

SERVICE MANUAL

Optional Controller

Model No.	
CZ-RTC4	Timer Remote Controller
CZ-RWSU2N	Wireless Remote Controller
CZ-RWSD2	
CZ-RWST3N	
CZ-RWSL2N	
CZ-CSRC3	Remote Sensor

Safety Precautions

Read before installation

- Read the Installation Instructions carefully to install the unit correctly and safely.
Be sure to read the Safety Precautions in particular before installation.
- After the installation is complete, perform test operation to confirm that no abnormality is present.



WARNING

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



WARNING

- Turn off the circuit breaker of the units before installation.
- Ask your dealer or professionals for installation and electric work.
- This remote sensor shall be installed in accordance with National Wiring Regulations.
- Securely connect and fix the specified cables for wiring.
- Do not allow the connection to be exposed to the external force of the cables.
- Choose an installation location that sufficiently supports the weight of the remote sensor.

NOTICE

The English text is the original instructions.
Other languages are translation of the original instructions.

ENGLISH

Supplied accessories

Wood screw
M3.8 × 16
(2)



Clamper
(1)



- We assume no responsibility for accidents or damages resulting from methods other than those described in the installation instructions or methods without using specified parts.
Malfunctions that occurred due to the unauthorised installation methods are not covered by the product warranty.
- Read the installation instructions supplied with indoor units as well.



CAUTION

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.



CAUTION

- Do not use at the following locations.
 - Location where condensation occurs
 - Location where flammable gases, etc. may leak
 - Location where corrosive gases, etc. may leak
 - Location with lots of water or oil droplets (including machine oil)
 - Location where voltage fluctuation frequently occurs
 - Location where there is a machine producing electromagnetic radiation
 - Location where droplets of organic solvents spread
 - Location where acidic or alkaline solutions or special sprays are frequently used
- Do not operate with wet hands.
- Do not wash with water.

3. Remote Sensor (CZ-CSRC3)

● Installation Instructions

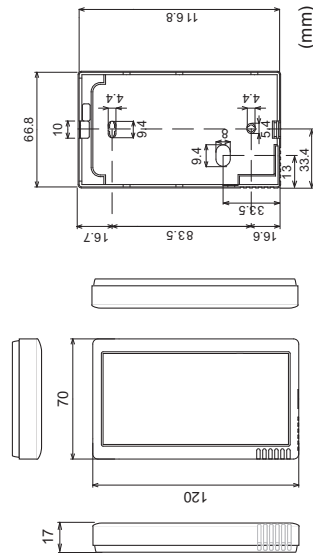
Note:

- 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.
- 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.
- FCC Caution: To assure continued compliance, follow the attached installation instructions. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Specifications

Model No.	CZ-CSRC3
Dimensions	(H) 120 mm × (W) 70 mm × (D) 17 mm
Weight	70 g
Temperature/Humidity range	0 °C to 40 °C / 20 % to 80 % (No condensation) *Indoor use only.
Power Source	DC16 V (supplied from indoor unit)
Number of connected indoor units	Up to 8 units

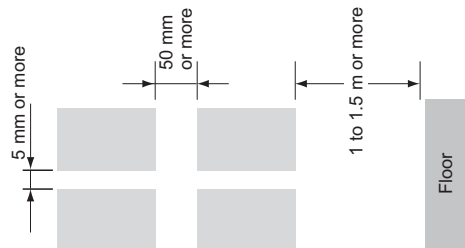
Dimensions



3. Remote Sensor (CZ-CSRC3)

Installation Precautions

Installation location

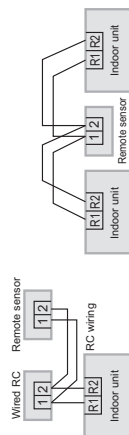


Wiring for the remote sensor

- **Wiring diagram**
-
- **Type of wiring**
Use cables of 0.5 to 1.25 mm².
Use the field supplied RC wiring with at least 1 mm in thickness of insulation part including the sheath.
Regulations on wire diameters differ from locally to locally.
For field wiring rules, please refer to your LOCAL ELECTRICAL CODES before beginning.
 - **Total wire length: 500 m or less**
(The wire length between indoor units should be 200 m or less.)
 - **Number of connectable units**
Remote controller and remote sensor: Max. 2 (including remote sensor).
Indoor unit: Max. 8

