

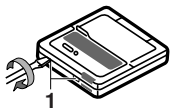
**DAIKIN**



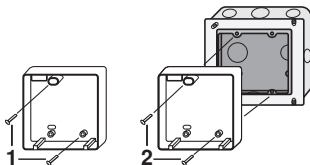
# INSTALLATION MANUAL

## **Remote controller**

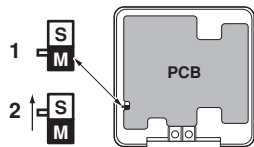
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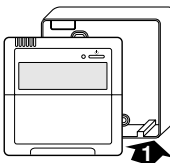
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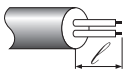
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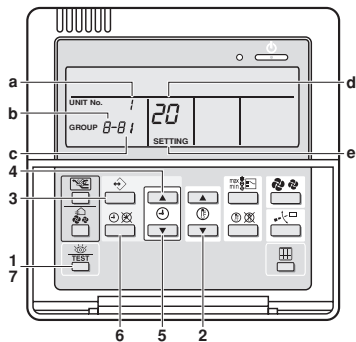
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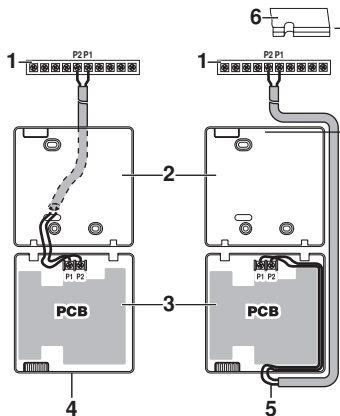
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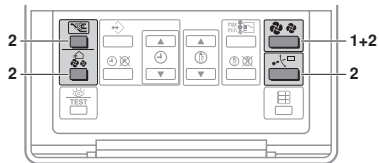
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6



8





READ THIS MANUAL ATTENTIVELY BEFORE STARTING UP THE UNIT. DO NOT THROW IT AWAY. KEEP IT IN YOUR FILES FOR FUTURE REFERENCE.



IMPROPER INSTALLATION OR ATTACHMENT OF EQUIPMENT OR ACCESSORIES COULD RESULT IN ELECTRIC SHOCK, SHORT-CIRCUIT, LEAKS, FIRE OR OTHER DAMAGE TO THE EQUIPMENT. BE SURE ONLY TO USE ACCESSORIES MADE BY DAIKIN WHICH ARE SPECIFICALLY DESIGNED FOR THE USE WITH THE EQUIPMENT AND HAVE THEM INSTALLED BY A PROFESSIONAL.

IF UNSURE OF INSTALLATION PROCEDURES OR USE, ALWAYS CONTACT YOUR DEALER FOR ADVICE AND INFORMATION.

### The kit includes the following parts:

Remote controller	Wood screws
	

Wall plugs	Machine screws
	

## 1. Remove the upper part of remote controller (Refer to figure 1)

Insert a minus screwdriver into the slots (1) in the lower part of the remote controller (2 places), and remove the upper part of the remote controller.



The PC board is mounted in the upper part of the remote controller. Be careful not to damage the board with the minus screwdriver.

## 2. Fasten the remote controller (Refer to figure 2)

- for exposed mounting, fasten with the two included wood screws (Ø4x30) and plugs.
- for flush-mounting, fasten with the two included machine screws (M4x16).

For the field supplied switch box, use optional accessory KJB111A or KJB211A.

### NOTE



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

### 3. Wire the indoor unit (Refer to figure 6)

- 1 indoor unit
- 2 lower part of the remote controller
- 3 upper part of the remote controller
- 4 wired from the rear
- 5 wired from the top
- 6 notch the part for the wiring to pass through with nippers, etc.

Connect the terminals on top of the upper part of the remote controller (P1, P2), and the terminals of the indoor unit (P1, P2). (P1 and P2 do not have polarity.)

**NOTE** When wiring, run the wiring away from the power supply wiring in order to avoid receiving electric noise (external noise).



