Simple Remote Controller (Wired Type)

INSTALLATION INSTRUCTION SHEET

(PART NO. 9371068039)

For authorized service personnel only.

⚠ WARNING	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.

① **For the air conditioner to operate satisfactorily, install it as outlined in this installation instruction sheet.**

② **Installation work must be performed in accordance with national wiring standards by authorized personnel only.**

③ **Do not turn on the power until all installation work is complete.**
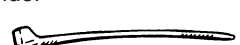
• Let the customer keep this installation instruction sheet because it is needed when the air conditioner or remote controller is serviced or moved.

⚠ CAUTION	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

① **Do not wire the remote controller cord and the bus wire together with or parallel to the connection cables, transmission cords, and power supply cords of the indoor and outdoor units. It may cause erroneous operation.**

② **When installing the bus wire near a source of electromagnetic waves, use shielded wire.**

③ **Do not set the DIP switches, either on the air conditioner or the remote controller, in any way other than indicated in this sheet or the manual that is supplied with the air conditioner. Doing so may result in an accident.**

1 STANDARD PARTS

The following installation parts are supplied. Use them as required.

Name and Shape	Q'ty	Application
Remote controller	1	Use for air conditioner operation
(*) Remote controller cord	1	For connecting the remote controller

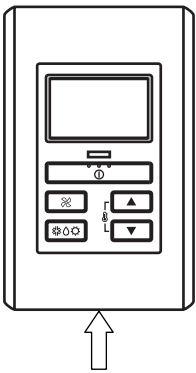| Name and Shape	Q'ty	Application
Tapping screw (ø4 × 16)	2	For installing the remote controller
Binder	1	For remote controller and remote controller cord binding

(*) UTB-YP/GP only

2 REMOTE CONTROLLER SETTING

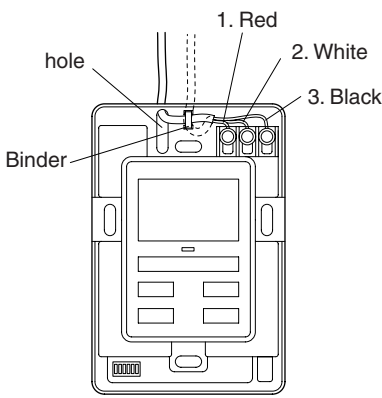### 1. INSTALLING THE REMOTE CONTROLLER

Fig. 1

Insert the end of a flat blade screwdriver at the arrow parts of the groove at the side of the remote controller case and remove the remote controller case top by turning the screwdriver.

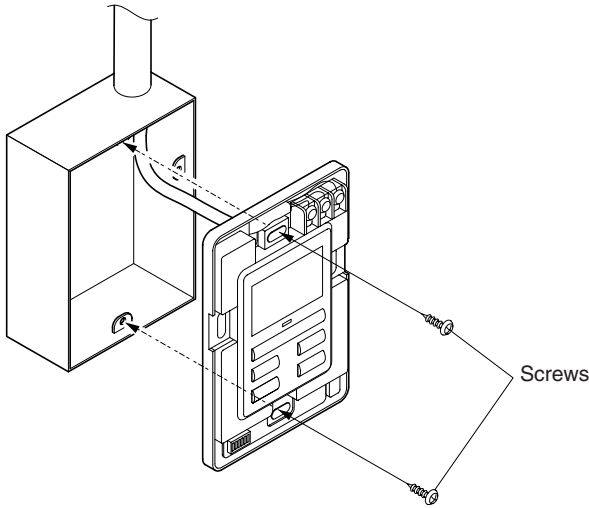
(1) When remote controller cord exposed
1) Use a tool to cut away the thin area on the upper center of the front case (indicated by ⋮ in Fig. 1).
2) Connect the remote controller cord to the remote controller terminal board specified in (Fig. 2).
3) Clamp the remote controller cord sheath with the binder as shown in Fig. 2.
4) Cut off the excess binder.
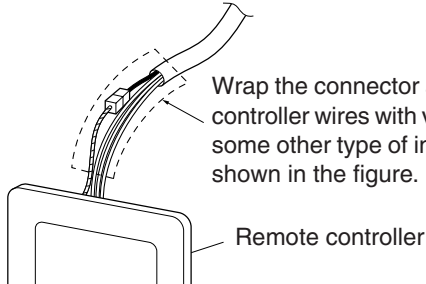5) Install the rear case to the wall, etc., with two screws. (Fig. 3)