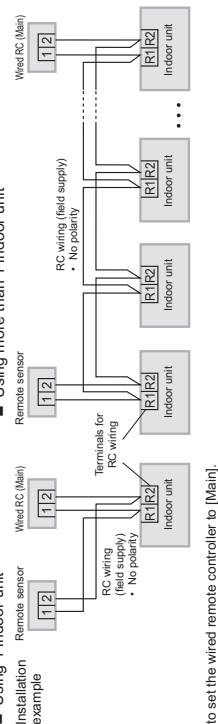
Attention

- Be careful not to connect cables to other terminals of indoor units (e.g. power source wiring terminal). Malfunction may occur.
 - Do not bundle together with the power source wiring or store in the same metal tube. Operation error may occur.
 - If noise is induced to the unit power supply, attach a noise filter.
- *Wiring as shown below is prohibited.



Installation when setting Main/Sub for the remote controller and the remote sensor

- Using more than 1 indoor unit



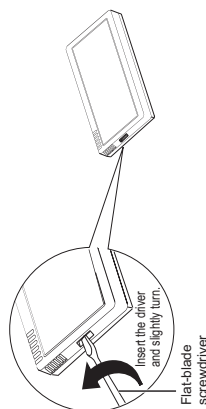
Be sure to set the wired remote controller to [Main].

Note

The remote controller and the remote sensor can be connected to any indoor unit.

Mounting

1 Remove the bottom case.



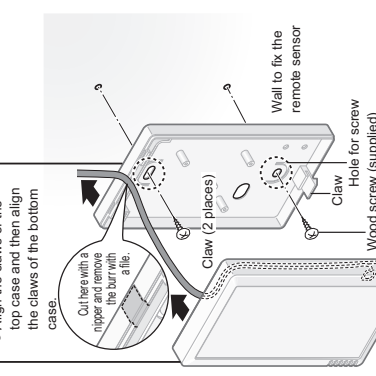
Attention

- **Mounting the bottom case**
 - Tighten the screws securely until the screw heads touch the bottom case. (Otherwise, loose screw heads may hit the PCB and cause malfunction when mounting the top case.)
 - Do not over-tighten the screws. (The bottom case may be deformed, resulting in fall of the unit.)
- **Connecting the remote control wiring**
 - Arrange the wires as shown in the illustration for ② in step 2, avoiding unnecessary wires being stored in the case. (Caught wires may destroy the PCB.)
 - Avoid wires touching parts on the PCB. (Caught wires may destroy the PCB.)

2 Mount to the wall.

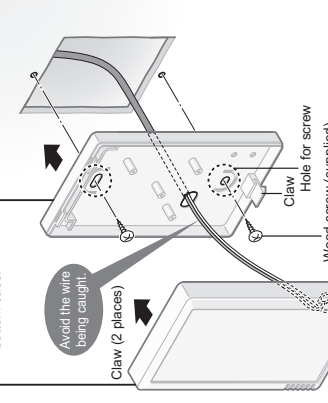
Exposed type

- 1 Mount the bottom case to the wall.
 - Align the claws of the top case and then align the claws of the bottom case.

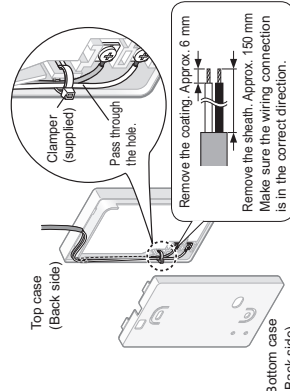


Embedded type

- 1 Mount the bottom case to the wall.
 - Align the claws of the top case and then align the claws of the bottom case.



- 2 Connect the remote control wiring.
 - Arrange the wires along the groove of the case.



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 - Arrange the wires along the groove of the case.