### Wiring specifications

Wiring type	Size
2 wire	0.75–1.25 mm <sup>2</sup>

**NOTE** Peel the shield for the part that has to pass through the inside of the remote controller case (✓). Refer to figure 5.



### 4. Reattach the upper part of the remote controller



Be careful not to pinch the wiring when attaching.

Refer to figure 4:

First begin fitting from the clips at the bottom.

**NOTE**

1. The switch box and wiring for connection are not included.
2. Do not directly touch the PC board with your hand.



### If controlling one indoor unit or one group of indoor units with two remote controllers

Change the MAIN/SUB changeover switch setting as described below (Refer to figure 3).

- 1 Main remote controller (factory set)
- 2 Sub remote controller

Set one remote controller to "main", and the other to "sub".

**NOTE**

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







"88" is displayed for about one minute when the power supply is turned on. During this time the remote controller can not be operated.

## 5. Permission level function

- If required, you can limit the user action by restricting the number of operable buttons. Refer to the chapter "Field settings".

Level	Operable buttons
1	All
2	<ul style="list-style-type: none"><li>• on/off button</li><li>• schedule timer button</li><li>• temperature adjust button</li><li>• operation change/MIN-MAX button</li><li>• fan speed button</li><li>• air flow direction adjust button</li></ul>
3	<ul style="list-style-type: none"><li>• on/off button</li><li>• temperature adjust button</li><li>• fan speed button</li></ul>

- For switching between level 1 permission and the selected level in service, proceed as follows:

- 1 Keep the fan speed button   pressed,
- 2 and press the 3 other indicated keys simultaneously while keeping the fan speed button   pressed.

Refer to [figure 8](#).

- If you want to limit the user action on the remote controller to be defined as "sub", start with only connecting this controller to the unit. Make sure that this controller is set to "main" (factory set) first, change the permission level to the setting you prefer and only then set the remote controller to "sub".  
You can now proceed with connecting the remote controller to be defined as "main".








## 6. Field settings

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.

Refer to [figure 7](#).

- a Unit NO
- b First Code NO
- c Second Code NO
- d Mode NO
- e Field set mode

### Procedure (Refer to [figure 7](#))

- 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 "" button.
- 3 During group control, when setting by each indoor unit (mode No. 20, 21, 22 and 23 have been selected), push the "" button and select the INDOOR UNIT NO. to be set. (This operation is unnecessary when setting by group.)
- 4 Push the "" upper button and select FIRST CODE NO.
- 5 Push the "" lower button and select the SECOND CODE NO.
- 6 Push the "" button once and the present settings are SET.
- 7 Push the " TEST" button to return to the NORMAL MODE.

## Example

If during group setting and the time to clean the air filter is set to FILTER CONTAMINATION - HEAVY, SET MODE NO. to "10", FIRST CODE NO. to "0", and SECOND CODE NO. to "02".

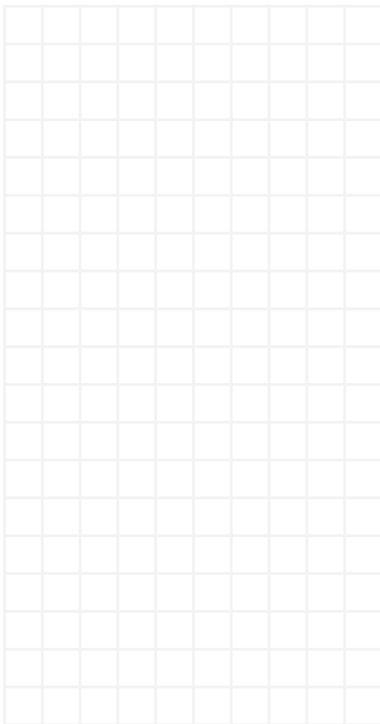
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### NOTE



