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1. SAFETY CONSIDERATIONS

Please read this “SAFETY CONSIDERATIONS” carefully before installing air conditioning equipment and be sure to install it correctly. After completing the installation, make sure at start up operation that the unit operates properly. Please instruct the customer how to operate the unit and keep maintenance.

Meaning of caution symbols

CAUTION ..... If the caution is not observed, it may cause injury or damage to equipment.

NOTE ..... These instructions will ensure proper use of the equipment.

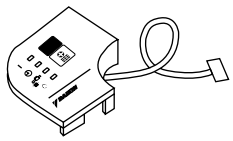
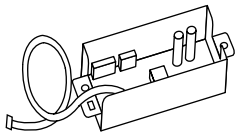
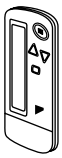
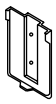
CAUTION

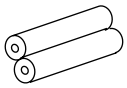
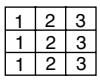
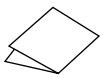
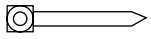
- Refer also to the installation manual attached to the indoor unit and the installation manual attached to the decoration panel.
- Confirm that following conditions are satisfied prior to installation.
  - Ensure that nothing interrupts the operation of the wireless remote controller. (Ensure that there is neither a source of light nor fluorescent lamp near the receiver. Also, ensure that the receiver is not exposed of direct sunlight.)
  - Ensure that the operation display lamp and other indicators are easy to see.
- The installation position of this kit is 1 position of the decoration panel. Therefore, confirm that its position is set so that the single form the wireless remote controller can be easily transmitted and its display can be easily seen.

2. BEFORE INSTALLATION

2-1 ACCESSORIES

Check if the following accessories are included with your unit.

Name	Receiver	Transmitter board	Tapping screw for transmitter board	Wireless remote controller	Remote controller holder
Quantity	1 set.	1 pc.	2 pcs.	1 pc.	1 pc.
Shape					

Name	Dry cell battery LR03 (AM4)	Unit No. label	Screw for installing remote controller holder	Operation manual	Clamp
Quantity	2 pcs.	1 pc.	2 pcs.	1 pc.	1 pc.
Shape					

2-2 NOTE TO THE INSTALLER

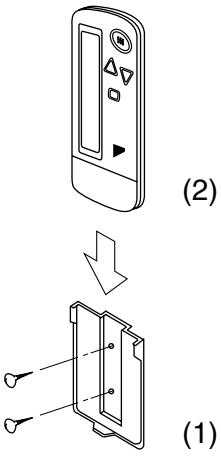
- Be sure to instruct the customer how to properly operate the system showing him/her the attached operation manual.

3. REMOTE CONTROLLER INSTALLATION

〈 **Installing wireless remote controller**〉

- Do not throw the remote controller or impose large shocks. Also, do not store where it may be exposed to moisture or direct sunlight.
- When operating, point the transmitting part of the remote controller in the direction of the receiver.
- The direct transmitting distance of the remote controller is approximately 7 meters.
- The signal cannot be transmitted if something such as curtains blocks the receiver and the remote controller.

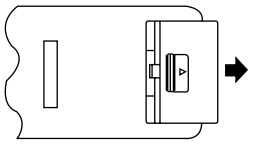
- **Installing to a wall or a pillar**
  (1) Fix the remote controller holder with the screws.



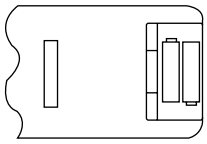
  (2) Slide the remote controller into the remote controller holder from the top.

- **How to insert the batteries**

1. Open the back cover of the remote controller by sliding it in the direction of the arrow.



2. Insert the attached dry cell batteries. Properly insert, set the batteries by matching the (+) and (–) polarity marks as indicated. Then close the cover as before.



