DAIKIN

INSTALLATION MANUAL

Wireless Remote Controller Kit

MODELS **BRC7C62**
BRC7C67

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION.
KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.

CONTENTS

SAFETY CONSIDERATIONS 1
BEFORE INSTALLATION 1
REMOTE CONTROLLER INSTALLATION 2
RECEIVER INSTALLATION 2
FIELD SETTING 5
TEST OPERATION 6

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.

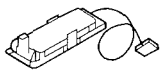
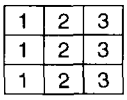
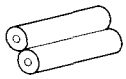
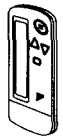
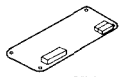
⚠ CAUTION

- 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 noting 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 sun light.)
  * Ensure that the operaiton 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.

BEFORE INSTALLATION

ACCESSORIES

Check if the following accessories are included with your unit.

Name	Shape	Quantity	Name	Shape	Quantity	Name	Shape	Quantity
Receiver ass'y		1 set	Unit No. label		1 pc.	Plastic clamp		1 pc.
			Dry cell battery LR03 (AM4)		2 pcs.	Plastic clamp installation screw	M4 × 8	1 pc.
Wireless remote controller		1 pc.	Transmission PC board		1 pc.	Clamp		1 pc.
			Wire harness		1 pc.	Sealing pad		1 pc.
Remote controller holder		1 pc.	PCB support		4 pcs.	Operation manual		1 pc.
			Screw for installing remote controller holder	φ3.5 × 16ℓ	2 pcs.			

NOTE TO THE INSTALLER

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

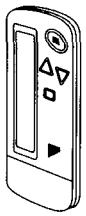
REMOTE CONTROLLER INSTALLATION

〈Installing wireless remote controller〉

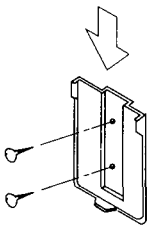
- Do not throw the remote controller or impose large shocks. Also, do not store where it may be exposed to moistture or direct sunlight.
- When operating, point the transmitting part of the remote controller in the direction of the receiver.
- The direct transmitting distance of the remote controller 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**

Slide the remote controller into the remote controller holder from the top.

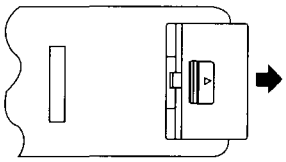


Fix the remote controller holder with the screws.

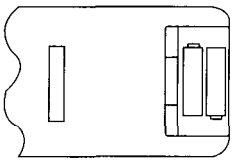


- **How to insert the batteries**

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.



RECEIVER INSTALLATION

(1) Preparations before installation

Install this kit after electric wiring the indoor unit.

① Remove the suction grille, air filter, partition plate and decorative side panel (right-hand). referring to the installation manual provided with the indoor unit.

② Remove the steel wire and electric parts box lid, referring to the installation manual provided with the indoor unit.

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

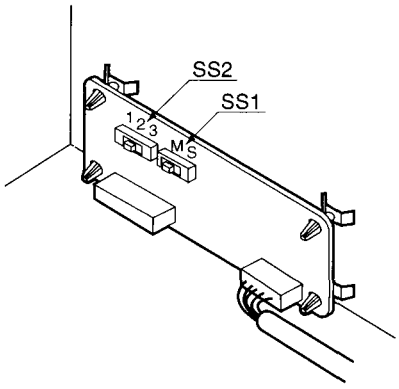
If setting multiple wireless remote controllers to operate in one room, perform address setting for the receiver and the wireless remote controller. (This is needed too for individual remote control in the group control mode, for the group control mode, see the installation manual provided with the indoor unit.) If setting multiple wired remote controllers in one room, change the MAIN/SUB switch of the receiver.

SETTING PROCEDURE

① **Setting the receiver**

Referring to the table below, set the wireless address switch (SS2) on the transmission PC board.

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



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 receiver to SUB.

	MAIN (Factory setting)	SUB
MAIN/ SUB switch (SS1)	M S	M S

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" .

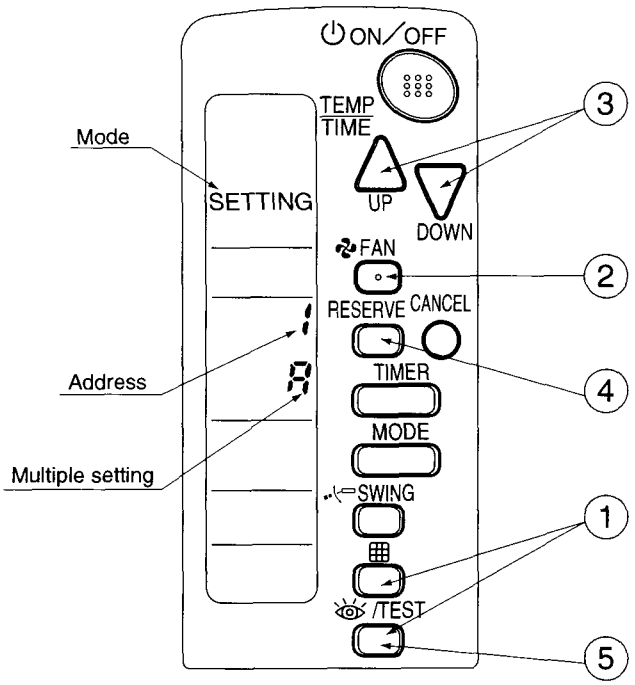
③ Press the "△ UP" button and "▽ DOWN" button to set the address.

