

REMOTE CONTROLLER RC-7760

■ Important

SAVE THESE INSTRUCTIONS— These instructions contain important precautions for the RC-7760.

See the IC-7760 manuals for connection and operation details.

NOTE: The controller and RF deck have different hardware versions, depending on the country of sale. If the controller and RF deck's hardware version do not match, they cannot be connected.

■ Explicit definitions

WORD	DEFINITION
⚠ DANGER!	Personal death, serious injury or an explosion may occur.
⚠ WARNING!	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.
NOTE	Recommended for optimum use. No risk of personal injury, fire or electric shock.

Icom is not responsible for the destruction, damage to, or performance of any Icom or non-Icom equipment, if the malfunction is because of:

- Force majeure, including, but not limited to, fires, earthquakes, storms, floods, lightning, other natural disasters, disturbances, riots, war, or radioactive contamination.
- The use of Icom controllers with any equipment that is not manufactured or approved by Icom.

■ Supplied accessories

Item	Quantity
• Desktop stand	1
• Assembled screws (M3 × 12 mm)	4
• Power adapter (1.8 m: 5.9 ft)	1
• Control cable (3 m: 9.8 ft)	1

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This product includes RTOS "RTX" software, and is licensed according to the software license.

This product includes "zlib" open source software, and is licensed according to the open source software license.

This product includes "libpng" open source software, and is licensed according to the open source software license.

This product includes "mbed TLS" open source software, and is licensed according to the open source software license.

This product includes "FreeType library" open source software, and is licensed according to the open source software license.

Refer to the "About the Licenses" page at the end of the IC-7760 Basic manual in English for information on the open source software "RTX," "zlib," "libpng," and "mbed TLS."

Thank you for choosing this Icom product.
READ ALL INSTRUCTIONS carefully and completely before using this product.

■ Disposal



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

■ About CE



Versions of the RC-7760, which have the "CE" symbol on the product, comply with the essential requirements of the EMC Directive, 2014/30/EU and RoHS Directive, 2011/65/EU.

These versions also comply with the essential requirements of the Battery Regulation, (EU) 2023/1542.

Below statement is for UKCA purpose only

United Kingdom Authorised Importer: Icom (UK) Ltd.
Address: Blacksole House, Altira Park, Herne Bay, Kent, CT6 6GZ, U.K.

To obtain the UKCA Declaration of Conformity, please contact Icom UK Limited by email at info@icomuk.co.uk or alternatively call + 44(0) 1227 741741.

■ FCC information

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.

CAUTION: Changes or modifications to this device, not expressly approved by Icom Inc., could void your authority to operate this device under FCC regulations.

◇ FCC SDoC

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible Party

Company Name: Icom America Inc.
Address: 12421 Willows Road NE, Kirkland, WA 98034

U.S. Contact Information

800-USA-ICOM (800-872-4266)
Monday – Friday 7 AM to 5 PM PST

■ Precautions

NOTE: Before using the RC-7760, also read "PRECAUTIONS" in the IC-7760 Basic manual.

⚠ **WARNING! NEVER** let metal, wire or other objects contact the inside of the controller, or make incorrect contact with connectors. This could cause an electric shock or damage the controller.

⚠ **WARNING! NEVER** touch the controller with wet hands. This could cause an electric shock or damage to the controller.

⚠ **WARNING! NEVER** operate the equipment if you notice an abnormal odor, sound or smoke. Immediately turn OFF the power and/or remove the power cables. Contact your Icom dealer or distributor for advice.

⚠ **WARNING! NEVER** put the controller on an unstable place where the controller may suddenly move or fall. This could cause an injury or damage the controller.

⚠ **WARNING! NEVER** operate the controller during a lightning storm. It may result in an electric shock, cause a fire or damage the controller. Always disconnect the power cables and antenna before a storm.

CAUTION: DO NOT expose the controller to rain, snow or any liquids. They could damage the controller.

CAUTION: DO NOT change the internal settings of the controller. This could reduce controller performance and/or damage to the controller. The controller warranty does not cover any problems caused by unauthorized internal adjustments.