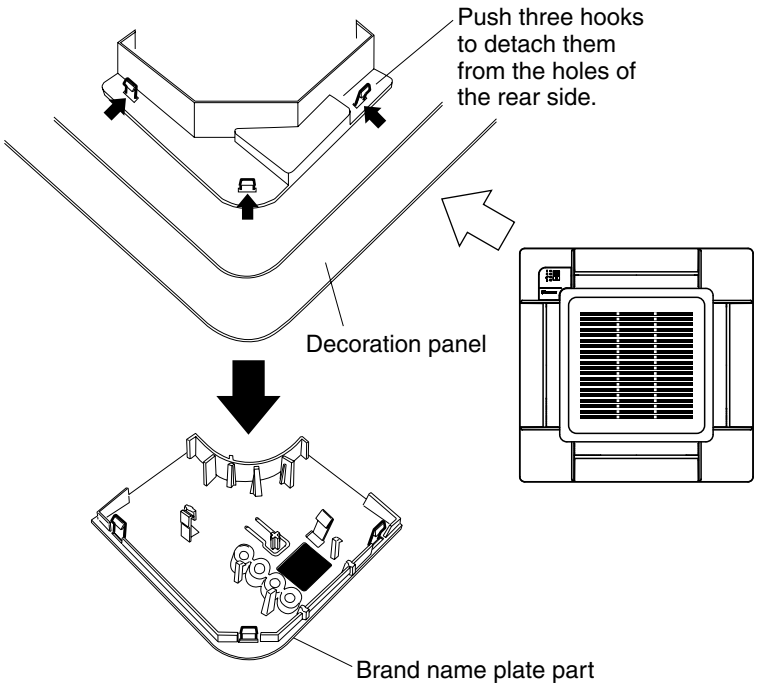
4. RECEIVER INSTALLATION

(1) Preparations before installation

1. Detach the brand name plate part of the decoration corner panel piece, before attaching the decoration panel. This part is not needed hereafter.

2. Next, remove the suction grille and the air filter according to the instructions in the installation manual attached to the decoration panel.

3. Remove the control box lid according to the instructions in the installation manual attached to the indoor unit. (Be sure to turn off power, before removing the control box lid.)



(2) Determination of address and MAIN/SUB remote controller.

If setting multiple wireless remote controllers to operate in one room, perform address setting for the receiver and the wireless remote controller.

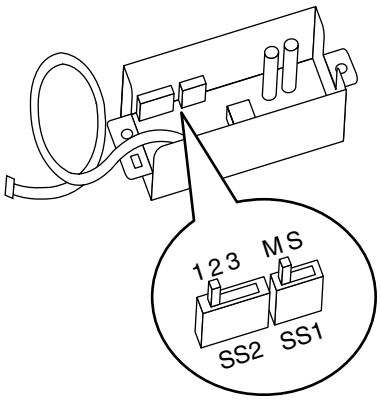
If setting multiple wired remote controllers in one room, change the MAIN/SUB switch of the receiver.

SETTING PROCEDURE

1. Setting the receiver

Set the wireless address switch (SS2) on the transmitter board according to the table below.

Unit No.	No. 1	No. 2	No. 3
Wireless address switch (SS2)			



When using both a wired and a wireless remote controller for 1 indoor unit, the wired controller should be set to MAIN. Therefore, set the MAIN/SUB switch (SS1) of the transmitter board to SUB.

	MAIN	SUB
MAIN/SUB switch (SS1)		

2. Setting the address of wireless remote controller (It is factory set to " 1 ")

〈 Setting from the remote controller〉

1. Hold down the [⊞] button and the [/TEST] button for at least 4 seconds to get the Field Set mode. (Indicated in the display area in the figure at right.)

2. Press the [FAN] button and select a multiple setting (A/b). Each time the button is pressed the display switches between "A" and "b".

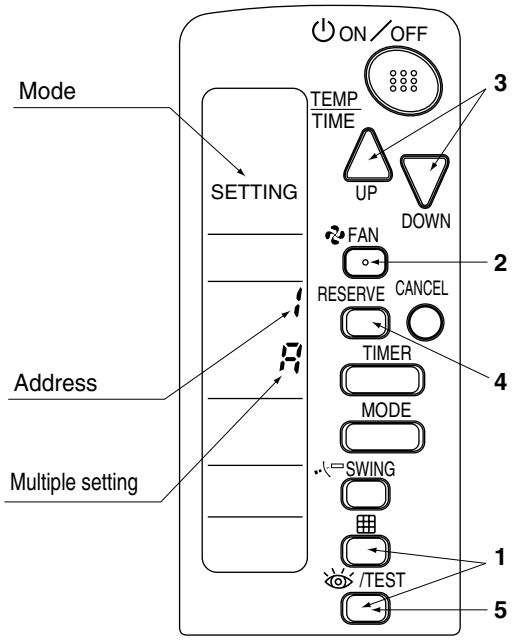
3. Press the " △ UP " button and " ▽ DOWN " button to set the address.

