

Thank you for purchasing this Icom product. The IP1000C IP ADVANCED RADIO SYSTEM CONTROLLER is designed and built with Icom's IP network technology. We hope you agree with Icom's philosophy of "technology first." Many hours of research and development went into the design of your IP1000C.

## IMPORTANT

**READ ALL INSTRUCTIONS** carefully and completely before using the IP1000C.

**SAVE THESE INSTRUCTIONS** — These instructions contain important safety and operating instructions for the IP1000C.

## PRECAUTIONS

### ■ For the IP1000C

⚠ **WARNING! NEVER** use other than the supplied AC adapter. This may result in an electrical shock, cause a fire or damage the IP1000C.

⚠ **WARNING! NEVER** use non-specified accessories. This may result in an electrical shock, cause a fire or damage the IP1000C.

⚠ **WARNING! NEVER** attempt to connect the AC adapter to other than the [DC] jack on the IP1000C rear panel. This may result in an electrical shock, cause a fire or damage the IP1000C.

⚠ **WARNING! NEVER** disassemble, modify or repair the IP1000C. This may result in an electrical shock, cause a fire or damage the IP1000C.

⚠ **WARNING! NEVER** install the IP1000C in a wet place or outside. This may result in an electrical shock, cause a fire or damage the IP1000C.

⚠ **WARNING! NEVER** operate or touch the IP1000C with wet hands. This may result in an electrical shock or damage the IP1000C.

⚠ **WARNING! NEVER** connect the ground terminal to a gas or electric pipe. This may result in an electrical shock or cause a fire.

⚠ **WARNING! NEVER** use the IP1000C during a thunder and lightning storm. Using it may result in an electrical shock, cause a fire or damage the IP1000C. Always disconnect the AC adapter before a storm.

⚠ **WARNING!** Immediately disconnect the AC adapter if the IP1000C emits an abnormal odor, sound or smoke. Contact your Icom dealer or distributor for advice.

⚠ **WARNING! NEVER** put the IP1000C in any unstable place (such as on a slanted surface or vibrating place). This may cause injury and/or damage to the IP1000C.

## EXPLICIT DEFINITIONS

WORD	DEFINITION
⚠ <b>WARNING!</b>	Personal injury, fire hazard or electric shock may occur.
<b>CAUTION</b>	Equipment damage may occur.
<b>NOTE</b>	If disregarded, inconvenience only. No risk of personal injury, fire or electric shock.

**CAUTION: NEVER** install the IP1000C in a place without air vents. Heat dissipation may be reduced, and this could damage the IP1000C.

**CAUTION: DO NOT** use or place the IP1000C in areas with temperatures below 0°C (+32°F) or above +40°C (+104°F).

**CAUTION: DO NOT** place the IP1000C in direct sunlight. This could damage the IP1000C.

**CAUTION: DO NOT** use the IP1000C in strong magnetic fields or in an area with high static electricity. This could damage the IP1000C.

**CAUTION:** Disconnect the AC adapter when you will not use the IP1000C for a long period of time.

**CAUTION: DO NOT** use harsh solvents such as benzene or alcohol to clean the IP1000C, as they can damage the IP1000C's surfaces. If the IP1000C becomes dusty or dirty, wipe it clean with a dry, soft cloth.

Always place the IP1000C in a secure place to avoid inadvertent contact with children.

## PRECAUTIONS

### ■ For the AC adapter

⚠ **WARNING! NEVER** use the AC adapter with any device other than the IP1000C. This may result in an electrical shock, cause a fire or damage the AC adapter.

⚠ **WARNING!** Connect the adapter into an outlet between 100 V and 240 V AC. Otherwise, this may result in an electrical shock, cause a fire or damage the AC adapter.

⚠ **WARNING! NEVER** install the AC adapter to wet place outside or near a humidifier. This may result in an electrical shock, cause a fire or damage the AC adapter.

⚠ **WARNING! NEVER** put something heavy on the AC adapter cable. This may result in an electrical shock, cause a fire or damage the AC adapter.

⚠ **WARNING! NEVER** modify, bend by force, twist, pull or heat the AC adapter's cable. This may result in an electrical shock, cause a fire or damage the AC adapter.

⚠ **WARNING! NEVER** touch the AC adapter with wet hands. This may result in an electrical shock or damage the AC adapter.

⚠ **WARNING!** Use and place the AC adapter and connection cable to avoid inadvertent use by children. This may result in an electrical shock or cause injury.

### ■ Other precautions

- For information about operating the PC or external devices, refer to their instruction manuals for details.

- The supplied AC adapter may at some time need to be replaced, depending on its life expectancy. The life of an AC adaptor differs according to the environment or condition in which the adaptor is used.

We recommend replacement when it has been used for approximately 5 years (When used under the ambient temperature of 25°C; 77°F). Contact your local dealer for details.

