And/or the charging terminals of the battery pack may rust. And/or the charging terminals of the battery pack may rust. And/or the charging terminals of the battery pack may rust. And/or the charging terminals of the battery pack may rust. And/or the charging terminals of the battery pack may rust.

DANGER! NEVER power off the 2.4 GHz band. Bluetooth® uses the 2.4 GHz band. When using the IP100H in the 2.4 GHz band near a Bluetooth® device, interference may occur. In such case, use the IP100H away from the Bluetooth® device communication area, or stop using the Bluetooth® device.
Front and side panels

Antenna connector
- Attach the supplied antenna or attach the supplied antenna connector cap, if the internal antenna is used.

CAUTION: NEVER HOLD just the attached antenna when carrying the communication terminal.

[PTT] switch
- In the simplex mode, hold down to transmit, and release to receive.
- In the full-duplex mode, push to make a call.

[FUNCTION] key
- Push to select a Talkgroup, depending on the settings.
- After a desired address is selected, repeatedly push to select a message, status, or the Area Call function select status.
- Selectable functions may differ, depending on the IP1000C settings.
- Push [A]/[T] to select a desired message, status or the function setting.

[CLR•LOCK] key
- Press momentarily to select the standby screen.
- Hold down for 1 second to turn the Key lock function ON or OFF.

[FUNCTION] key
- Push to select a Talkgroup, depending on the settings.
- After a desired address is selected, repeatedly push to select a message, status, or the Area Call function select status.
- Selectable functions may differ, depending on the IP1000C settings.
- Push [A]/[T] to select a desired message, status or the function setting.

Call mode icon
- Displayed when All or Group call is selected.
- Displayed when individual call is selected.

Pocket beep function icon
- Displayed when the Pocket beep function is ON.

P-Bell function icon
- Displayed when the P-Bell function is ON.

Area Call function icon
- Displayed when the Area Call function is ON.
- Back to office ASA 1/23 12:34

Signal strength indicator
- Displays the signal strength in 3 levels when your communication terminal is in a service area.
- “●” blinks when you are out of the service area, and “●●” is displayed if your communication terminal is not registered, or not connected to the IP1000C.

Function display

[PTT] jack
- External microphone/speaker jack
- Connect an optional speaker microphone or headset for hands-free, full-duplex operation.

CAUTION: Attach the jack cover when the VOX function is used.

Tips to send an emergency call, depending on the IP1000C settings.
- You can select a desired ID or extension number from call history by pushing [PTT] (for easy recalling).
- If you want to send a message or status, or make an Area Call, push [FUNCTION] several times.
- Selectable function may differ, according to the IP1000C’s setting.
- Select “Message” to transmit a message, “Status” to transmit a status or “Area Call” for an Area Call.
- When an Area Call is selected, push [A]/[T] to select ON.

CALLING PROCEDURES

1. Push [PTT] several times to select a desired address.
- Select “All” for all stations call, “Group” for group call, “Talkgroup” for talkgroup call, “Individual” for individual call or “Telephone” for telephone call.
- Selectable address book may differ, depending on the IP1000C settings.
- Selectable ID or extension number may differ, according to the IP1000C’s setting.
- You can select a desired ID or extension number from call history by pushing [PTT] (for easy recalling).
- If you want to send a message or status, or make an Area Call, push [FUNCTION] several times.
- Selectable function may differ, according to the IP1000C’s setting.
- Select “Message” to transmit a message, “Status” to transmit a status or “Area Call” for an Area Call.
- When Area Call is selected, push [A]/[T] to select ON.


3. If you want to send a message or status, or make an Area Call, push [FUNCTION] several times.
- Selectable function may differ, according to the IP1000C’s setting.
- Select “Message” to transmit a message, “Status” to transmit a status or “Area Call” for an Area Call.
- When Area Call is selected, push [A]/[T] to select ON.


5. Hold down [PTT], and speak at your normal voice level.


7. Repeat the steps 5 and 6 until you finish your conversation.

For simplex operation

For simplex operation only
- HM-186 SPEAKER-MICROPHONE
- HS-85 VOX UNIT + OPC-2144 ADAPTER CABLE
- HS-102 HEADSET + OPC-2359 PTT SWITCH CABLE

CAUTION: The following item is required.

- For full-duplex operation
- OP-C2000LS ADAPTER CABLE/OPC-3328 PTT SWITCH CABLE

BATTERY CHARGING

1. Using the BC-202
- The BC-202 rapidly charges a battery pack.
- Charging time: Approximately 2 hours for the BP-271
- Approximately 2 hours for the BP-272
- The following item is required.
- A power adapter or “Travel type”, or no power adapter is supplied, depending on the charger settings.

2. Using the BC-211
- The BC-211 rapidly charges up to 6 battery packs.
- Charging time: Approximately 2 hours for the BP-271
- Approximately 3.5 hours for the BP-272
- The following item is required.
- A power adapter (not supplied with some versions)

OPTIONS

- BP-271/BP-272 Li-ion BATTERY PACKS
- BP-271: 7.4 V/1150 mAh (minimum), 1200 mAh (typical)
- BP-272: 7.4 V/1800 mAh (minimum), 2000 mAh (typical)
- BP-273 BATTERY CASE (for LR6 (AA) + alkaline batteries)
- OP-C211 MULTI-CHARGER + BC-1235 AC ADAPTER
- BC-211 MULTI-CHARGER + BC-1575 AC ADAPTER
- MB-127 BELT CLIP
- LC-181 CARRYING CASE
- OP-C2000LS ADAPTER CABLE/OPC-3328 PTT SWITCH CABLE

For simplex operation only

For simplex operation only
- HM-186 SPEAKER-MICROPHONE
- HS-94/HS-95 HEADSET/THROAT MICROPHONE
- OPC-2006LS ADAPTER CABLE/OPC-2328 PTT SWITCH CABLE
- HS-94: Ear-hook type
- HS-95: Neck-arm type
- OPC-2006LS: For VOX operation
- OP-C2144 ADAPTER CABLE
- OP-C2144 ADAPTER CABLE

Licom is not responsible for the destruction or damage to the icom communication terminal, if the malfunction is because of:
- Fire, explosion, and other natural disasters, disturbances, riots, war, and radioactive contamination.
- The use of icom communication terminal with any equipment that is not manufactured or approved by icom.
- The use of icom communication terminal with any equipment that is not manufactured or approved by icom.

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*This document is described based on the IP100H firmware version 2.04.