AIR CONDITIONER
OPTIONAL PARTS
Terminal block kit for 3-wire remote controller

PART No. 9380828075

INSTALLATION MANUAL

For authorized service personnel only.

Contents

1. SAFETY PRECAUTIONS

• Hand this manual to the customer to keep for future use, such as for relocating or repairing the product.

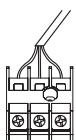| ⚠ WARNING	Indicates a potentially or imminently hazardous situation which, if not avoided, could result in death or serious injury.

For the air conditioner to operate satisfactorily, install it as outlined in this installation manual.
Installation work must be performed in accordance with national wiring standards by authorized personnel only.
Do not turn on the power until all installation work is complete.
Discharge static electricity before the installation.

⚠ CAUTION	Indicates a potentially hazardous situation that may result in minor or moderate injury or damage to property.

Do not wire the terminal block kit wire together with or parallel to the connection cables, transmission cables, remote controller cables, bus wire, and power supply cables of the indoor and outdoor units. It may cause erroneous operation.
Do not touch the aluminum fin in the indoor unit.
When installing, do not cut or pinch the wires with the front panel or control box cover. An electric shock may occur if wires are damaged.

2. ABOUT THE UNIT

2.1. Parts and accessories

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

| Name and shape	Q'ty	Description	Name and shape	Q'ty	Description
Installation manual	1	This manual	Screw (M4x25)	1	For installing the terminal block to the indoor unit.
Terminal block (with wire)	1	For connecting the wired remote controller to the indoor unit main PCB.	Screw (M4x14)	1	For installing the cable to the indoor unit.
			Cable clamper	1	For installing the cable to the indoor unit.

En-1

3. INSTALLATION WORK

3.1. Front panel, control box cover removal

(1) Open the intake grille. While gently pressing the left and right mounting shafts of the intake grille outward "a", remove the intake grille in the direction of the arrow "b".
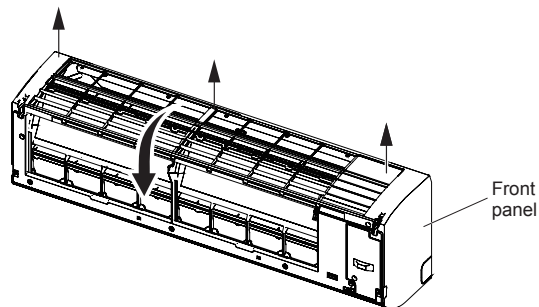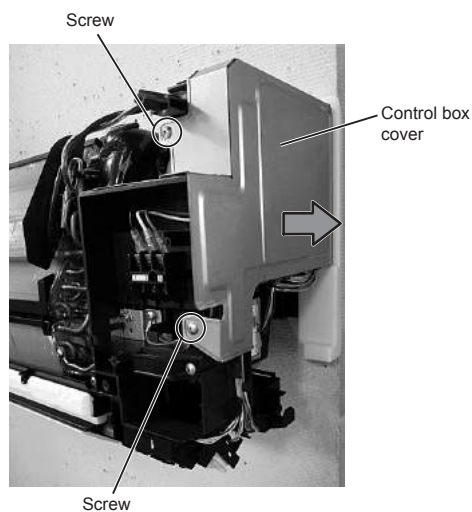
Intake grill removal
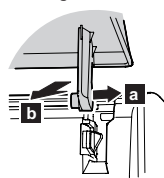
(2) Remove 4 caps.

(3) Remove wire cover screw, then remove the wire cover.

(4) Remove 10 screws.

Wire cover screw

Wire cover

Screws (10 places)

Caps (4 places)
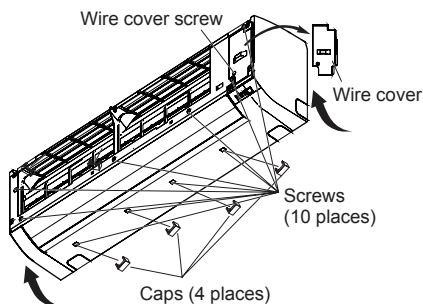
(5) Pull the front panel forward raising the upper surface, to remove the front panel.