CAUTION: DO NOT use harsh solvents such as Benzine or alcohol when cleaning. This could damage the controller surfaces. If the surface becomes dusty or dirty, wipe it clean with a soft, dry cloth.

CAUTION: DO NOT use or leave the controller in areas with temperatures below 0°C (32°F) or above 50°C (122°F).

CAUTION: DO NOT place the controller in excessively dusty environments. This could damage the controller.

CAUTION: DO NOT use non-Icom microphones. Other microphones have different pin assignments, and may damage the controller.

NEVER leave the controller in an insecure place to avoid use by unauthorized persons.

Turn OFF the controller's power and disconnect the power cables from the AC outlet when you will not use the controller for long period of time.

■ About the firmware

BE SURE that the firmware version of the controller and the RF deck are the same. If not, update both devices to the current firmware.

① The RF deck's firmware can be updated only when the controller and RF deck are connected. After updating one controller and the RF deck firmware, you can update the other controller's firmware without connecting it to the RF deck.

① See the IC-7760 Advanced manual for details.

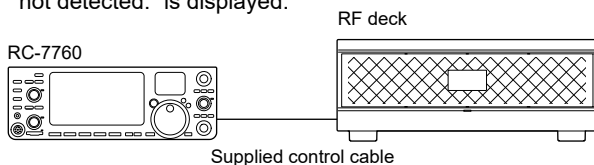
■ Before using the controller

Before using the controller for the first time, directly connect the controller's [RF DECK] port and the RF deck's [CONTROLLER] port with a supplied control cable.

After turning ON both of them, the controller is automatically paired with the RF deck.

① See the IC-7760 Basic manual for details about how to connect.

① If the controller and RF deck are not paired, "The RF deck is not detected." is displayed.



The LCD display may have cosmetic imperfections that appear as small dark or light spots. This is not a malfunction or defect, but a normal characteristic of LCD displays.

◆ Coin cell battery cautions

⚠ **DANGER!** The controller contains a coin cell battery. **NEVER** swallow the battery. This could cause severe internal burns in just 2 hours, and could lead to death.

Keep new and used batteries away from children.

Also, **DO NOT** use or leave the controller with the case open (the battery compartment is easily accessible). It must be away from children.

If the battery might have been swallowed or placed inside any part of the body, immediately go to the doctor.

⚠ **WARNING! NEVER** charge, short-circuit, disassemble, deform, heat, or incinerate the coin cell battery. The internal flammable materials may cause them to overheat, explode, or catch fire.

⚠ **WARNING! NEVER** solder the coin cell battery terminals. This may cause them to overheat, explode, or catch fire.

⚠ **WARNING!** When disposing of batteries, wrap the terminals in tape to insulate them. Shorting may occur if the terminals touch metal objects. This could cause them to overheat, explode, or catch fire.

Dispose of used batteries in accordance with local regulations.

⚠ **WARNING! NEVER** reverse the coin cell battery polarity. This could cause a fire or damage the controller.

⚠ **WARNING! NEVER** leave the coin cell battery in places with direct sunlight, high temperature, or high humidity. This could cause a fire.

Coin cell battery manufacturer:

Name: Panasonic Energy Co., Ltd.

Address: 1-1 Matsushita-cho, Moriguchi City, Osaka
570-8511, Japan

For Users in California (USA)

This CR2032 Lithium Battery contains Perchlorate Material—special handling may apply.

See <https://dtsc.ca.gov/perchlorate/>

■ Specifications

- Power source requirement: 15.0 V DC ± 0.75 V
(Polarity: $\ominus$ — $\oplus$)
- Current drain (Receive Maximum audio):
3 A
(maximum, using the specified power adapter)
- Dimensions (projections not included):
340 (W) $\times$ 118 (H) $\times$ 103.5 (D) mm,
13.4 (W) $\times$ 4.6 (H) $\times$ 4.1 (D) in
- Weight (approximate, without the supplied accessories):
2.3 kg, 5.1 lb
- Operating temperature range:
0°C $\sim$ 50°C, 32°F $\sim$ 122°F
- Microphone impedance: 600 Ω
- Audio output power: More than 2.0 W
(8 Ω load, 10% distortion)
- AF output impedance: 8 Ω