(2) When remote controller cord embedded
1) Embed the remote controller cord and box.
2) Pass the remote controller cord through the hole in the rear case and connect the remote controller cord to the remote controller terminal board specified in (Fig. 2).
3) Clamp the remote controller cord sheath with the binder as shown in Fig. 2.
4) Cut off the excess binder.
5) Install the rear case to the wall, box, etc., with two screws. (Fig. 3)

Ground the remote controller if it has a ground wire.

Wrap the connector and remote controller wires with vinyl tape or some other type of insulation as shown in the figure.

Remote controller

Fig. 2

1. Red
2. White
3. Black
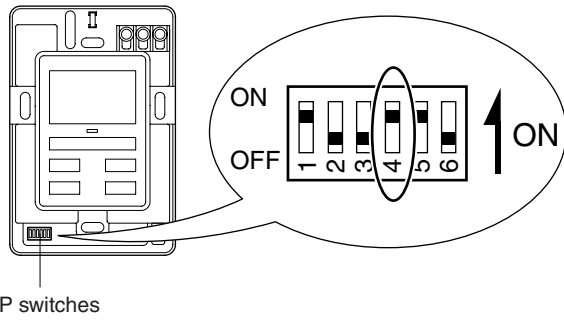
hole
Binder

Fig. 3 [Example]

Screws

⚠ CAUTION
Do not touch the remote controller PC board and PC board parts directly with your hands.

2. SETTING THE DIP SWITCHES

Set the remote controller DIP switches. (Fig. 4)

Fig. 4 [Example]

DIP switches

	NO.	SW state		Detail
		OFF	**ON**	
DIP-Switch	1		★	Dual remote controller setting *Refer to 2. DUAL REMOTE CONTROLLERS in 3 SPECIAL INSTALLATION METHODS.
	2	★		
	3	★ One unit	Multiple unit	Group control setting
	4	★ Heat Pump model or Heat Recovery model	Cooling only model	Model setting
	5	★ Invalidity	Validity	Auto changeover setting *Set to OFF for AIRSTAGE™ (VRF system) Heat Pump models.
	6	★ Fixed at off		Cannot be used

(★ Factory setting)

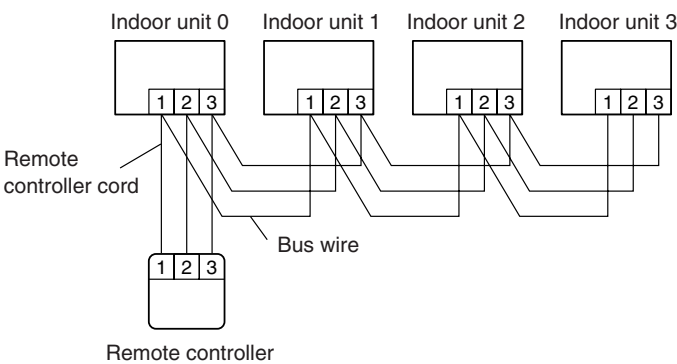## 3 SPECIAL INSTALLATION METHODS

For J-series air conditioners (the model name of the indoor unit ends in "R"), the following functions cannot be used.
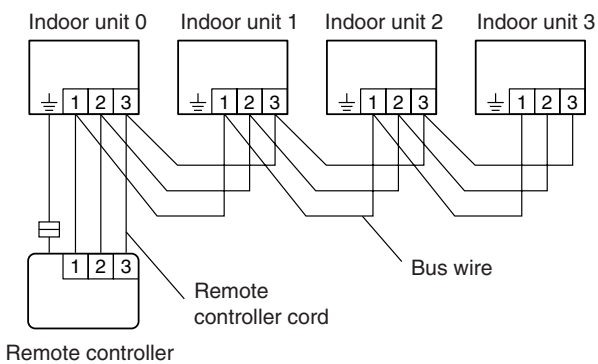
1. GROUP CONTROL

A number of indoor units can be operated at the same time using a single remote controller.