1 → 2 → 3 → 4 → 5 → 6

Address can be set from 1 to 6, but set it to 1 ~ 3 and to same address as the receiver. (The receiver does not work with address 4 ~ 6.)

4. Press the [RESERVE] button to enter the setting.

5. Hold down the [/TEST] button for at least 1 second to quit the Field Set mode and return to the normal display.



Multiple settings A/b

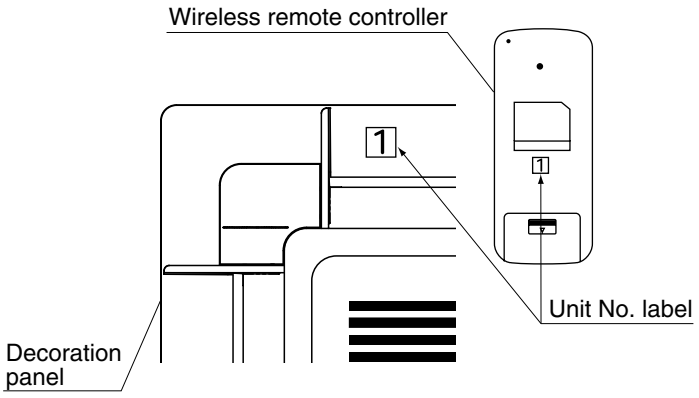
When the indoor unit is being operating by outside control (central remote controller, etc.), it sometimes does not respond to ON/OFF and temperature setting commands from this remote controller. Check what setting the customer wants and make the multiple setting as shown below.

Remote controller		Movement when the operation is controlled by the other air conditioners and equipment
Multiple setting	Remote controller display	
A: Standard	All items displayed.	When operation changeover, temperature setting or the like is carried out from the remote controller, the indoor unit rejects the instruction. (Signal receiving sound "peeh" or "pick-pick-pick") As a result, a discrepancy between the operation state of the indoor unit and the indication of the remote controller display occurs.
b: Multi System	Operations remain displayed shortly after execution.	Since the indication of the remote controller is turned off, no discrepancy such as mentioned above occurs.

3. Stick the Unit No. label on the air outlet of the decoration panel and the back of the wireless remote controller.

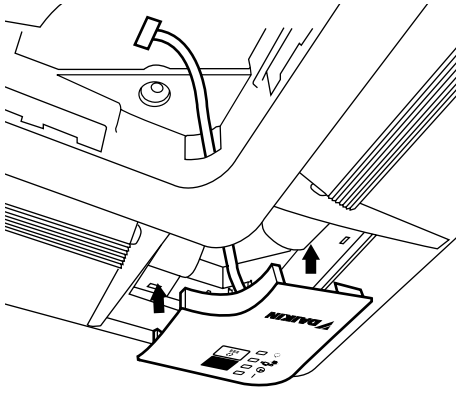
[PRECAUTIONS]

Set the Unit No. of the receiver and the wireless remote controller to be equal. If the settings differ, the signal from the remote controller cannot be transmitted.

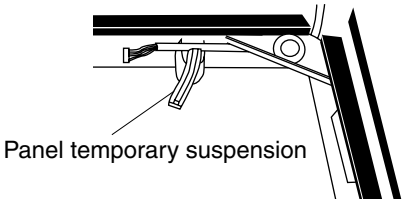


(3) Receiver installation

1. As shown at right, pass the harness from the receiver through the wiring hole of the decoration panel. Then, attach the receiver to the decoration panel.

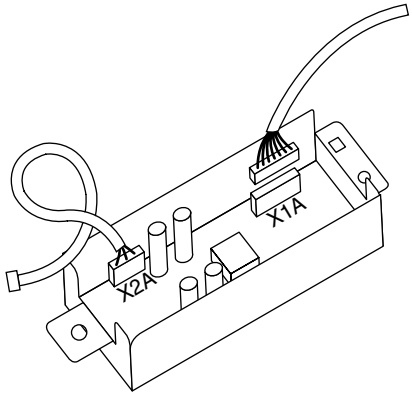


2. Hook the harness from the receiver on the upper part of the panel temporary suspension of the decoration panel.
Be sure to push the harness to the groove.