1. Setting is carried out in the group mode, however, if the mode number inside the parentheses is selected, indoor units can also be set individually.
  2. The SECOND CODE number is set to "01" when shipped from the factory.
  3. Do not make any settings not given in the table.
  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. It is not possible to change field settings on the remote controller that is set to "sub".
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## Notes

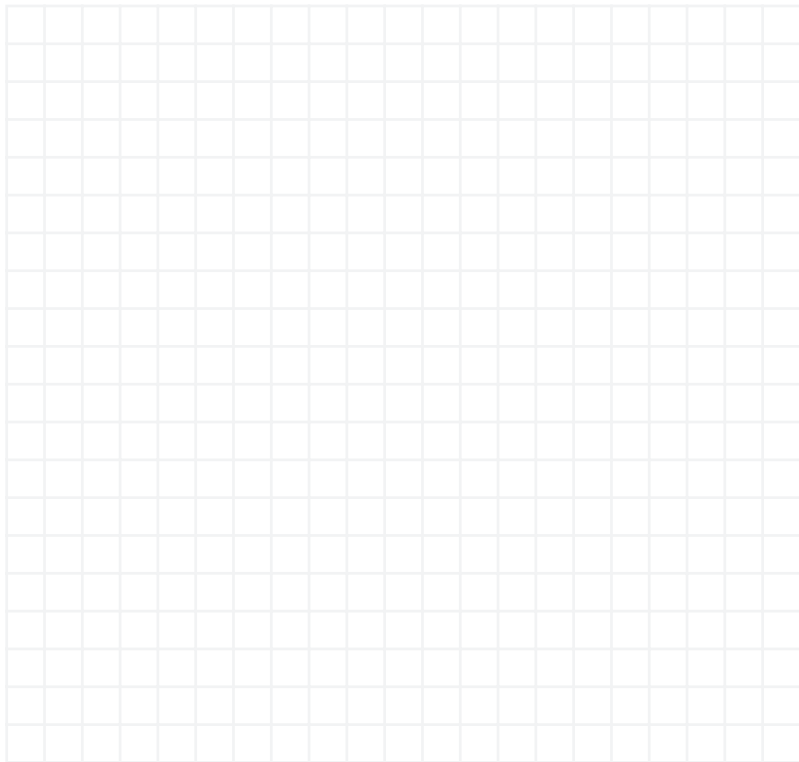


Mode No. Note 1	FIRST CODE NO.	Description of setting	SECOND CODE NO. Note 2						
			01	02	03	04			
10(20)	0	Filter Contamination - Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Ultra long life filter	Light	Approx. 10,000 hrs.	Heavy	Approx. 5,000 hrs.	—	—
			Long life filter		Approx. 2,500 hrs.		Approx. 1,250 hrs.		
			Standard filter		Approx. 200 hrs.		Approx. 100 hrs.		
	1	Long-life filter type (setting of filter sign indication time). (Change setting when ultra-long filter is installed)	Long-life filter	Ultra-long life filter	—	—			
2	Thermostat sensor in remote controller	Use	Not use	—	—				
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	—	—				
11(21)	0	Setting number of connected Sky Air simultaneous operation system indoor units (setting for simultaneous operations system)	Pair	Twin	Triple	Double twin			
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 remote sensor).	1°C	0.5°C	—	—			
13(23)	0	High air outlet velocity (for high ceiling applications).	≤2.7 m	>2.7≤3.0 m	>3.0≤3.5 m	—			
	1	Selection of air flow direction (setting for when a blocking pad kit has been installed).	4-way flow	3-way flow	2-way flow	—			
	3	Selection of air flow function (setting for when using a decoration panel for outlet).	Equipped	Not equipped	—	—			
	4	Air flow direction range setting.	Upper	Normal	Lower	—			
	6	Setting the external static pressure (setting according to the connected duct resistance) (for FHYK, follow the high ceiling setting)	Normal (Normal)	High static pressure (High ceiling)	Low static pressure —	—			
15(25)	3	Drain pump operation with humidifying.	Equipped	Not equipped	—	—			





## NOTES



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