→ 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.

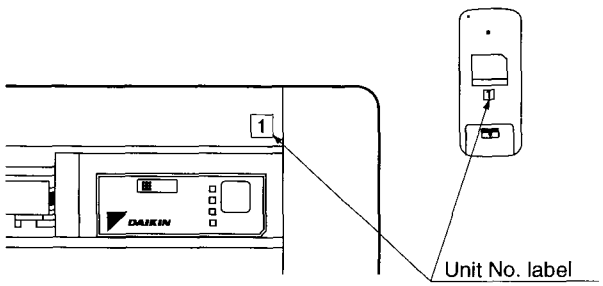


〈 Multiple settings A/b 〉

When the indoor 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		Indoor unit	
Multiple setting	Remote controller display	To control other air conditions and units	For other than on left
A: Standard	All items displayed.	Commands other than ON/OFF and temperature setting accepted. (1 LONG BEEP or 3 SHORT BEEPS emitted)	
b: Multi System	Operations remain displayed shortly after execution.	All commands accepted (2 SHORT BEEPS)	

③ Stick the Unit No. label at decoration panel air discharge outlet as well as on the back of the wireless remote controller.



PRECAUTIONS

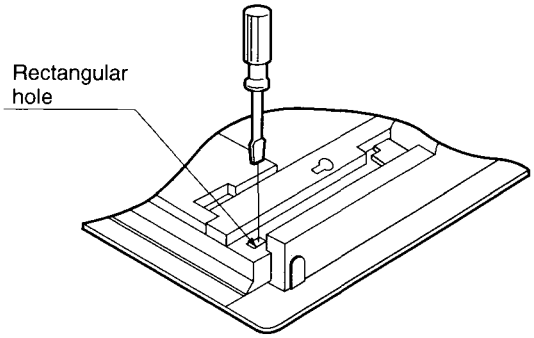
Set the Unit No. of the receiver and the wireless remote controller to be equal. If the settings differs, the signal from the remote controller cannot be transmitted.

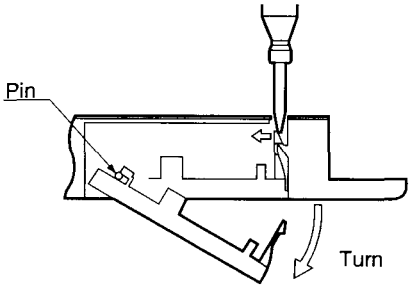
(3) Setting up the wireless display cover and the transmission PC board

(3-1) Remove the nameplate stand (part of the DAIKIN mark of decoration panel)

① Insert a screwdriver in the rectangular hole in the rear of the decoration panel and release the latch.

② To remove the nameplate stand, face downward and turn.





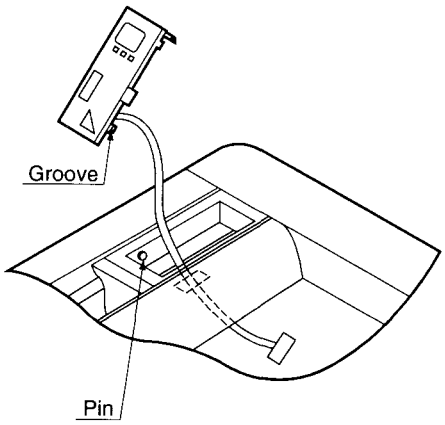
(3-2) Install the receiver ass'y

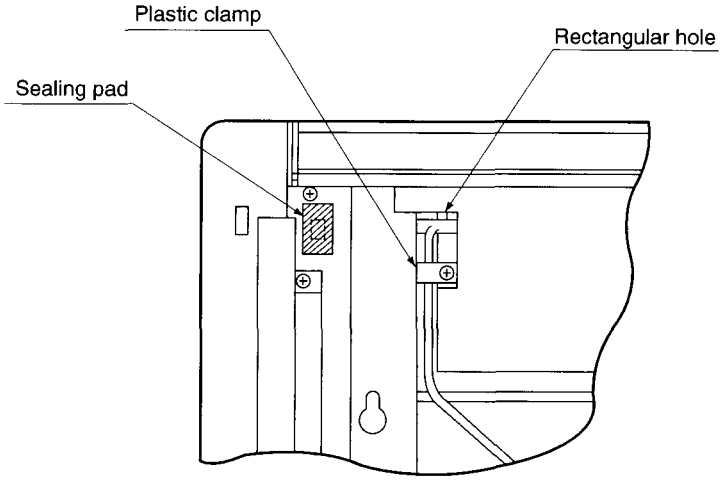
① Pass the receiver ass'y harness through the rectangular hole (long) in the recessed portion where the nameplate stand had been installed.