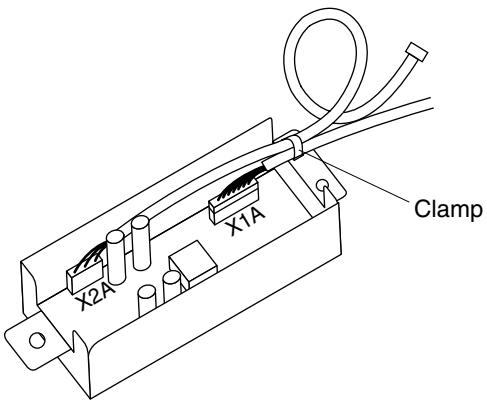


3. Attach the decoration panel to the indoor unit.
(Refer to the installation manual attached to the decoration panel.)

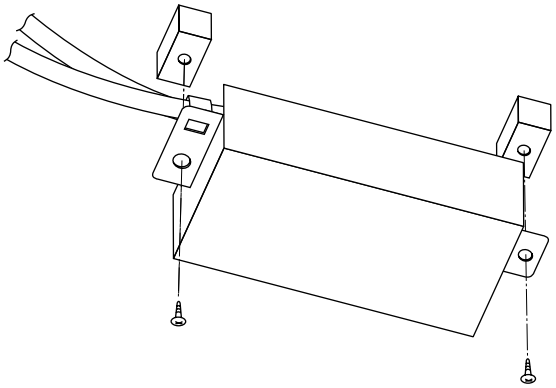
4. Connect the harness from the receiver to the connector X1A on the transmitter board.



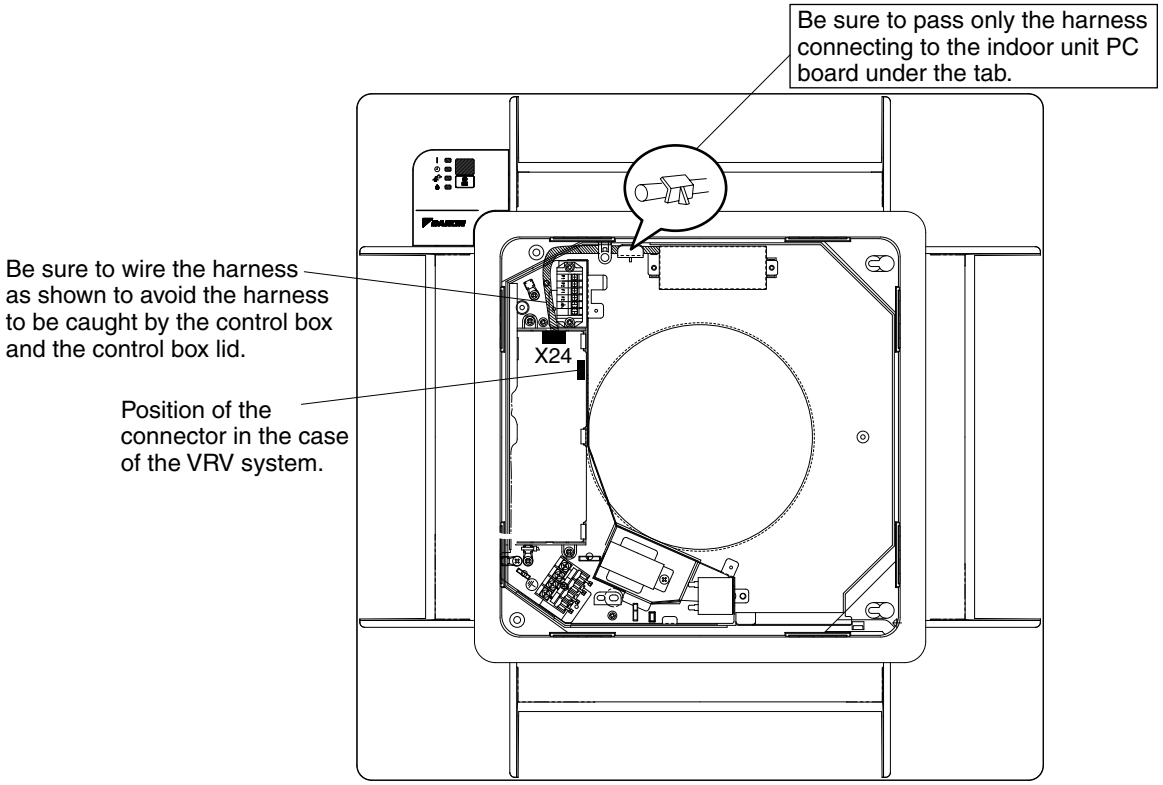
After connecting, use the attached clamp to fix the two harnesses to the transmitter board box.



