Accessory parts

Part Name	Q'ty	Part Name	Q'ty
Remote controller (7.9"(200mm)-cable attached)	1	Spacer	2
		Wire joint	2
Screw Ø0.16"x1.0" (M4 x 25mm)	2	Cable tie	1
Wood screw	2	Installation Manual Owner's Manual	1 / 1

Requirement to install the remote controller

Installation place

- Install the remote controller at a position within 3'3" to 4'11" (1 to 1.5m) from the floor, where the average temperature in the room can be felt.
- Do not install the remote controller at a place exposed to direct sunlight or direct outside air, such as a side of window, etc.
- Do not install the remote controller at a place behind something or rear side of something, where air flow is poor in the room.
- Do not install the remote controller in the freezing box or refrigerator because water proof or drop-proof is not applied to this remote controller.
- Be sure to set the remote controller vertically on the wall surface, etc.

How to select the room temp. sensor

The room temperature sensors are equipped in the indoor unit and the remote controller.
One of two sensors works. Usually, the room temperature sensor in the indoor unit is set to work. To select the sensor in the remote controller, turn the remote controller sensor from OFF to ON.
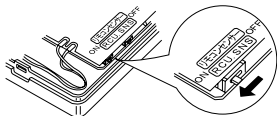
- Inserting a minus screwdriver, etc. into the groove at the lower side of the remote controller body, force open the rear case to remove it.

NOTE 1 :
Selecting the sensor in the remote controller is impossible on the sub remote controller.

NOTE 2 :
Do not select the sensor in the remote controller when a remote controller sensor is used. (Because it causes a straying.)

How to install the remote controller switch

NOTE 1 :
Avoid to twist the remote controller cable with the power supply cable, etc. or to store them in the same metal pipe, otherwise it causes a malfunction.
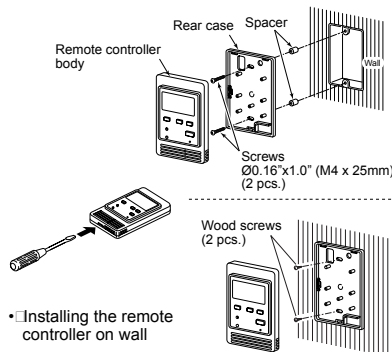
NOTE 2 :
Install the remote controller apart from the generation source of noise.

NOTE 3 :
When noise is contained to the power source of the indoor unit, counter measures such as mounting the noise filter is necessary.

- Installing the remote controller in wall

Rear case / Spacer
Remote controller body
Wall
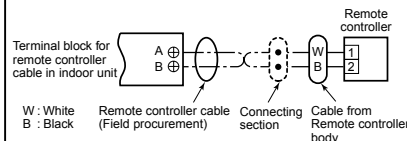Screws Ø0.16"x1.0" (M4 x 25mm) (2 pcs.)
Wood screws (2 pcs.)

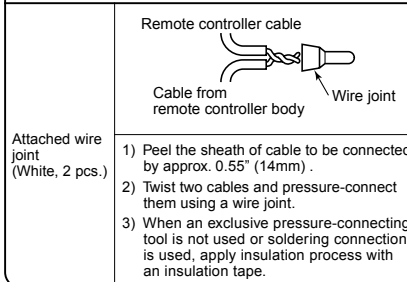- Installing the remote controller on wall

1. Inserting a straight blade screwdriver, etc. into the groove at the lower side of the remote controller body, force open the rear case to remove it.
2. Using the attached Ø0.16" (M4) screws (2 pcs.), fix the rear case of the remote controller. Before installation, press to open the screw hole with a screwdriver, etc. Fix it with the spacer, but not so strongly. If the remote controller does not fit closely to the wall, adjust it by cutting off the spacer.
3. Connect the remote controller cable (2 cores) to the cable from the remote controller body. Connect the remote controller cable without miswiring upon confirmation of the terminal numbers of the indoor unit. (If applyied AC 208/230 V, may damage the unit.)
4. Attach the remote controller body back to the rear case by fitting its hooks into the holes on the rear case.

How to perform cabling of the remote controller

• Connection diagram

Terminal block for remote controller cable in indoor unit
A ⊕
B ⊕
W : White
B : Black
Remote controller cable (Field procurement)
Connecting section
Cable from Remote controller body
Remote controller
W / B
1 / 2

- Non polarity, 2 core cable is used.
- Use AWG20 (0.5mm²) cable.
- Use UL wires rated 300 V.

Remote controller cable
Cable from remote controller body
Wire joint

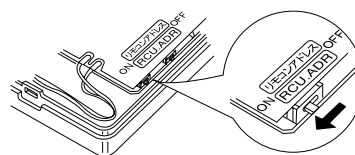| Attached wire joint (White, 2 pcs.)	1) Peel the sheath of cable to be connected by approx. 0.55" (14mm) . 2) Twist two cables and pressure-connect them using a wire joint. 3) When an exclusive pressure-connecting tool is not used or soldering connection is used, apply insulation process with an insulation tape.

Requirement for installation of multiple remote controllers

"2 remote controller control" means that one or multiple units are operated by the multiple remote controllers.

• How to install

For 2 remote controller control, install the remote controllers in the following procedure.
1. Set one of the set multiple remote controllers to the main remote controller. (Factory default)
2. For other remote controllers, turn the remote controller address switch on the remote controller P.C. board from OFF to ON. They function as sub remote controllers under the above condition.
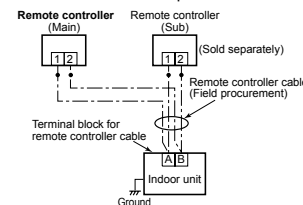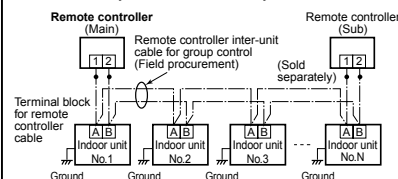

• Basic cabling diagram

NOTE :
Connect cables without miswiring. (Miswiring breaks the unit.)

- In a case to operate an indoor unit from the remote controllers at two positions

Remote controller (Main)
Remote controller (Sub) (Sold separately)
Remote controller cable (Field procurement)
Terminal block for remote controller cable
A B
Indoor unit
Ground

- In a case to operate a group control of multiple indoor units from the remote controllers at two positions
  * Main and sub remote controllers are operable even if they are installed to any indoor unit.

Remote controller (Main)
Remote controller inter-unit cable for group control (Field procurement)
Remote controller (Sub) (Sold separately)
Terminal block for remote controller cable
A B — Indoor unit No.1 — Ground
A B — Indoor unit No.2 — Ground
A B — Indoor unit No.3 — Ground
A B — Indoor unit No.N — Ground

Remote controller test run setup

1. Push ⏻ key after keeping [CHECK] button pushed on the remote controller for 4 seconds or more.
   - During the test run, "TEST" is displayed on LCD.
   - The temperature cannot be controlled if [TEST] is displayed. Do not use [TEST] in a case other than a test run, otherwise an excessive load is applied on the machine.
2. **Use [TEST] in one of HEAT, COOL, and FAN operation modes.**

NOTE :
The outdoor unit does not operate for approx. 3 minutes after the power supply has been turned on or the operation has stopped.

3. After the test run has finished, push [CHECK] button again to check "TEST" on LCD has gone off. (For this remote controller, a release function of 60 minutes timer is provided to prevent consecutive test runs.)