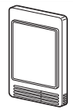
EN

Panasonic INSTALLATION INSTRUCTION (CZ-CSRC2)

■ Parts supplied with remote sensor

No.	Supplied parts	Qty
1	Remote sensor (comes with 200 mm wire) 	1
2	Machine screws M4 × 25 	2
3	Wood screws 	2
4	Spacers 	2
5	Wire joints 	2
6	Clamp 	1
7	Installation manual 	1

■ Remote sensor installation guidelines

Place of installation

- Mount the remote sensor at a height of 1 to 1.5 meters above the floor where it can sense the average temperature of the room.
- Do not mount the remote sensor in a place exposed to direct sunlight or a place exposed to outside air such as near a window.
- Do not mount the remote sensor behind an object so that it is separated from the air circulation of the room.
- Mount the remote sensor within the room being air conditioned.
- The remote sensor must be mounted on the wall or other surface vertically.

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.

■ How to install the remote sensor

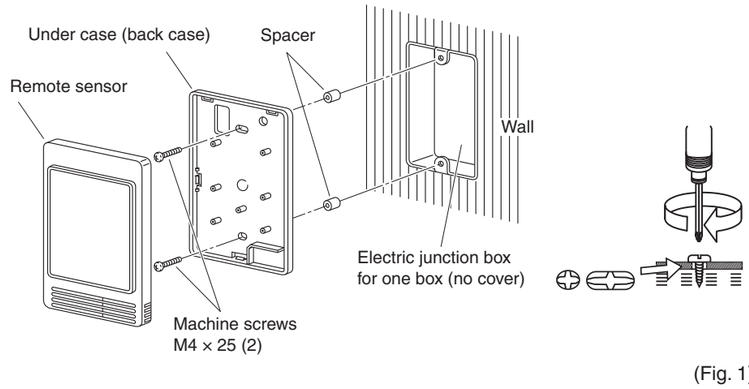
< NOTE 1 > Do not twist the remote sensor wiring with the power wiring or run it in the same metal conduit, because this may cause malfunction.

< NOTE 2 > Install the remote sensor away from sources of electrical noise.

< NOTE 3 > Install a noise filter or take other appropriate action if electrical noise affects the power supply circuit of the unit.

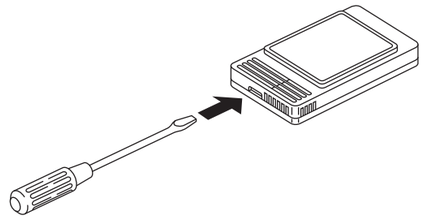
- Use an electric junction box (field supply) (See Fig. 1) for flush mounting of the remote sensor.

When mounting the back case to the electric junction box, tighten the screws securely until the screw heads touch the back case. Otherwise, a loose screw head may damage the PCB on the back of the top cover when mounting the top cover. But do not over-tighten the screws. Overtightening may deform the back case and cause the unit to fall.



(Fig. 1)

1. Insert a screwdriver or the like in the groove on the lower side of the remote sensor body to pry off the back case. (See Fig. 2)

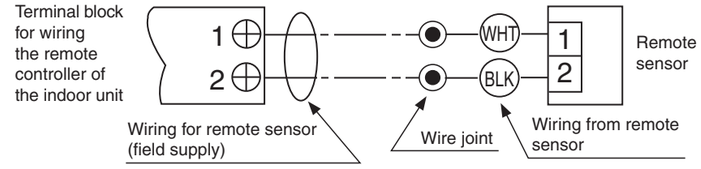


(Fig. 2)

2. Use the 2 supplied M4 machine screws to secure the remote sensor back case. Prior to mounting, clear the cutouts in the back case corresponding to the holes in the electric junction box using a screwdriver or the like. Use the spacers and take care not to tighten the screws excessively. If the back case will not seat well, cut the spacers to a suitable thickness.
3. Connect field supplied 2 core lead wires to the lead wires from the remote sensor. (See "How to wire the remote sensor.")
   When connecting the field supplied 2 core lead wires to the terminal block, check the terminal numbers in the indoor unit to make sure that the wires are correctly connected. (See Fig. 3)
   (The remote sensor is damaged if 220 / 240 V AC is applied.)
4. Fit the remote sensor to the tabs of the back case and mount it.

■ How to wire the remote sensor

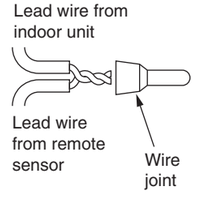
● Connection diagram



*1: 0.5 mm^2 to 1.25 mm^2 of the wires are used for lead wires.
Remote controller wiring can be extended to a maximum of 500 m.

(Fig. 3)

● How to connect lead wires

2 supplied white wire joints	 1. Peel off 14 mm of the cable sheathing. 2. Twist the 2 wires together and crimp them together with the wire joint. 3. When a crimping tool is not used, solder the wires together and cover the joint with insulating tape.

(Fig. 4)

■ Important Information When Using Together with Remote Controller Switch

● Installation method

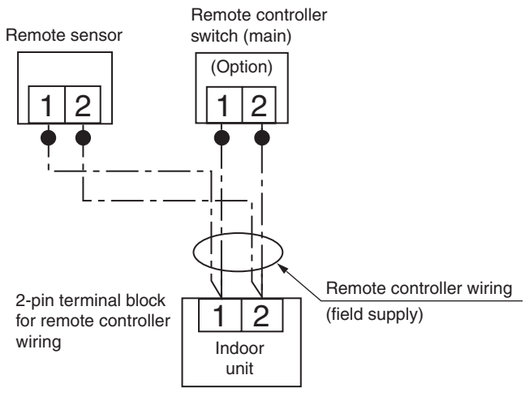
1. Set the remote controller switch as the main remote controller.

< NOTE > Do not set the room temperature sensor on the remote controller switch as the remote controller sensor.

● Basic wiring diagram

< NOTE > When connecting the wires, be careful not to wire incorrectly. (Incorrect wiring will damage the unit.)

- Wiring when controlling a single indoor unit with the remote sensor and remote controller switch:



(Fig. 5)

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