5. Use two tapping screws to attach the transmitter board to the indoor unit, as shown in the figure.



6. Connect the harness from the transmitter board to the connector X24 on the indoor unit PC board.

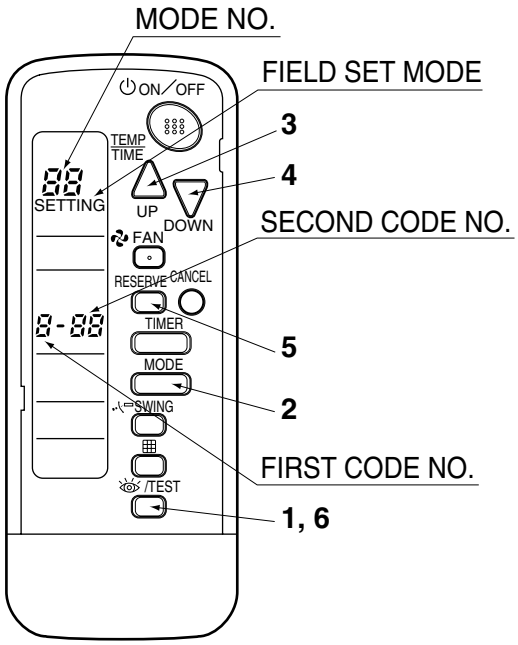


5. FIELD SETTING

If optional accessories are mounted on the indoor unit, the indoor unit setting may have to be changed. Refer to the instruction manual (optional hand book) for each optional accessory.

Procedure

1. When in the normal mode, press the [/TEST] button for a minimum of four seconds, and the FIELD SET MODE is entered.
2. Select the desired MODE NO. with the [MODE] button.
3. Push the " ▲ UP " button and select the FIRST CODE NO.
4. Push the " ▽ DOWN " button and select the SECOND CODE NO.
5. Push the [RESERVE] button and the present settings are SET.
6. Push the [/TEST] button to return to the NORMAL MODE.



(Example)
If the time to clean air filter is set to “Filter Contamination-Heavy”, set Mode No. to “10”, FIRST CODE NO. to “0”, and SECOND CODE NO. to “02”.

MODE NO.	FIRST CODE NO.	DESCRIPTION OF SETTING		SECOND CODE NO. NOTE)				
				01		02		03
10	0	Filter Contamination-Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Long-life type	light	approx. 2,500 hours	heavy	approx. 1,250 hours	-
	3	Spacing time of display time to clean air filter count (Setting for when the filter sign is not to be displayed)		Display		Do not display		-
12 (VRV system)	1	ON/OFF input from outside (Set to enable starting/stopping from remote.)		Forced OFF input		ON/OFF		-
	2	Thermostat differential changeover (Set when using remote controller thermostat sensor.)		1°C		0.5°C		-
13	1	Selection of Air Flow Direction (Setting for when a sealing member of air discharge outlet kit has been installed)		F		T		W
	4	Air Flow Direction Range Setting		Upper		Normal		Lower

NOTE

- The SECOND CODE NO. is factory set to “01”. However, for the following cases it is set to “02”.
  - Air Flow Direction Range Setting

Do not use any settings not listed in the table.
For group control with a wireless remote controller, initial settings for all the indoor units of the group are equal. (For group control, refer to the installation manual attached to the indoor unit for group control.)

6. TEST OPERATION

- Perform test operation according to the instructions in the installation manual attached to the indoor unit.
- After refrigerant piping, drain piping, and electric wiring, operate according to the table to protect the unit.

[PRECAUTIONS]

1. Refer to malfunction code of installation manual attached to the indoor unit, if it does not operate.

2. Refer to the installation manual attached to the outdoor unit for individual operation system types.

Order	Operation
(1)	Open gas side stop valve.
(2)	Open liquid side stop valve.
(3)	Electrify for 6 hours.
(4)	Set to cooling with the remote controller and push [ON/OFF] button to start operation.
(5)	Push [/TEST] button twice and operate in TEST OPERATION mode for 3 minutes.
(6)	Push [SWING] button and confirm its operation.
(7)	Push [/TEST] button and operate normally.
(8)	Confirm its function according to the operation manual.