(1) Wiring method (indoor unit to remote controller)

Indoor unit 0   Indoor unit 1   Indoor unit 2   Indoor unit 3
Remote controller cord
Bus wire

• When ground wire is necessary

Indoor unit 0   Indoor unit 1   Indoor unit 2   Indoor unit 3
Remote controller cord
Bus wire

Remote controller

(2) Indoor unit rotary switch setting
Set each remote controller address using the rotary switch of each indoor unit in order from 0.
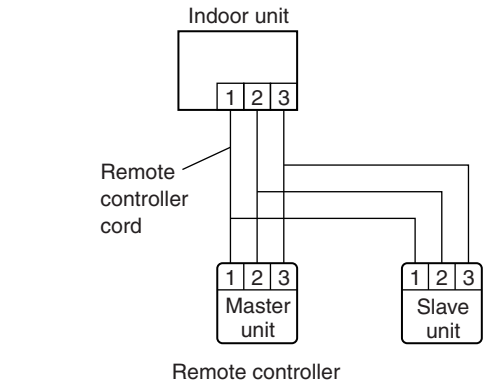(Refer to the installation instruction sheet for the indoor unit.)
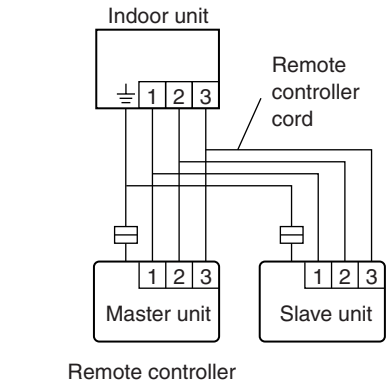(3) Remote controller DIP switch setting
Set DIP switch No. 3 to ON.

2. DUAL REMOTE CONTROLLERS

• Two separate remote controllers can be used to operate the indoor units.
• The timer and self-diagnosis functions cannot be used on the slave units.
• The remote controller (UTB-✱LA) and remote controller (UTB-✱P✱) cannot be connected at the same time.

(1) Wiring method (indoor unit to remote controller)

Indoor unit
Remote controller cord
Master unit   Slave unit
Remote controller

• When ground wire is necessary

Indoor unit
Remote controller cord
Master unit   Slave unit
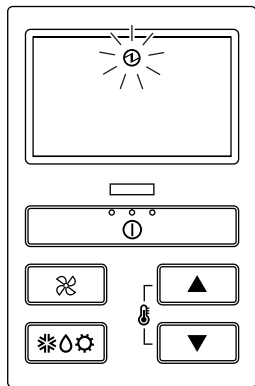Remote controller

(2) Remote controller DIP switch setting
Set the remote controller DIP switch Nos. 1 and 2 according to the following table.

Number of remote controllers	Master unit		Slave unit	
	DIP-SW No. 1	DIP-SW No. 2	DIP-SW No. 1	DIP-SW No. 2
1 (Normal)	ON	OFF	–	–
2 (Dual)	OFF	OFF	ON	ON

4 TURNING ON THE POWER

1. Check the remote controller wiring and DIP switch settings.
2. Check the indoor and outdoor unit wiring and circuit board switch settings, and then turn on the indoor and outdoor units.
3. If the power source is connected correctly, the ⊕ mark will be displayed in the center of the remote controller display.
* For the wiring and circuit board switch settings method, refer to the installation instruction sheets for the indoor unit and outdoor unit.

5 TEST RUN

1. If the operation lamp is on, press the START/STOP button to turn it off.
2. Press the Master control button and the Set temperature button ▼ at the same time for more than 2 seconds to start the test run. The operation lamp will light up and ⊡↑ will be displayed on the set temperature display.
* Perform the test operation for 60 minutes.
* The Set temperature buttons do not function. However, the other buttons can be used to change the settings.
* Pressing the START/STOP button will stop the test operation.

Run [Self-Diagnosis] if [EE] flashes on the display of the remote controller.

SELF-DIAGNOSIS

(1) Stop the air conditioner operation.
(2) Press the Fan control button and the Set temperature button ▲ at the same time for more than 5 seconds to start the self-diagnosis.
* For information on the error codes, refer to the installation instruction sheet for the indoor unit.
(3) Press the Fan control button and the Set temperature button ▲ at the same time for more than 5 seconds to stop the self-diagnosis.

Error code
Remote controller address