- IP1000C supports only IPv4.

## FCC INFORMATION

**CAUTION:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### FOR CLASS B UNINTENTIONAL RADIATORS:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

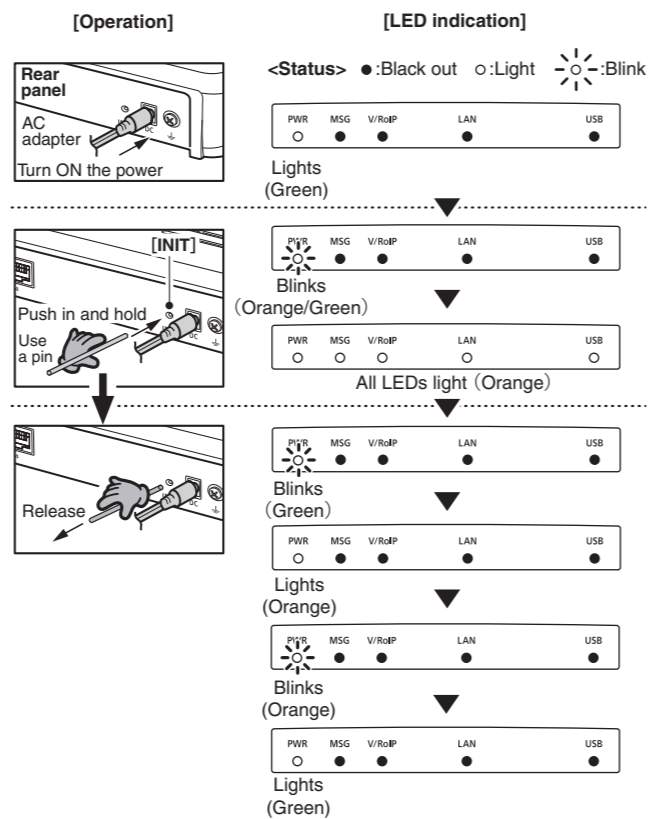
## INITIALIZING IP1000C

If you cannot access to the IP1000C setting screen, you can initialize (reset) the IP1000C by pushing [INIT] on the rear panel.

- This initializing resets all settings to the factory defaults.
- See the IP1000C instruction manual for initializing from the setting screen.

- 1 Disconnect all cables from the IP1000C, and then connect the AC adapter.
  - Verify that the [PWR] indicator lights green.

- 2 Push in and hold [INIT] with a pin on the rear panel until all indicators on the front panel light orange, and then release.
  - When the initialization has been completed, [PWR] lights green.



## ABOUT THE FIRMWARE UPDATE FUNCTION

This function lights the [MSG] LED green to indicate that an IP1000C update is available.

- To use the Firmware Update function, an internet connection, DNS and default gateway settings are necessary. See the IP1000C instruction manual for the setting details, or contact your Icom dealer or distributor for advice.

### NOTE:

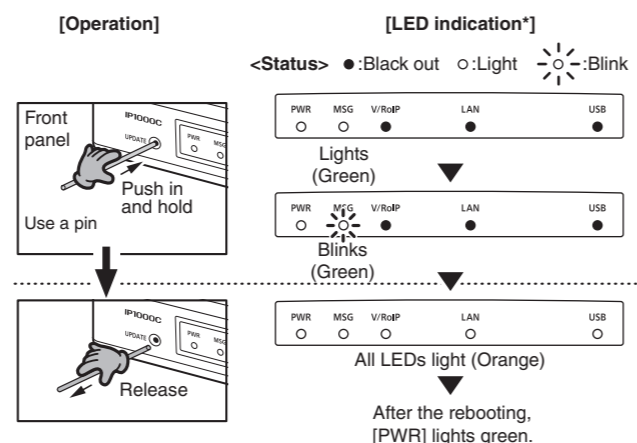
- **NEVER** turn OFF the power until the update has completed. Otherwise, the IP1000C firmware may be damaged.
- The firmware update cannot be performed during a conversation using the IP1000C.

### When [MSG] lights green

When [MSG] lights green, a firmware update is available. Follow the procedures below to download and install the new firmware.

Push in and hold [UPDATE] with a pin on the front panel until [MSG] blinks, and then release.

- The IP1000C automatically starts the download and updates the firmware, and then reboots.



\*Indications other than [PWR] and [MSG] may differ, depending on the network environment (Except for when all LEDs light.)

## ABOUT THE AUTOMATIC FIRMWARE UPDATE FOR THE IP100H

The IP100H has a function that checks for a firmware update while booting. If available, the IP100H automatically updates and then reboots when the update has completed.

- The firmware may be updated and the IP100H reboots right after turning ON the power.
- This "Automatic Firmware Update at Power ON" function can be set in **Transceiver Settings > Transceiver Settings > Maintenance** of the IP1000C setting screen.

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