Front panel

(6) Remove 2 screws, then remove the control box cover.

Screw

Control box cover

Screw

3.2. Installing the terminal block

(1) Attach the terminal block to the indoor unit firmly with 1 screw (M4x25, accessory).

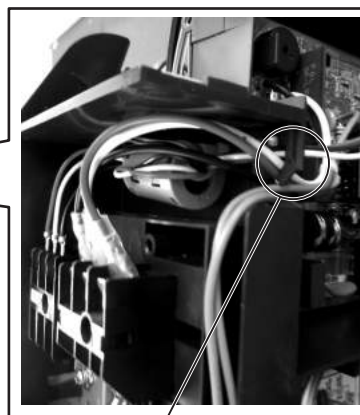(2) Place the wiring as per the figure.

(Front view)

Place the wires from the terminal block under the other wires.
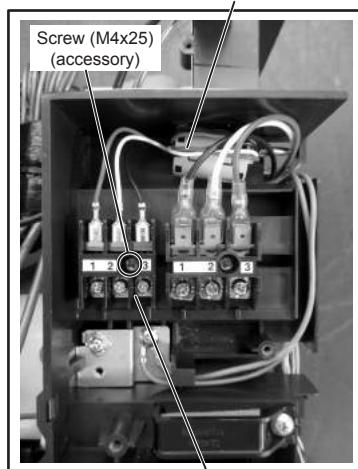
Indoor unit main PCB

(Rightside view)

Screw (M4x25) (accessory)

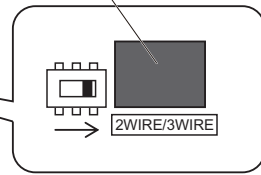Terminal block (with wire)

Place wire under the tab.

En-2

(3) Connect the wires from the terminal block to the indoor unit main PCB by inserting to connector (CN12).

(4) Change the DIP SW setting as shown in the following photograph.

(Indoor unit main PCB)

Terminal block wires

Connector (CN12)

2WIRE/3WIRE

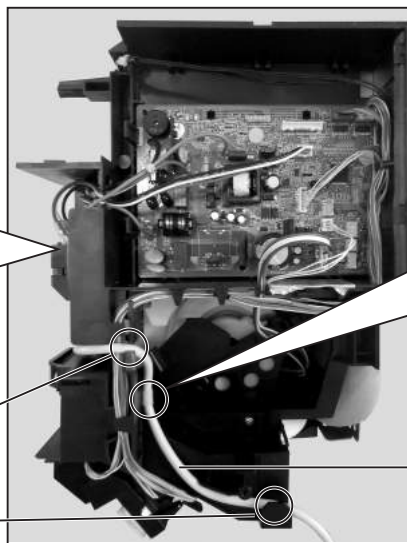| ⚠ CAUTION |
| --- |
| Be careful not to damage the parts on the board. Otherwise, it will cause malfunction. |
| Ensure that the connector is properly inserted. Otherwise, it may result in erroneous operation. |

3.3. Connecting the remote controller cable (communication cable)

(1) Attach the remote controller cable to the terminal block.

Position the wires so that the colors match.

For details, refer to the installation manual of the remote controller.

(2) Install the cable as shown in the following photographs. Be sure to place the wiring under the tabs.

