REMOTE CONTROLLER: NAME AND FUNCTION OF EACH SWITCH AND DISPLAY

①	**ON/OFF BUTTON** Press the button and the system will start. Press the button again and the system will stop.	⑦	**DISPLAY " ⬚ " (UNDER CENTRALIZED CONTROL)** When this display shows, the system is UNDER CENTRALIZED CONTROL. (This is not a standard specification)
②	**OPERATION LAMP (RED)** The lamp lights up during operation. Blinks in case of stop due to malfunction.	⑧	**DISPLAY " ❀❀ H L " (FAN SPEED)** This display shows the fan speed: HIGH or LOW.
③	**DISPLAY " ⬚ " (CHANGEOVER UNDER CONTROL)** It is impossible to changeover heating/cooling with the remote controller when it shows this display. (As for details, see "SETTING OF MASTER REMOTE CONTROLLER" in the installation manual attached to the indoor unit.)	⑨	**DISPLAY " ⬚ " (DEFROST / HOT START)** Indicates that defrost or hot start (during which the fan is stopped till the temperature of air supply rises enough at the start of a heating operation) is in progress.
④	**DISPLAY " ⬚ " (VENTILATION/AIR CLEANING)** This display shows that the total heat exchanger and the air cleaning unit are in operation. (These are optional accessories).	⑩	**TEMPERATURE SETTING BUTTON** Use this button for SETTING TEMPERATURE of the thermostat. ▲ ; Each press raises the set temperature by 1°F. ▼ ; Each press lowers the set temperature by 1°F. The variable temperature range is between 60°F and 90°F.
⑤	**DISPLAY " ⬚ " (SET TEMPERATURE)** This display shows the set temperature. Only given during a cooling or heating operation.	⑪	**FAN SPEED CONTROL BUTTON** Press this button to select the fan speed, HIGH or LOW, of your choice.
⑥	**DISPLAY " ❀ " " ⬚ " " ⬚ " " ✳ " " ☀ " (OPERATION MODE)** This display shows current OPERATION MODE. " ☀ " is not available with outdoor units specially designed for cooling only. " ⬚ " is reserved only for outdoor units capable of heat recovery.	⑫	**OPERATION MODE SELECTOR BUTTON** Press this button to select OPERATION MODE.
		⑬	**DISPLAY " ⬚ " (MALFUNCTION)** Indicates malfunction and blinks if the unit stops operating due to malfunction. (As for details, see "TROUBLE SHOOTING" in the operation manual attached to the outdoor unit.)
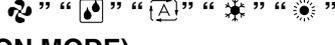
For the sake of explanation, all indications are shown in the figure above contrary to actual running situations.

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REMOTE CONTROLLER MOUNTING INSTRUCTIONS

1. Remove the upper part of remote controller.

Insert a minus screwdriver into the slot between the upper and the lower part of remote controller.

NOTE

1. Do not directly touch the PC board with your hand.
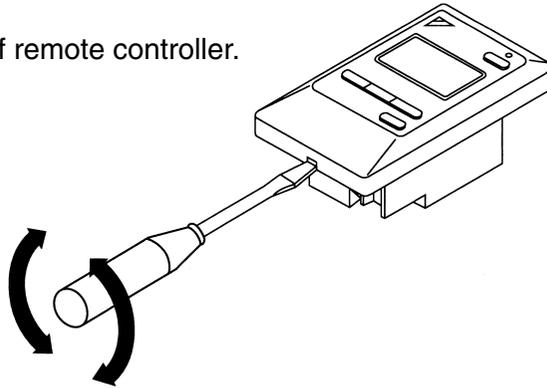
2. Wire the indoor unit.

Connect terminals P1 and P2 on the rear of the lower part of remote controller to terminals P1 and P2 on the indoor unit.
(Terminals P1 and P2 have no polarity.)

Lower part   Transmission wiring

P1
P2

Indoor unit

Electric parts box
(Part to be procured in the field)
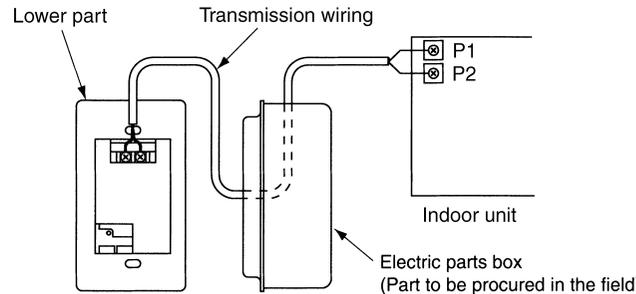
NOTES

1. The electric parts box and wiring for connection are not included.
2. When wiring, run the wiring away the power supply wiring in order to avoid receiving electric noise (external noise).
3. When wiring, refer to the wiring diagram of indoor unit (attached to indoor unit) as well.

WIRING SPECIFICATION

Wiring type	Sheathed wire (2 wire)
Size	AWG18 or AWG16

3. Fasten the remote controller.

Attach the lower part of remote controller to the electric parts box (part to be procured in the field).

NOTE

Choose the flattest place possible for the mounting surface. Be careful not to distort the shape of the lower part of remote controller by over-tightening the mounting screws.