② Hook the groove of the receiver ass'y on the pins on both sides of the recessed portion, and install by turning.

③ Fasten the harness passed through the rectangular hole to the rear surface of the decoration panel with the plastic clamp.

④ Block the hole in which the screwdriver was inserted in step (1) with a sealing pad.



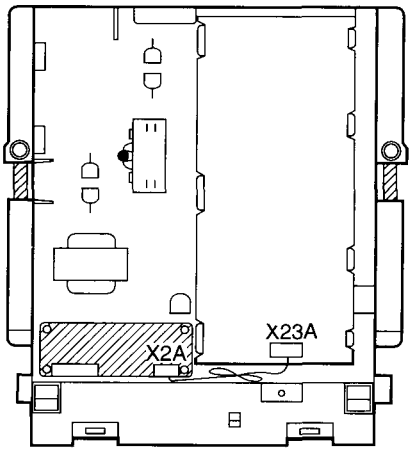


(3-3) Install the transmission PC board on the indoor unit's electric parts box.

① Pull open the electric parts box.

② Using the PCB support, install the transmission PC board at the position shown in the figure on the right.

③ Connect the connector (X2A) on the transmission PC board to the connector (X23A) on the indoor unit's PC board with the wire harness.
(Clamp the excess harness with a clamp.)



4) SETTING UP THE INDOOR UNIT BODY AND DECORATION PANEL

- According to installation manual provided with the indoor unit, install the indoor unit and decoration panel.

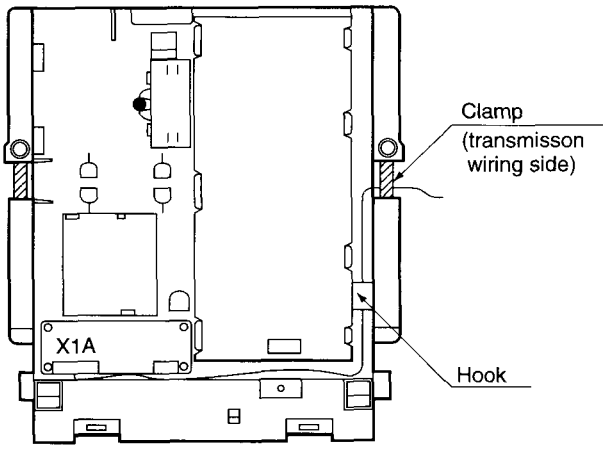
(5) Wiring to indoor unit

- Connect the receiver ass'y's harness to the transmission PC board.

① Loosen the clamp on the side of the electric patrs box (transmission wiring side), and pass the harness from the receiver ass y.

② Pass the harness through the hook so it doesn't pass over the top of the PC board. and connect it to the connector (X1A) on the transmission PC board.

③ Take up the slack in the harness inside the electric parts box, and once again clamp it with the clamp on the side of the electric parts box.



(6) SETTING UP THE SUCTION GRILLE

- According to installation manual provided with the decoration panel, install the suction grile.

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) fc· each optional accessory.)

Procedure

① When in the normal mode, push 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.

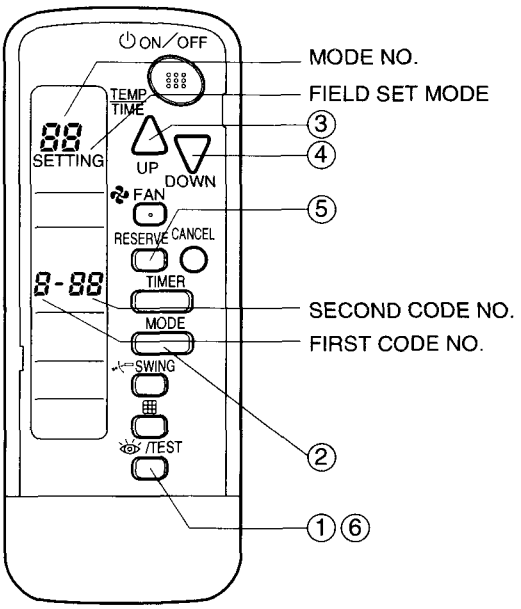
(Example) If the time to clean air filter is set to "Filter Contamination-Heavy", set Mode No. to "10", FIRST CODE NO. to "0", and SECOND CODE NO. to "02"

MODE NO.	FIRST CODE NO.	DESCRIPTION OF SETTING		SECOND CODE NO. NOTES) 1.				
				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 Filter	Light	Approx. 2,500 hrs.	Heavy	Approx. 1,250 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	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)		1℃		0.5℃		—
13	4	Air Flow Direction Range Setting		Normal		Normal		Lower

NOTES)

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

2. Do not use any settings not listed in the table.
3. 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 in door unit for group control.)



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〉

Refer to malfunction diagnosis label attached to the unit it if does not operate.

Order	Operation
(1)	Open gas side stop valve.
(2)	Open liquid side stop valve.
(3)	Electrify crank case heater 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.