(3) Fix the cable with the cable clamper and screw (M4x14, accessory).
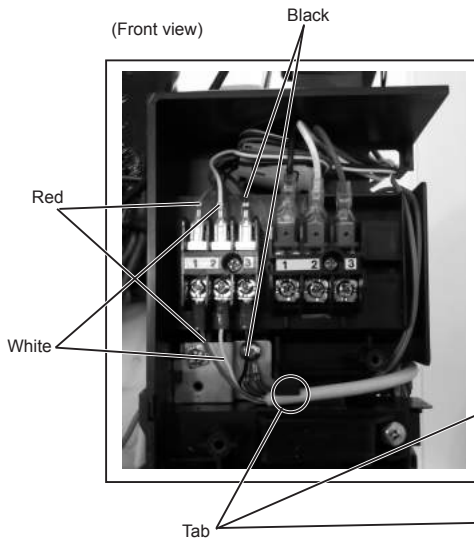
(Right view)

Cable clamper and screw (M4x14, accessory)

Black

(Front view)

Red

White

Remote controller cable

Tab

| ⚠ CAUTION |
| --- |
| Do not connect the cable to the terminal for power supply. |
| When connecting the wired remote controller with the indoor unit, please use the connecting cable supplied with the wired remote controller. |
| Make sure to insulate the connecting parts when extending the cable. |

[Server room control]
For server room control, connect the communication cable to the terminal block following the same procedure as the remote controller cable. For details, refer to the service instruction for Server room control.
Note: Wire colors may not match. Match the numbers on the terminal block of each indoor unit.

En-3

3.4. Front panel, control box cover replacement

Reinstall by reversing the procedure in "3.1. Front panel, control box cover removal"

(1) Replace the control box cover (2 screws).

Screw

Screw
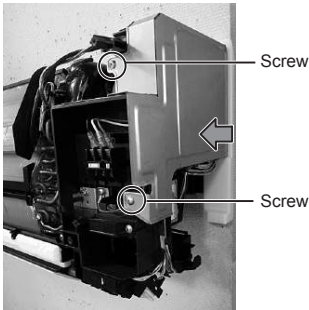
(2) Open a hole in the front panel for the remote controller cable to pass through.

　　* Choose from 4 knockout holes marked on the inside of the front panel.
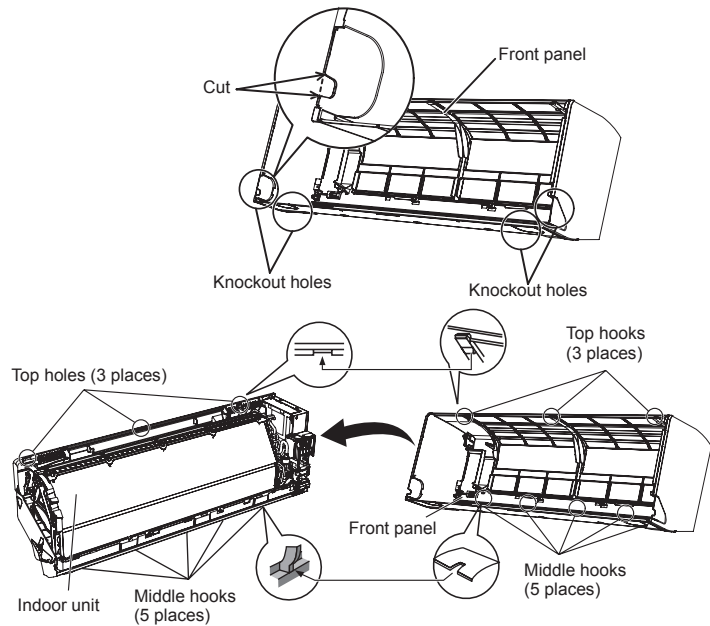
(3) Replace the front cover.

　　First, insert the hook on the lower part of the front panel (5 places), then fit the hooks on the top (3 places).

(4) Replace the 10 screws.

(5) Replace the wire cover (1 screw).

(6) Replace the 4 caps.

(7) Replace the intake grille.

Cut

Front panel

Knockout holes

Knockout holes

Top holes (3 places)

Top hooks (3 places)

Front panel

Indoor unit

Middle hooks (5 places)

Middle hooks (5 places)

Intake grill installation

C

Press down on 4 places.