For the electric parts box to be procured in the field, use optional accessories KJB111A.
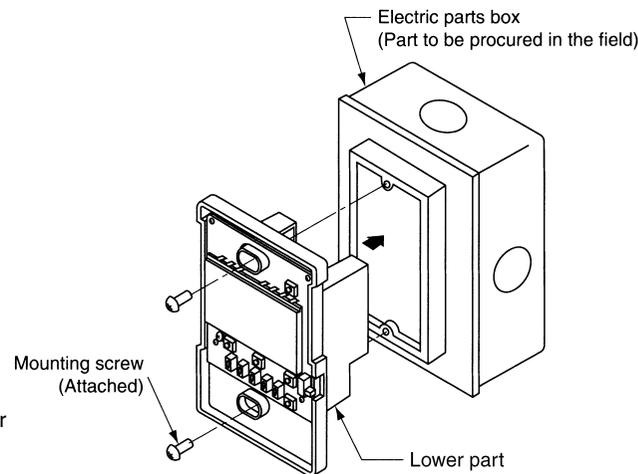
4. Initial setting

Change the MAIN/SUB changeover switch setting as described below.
If controlling one indoor unit with two remote controllers, set one remote controller to "MAIN." and the other to "SUB."

| S |
| M |

Main Remote
Controller
(Factory Set)

| S |
| M |

Sub Remote
Controller
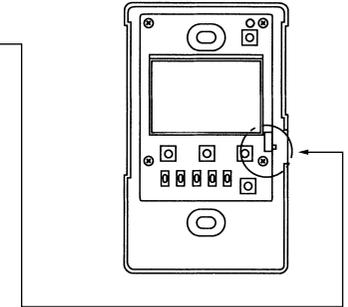
NOTES

• If controlling with one remote controller, be sure to set it to "MAIN."
• Set the remote controller before turning power supply on.

"88" is displayed for about one minute when the power supply is turned on, and the remote controller cannot be operated in some cases.

Electric parts box
(Part to be procured in the field)

5. Reattach the upper part of remote controller.

NOTE

1. Do not directly touch the PC board with your hand.

Mounting screw
(Attached)

Lower part

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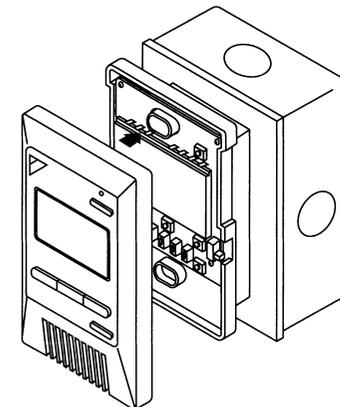
FIELD SETTING

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

Procedure

① Remove the upper part of remote controller.

② When in the NORMAL MODE, press the BS6 BUTTON and the FIELD SET MODE is entered.

③ Select the desired MODE No. with the BS2 BUTTON and the BS3 BUTTON.

④ During group control, when setting by each indoor unit (MODE No. 20, 22 and 23 have been selected), push the BS8 BUTTON and select the INDOOR UNIT No. to be set. (This operation is unnecessary when setting by group.)

⑤ Push the BS9 BUTTON and select FIRST CODE No.

⑥ Push the BS10 BUTTON and select SECOND CODE No.

⑦ Push the BS7 BUTTON once and the present settings are SET.

⑧ Push the BS6 BUTTON to return to the NORMAL MODE.

(Example) If during group setting and 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".
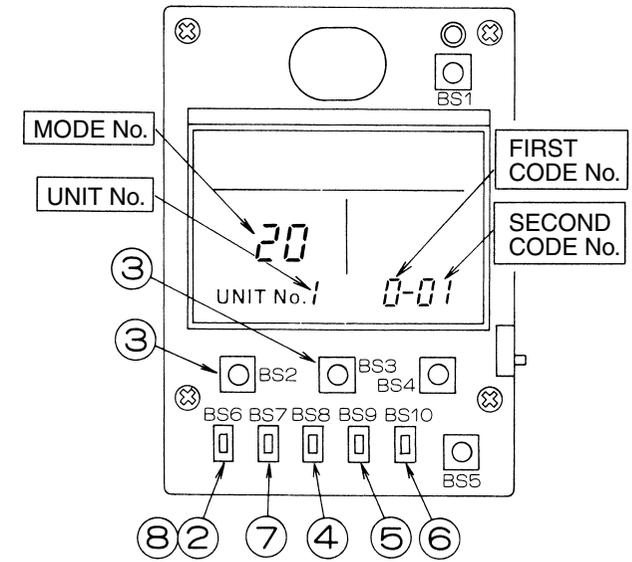
MODE No. Note) 1	FIRST CODE No.	Description of Setting		SECOND CODE No. Note) 2		
				01	02	03
10(20) Note) 6	0	Filter Contamination - Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Long Life Filter	Light — Approx. 2,500 Hrs.	Heavy — Approx. 1,250 Hrs.	—
			Standard Filter	Approx. 200 Hrs.	Approx. 100 Hrs.	
	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(22)	1	ON/OFF Input from Outside. (Setting for when forced ON/OFF is to be operated from outside.)		Forced OFF	ON/OFF Operation	
	2	Thermostat Differential Changeover (Setting for when using the remote sensor) FXCQ, FXFQ, FXKQ or FXHQ only		1.8°F	0.9°F	—
13(23)	1	Selection of Air Flow Direction (Setting for when a blocking pad kit has been installed) FXFQ only		4-way flow	3-way flow	2-way flow
15(25)	1	Humidifying with thermostat OFF		Not equipped	Equipped	
	3	Drain pump operation with humidifying		Not equipped	Equipped	

NOTE) 1. Setting is carried out in the group mode, however, if the MODE No. inside the parentheses is selected, indoor units can also be set individually.
2. The SECOND CODE No. is set to "01" when shipped from the factory.
3. Do not make any settings not given in the table on the left.
4. Not displayed if the indoor unit is not equipped with that function.
5. When returning to the NORMAL MODE, "88" may be displayed in the LCD in order for the remote controller to initialize itself.
6. This mode is used to set the time until the display time to clean air filter lights up when using the central remote controller.

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