Remote Controller (Wired Type) INSTALLATION MANUAL

(PART NO. 9373328087-02)

For authorized service personnel only.

Let the customer kee serviced or moved.	ep this i	nstallation manual because	e it is needed when the air co	ondition	er or remote controller is	
CAUTION This user	FION This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.					
controller, do not insi directly below the air Do not touch the rem Do not wire the rem connection cables, tr may cause erroneous When installing the b Do not set the DIP sy than indicated in this	all the r outlet o ote cor ote cor ansmis s operato ous wire vitches, manua	emote controller in a place w of the indoor unit. Introller PC board and PC board Introller cable (cord) and the sion cables, and power supp tion. I near a source of electroma either on the air conditione I or the manual that is suppli	where it will be exposed to dire ard parts directly with your ha bus wire together with or p oly cables of the indoor and ou gnetic waves, use shielded w er or the remote controller, in ied with the air conditioner. Do	ect sunli ands. barallel itdoor u ire. any way bing so	ight or Temperature sensor to the inits. It other may result in an accident.	
following installation pa	rts are s	STANI	DARD PARTS			
Name and Shape	Q'ty	Application	Name and Shape	Q'ty	Application	
emote ntroller	1	For air conditioner operation	Tapping screw (M4 × 16)	2	For installing the remote controller	
1		For connecting the	Binder	1	For remote controller and remote controller cable (cord) binding	
emote controller cable	1	remote controller				
emote controller cable ord)	1	remote controller	Tapping screw (M4 × 14) (*1)	1	For installing the remote controller cable (cord) to the indoor unit	
emote controller cable ord)	1	For connecting the remote controller cable (cord) to the wall mounted type indoor unit	Tapping screw (M4 × 14) (*1)	1	For installing the remote controller cable (cord) to the indoor unit For installing the remote controller cable (cord) to the indoor unit	
emote controller cable ord)	1 1 controlle	For connecting the remote controller cable (cord) to the wall mounted type indoor unit r cable (cord) must be modifie	Tapping screw $(M4 \times 14)$ (*1)Cable (cord) clamper (*1)Cable for the indoor unit model.	1	For installing the remote controller cable (cord) to the indoor unit For installing the remote controller cable (cord) to the indoor unit	
emote controller cable ord)	1 1 controlle	remote controller For connecting the remote controller cable (cord) to the wall mounted type indoor unit r cable (cord) must be modifie REMOTE CON	Tapping screw (M4 × 14) (*1) Cable (cord) clamper (*1) ed for the indoor unit model.	1 1 G	For installing the remote controller cable (cord) to the indoor unit For installing the remote controller cable (cord) to the indoor unit	

When remote controller cable (cord) is embedded Fig. 3 Fig. 2 (1) Embed the remote controller cable (cord) and [Example] Red 2. White Hole box. 3. Black (2) Pass the remote controller cable (cord) through Remote controller ÓC the hole in the rear case and connect the recable (cord) mote controller cable (cord) to the remote con-0 troller terminal board specified in Fig. 2. Binde When connect-0 Connector (3) Clamp the remote controller cable (cord) sheath ing the remote with the binder as shown in Fig. 2. C controller (4) Cut off the excess binder. Box cables, do not 5) Install the rear case to the wall, box, etc., with overtighten the Rear two screws (Fig. 3). screws. case Ground the remote controller if it has a ground cable. 4-3/4 (120) < 1-25/32 Wrap the connector and remote controller cables with vinyl tape or some other type of insulation as shown in the figure. Remote controller $Hole \times 3$ Unit: in. (mm) **▲** CAUTION ① Install the remote controller wires so as not to be direct touched with your hand. ② Do not touch the remote controller PC board and PC board parts directly with your hands. . SETTING THE DIP SWITCHES [Example] Front case (back side) Set the remote controller DIP switches. OFF ON Set DIP switch 1 - NO.6 to ON. For the other switch, set it according to the situation. 1 2 🔳 3 🗖 5 • Do not use this DIP switch 2 DIP switch Switch state Detail NO. OFF ON Cannot be used. (Do not change) 1 Dual remote controller setting 2 *Refer to 2. DUAL REMOTE CONTROLLERS in 4 * INSTALLATION METHODS. ★ Follow the selection in Filter reset operation and filter display 3 Invalidity FUNCTION SETTING DIP switch 1 4 Cannot be used. (Do not change) * 5 Cannot be used. (Do not change) Memory backup setting *Set to ON to use batteries for the memory backup. If ★ Invalidity 6 Validity batteries are not used, all of the settings stored in memory will be deleted if there is a power failure. (★ Factory setting)

3	CONNECTION OF REMOTE CONTROLLER CABLE	4	
		1. GRC	
• Whe	en connecting the remote controller cable (cord) to the wall mounted type indoor unit, do not connect it to the door unit or the indoor unit power terminal block. It may cause a failure.	 A num using a Dependence 	ber of indoo
There are cable (co unit.	Some bination	for group co ed type indo functions ma	

Exclusive terminal block for remote controller connection method is different depending on each model. Modify the remote controller cable (cord) as per below description and connect it.

(For the details, refer to the installation manual of the indoor unit to be used.)

TROL

- or units can be operated at the same time ote controller.
- model some indoor units cannot be conontrol. (Option is not available for U.S.A. wall or unit.)
- ay become unusable, depending on the comdoor units that are connected in a group.

(1) Wiring method (indoor unit to remote controller)



1. WHEN CONNECTING TO THE WALL MOUNTED TYPE CONNECTOR

Connect the remote controller cable (cord) to the connecting cable (cord), and insert it to the connector.





⊨ 1 2 3 Remote controller cable (cord) Remote controller When ground wire is necessary (2) Indoor unit address setting Set each indoor unit address using the DIP switch of each indoor unit. (Refer to the installation manual for the indoor unit.) 2. DUAL REMOTE CONTROLLERS · Depending on the model, some indoor units cannot be connected for dual remote controllers. (Option is not available for U.S.A. wall mounted type indoor unit.) Indoor unit Two separate remote controllers can be used to operate the indoor units · The timer and self-diagnosis functions cannot be used on the Remote controller cable (cord) <u>-</u>123 slave units. When ground wire (1) Wiring method (indoor unit to remote controller) is necessary - -Ė \square 1 2 3 1 2 3 Master unit Slave unit Remote controller (2) Remote controller DIP switch 1 setting Master unit Slave unit Number of remote Set the remote controller DIP switch 1-No. 2 according to the DIP Switch 1-No. 2 DIP Switch 1-No. 2 controllers following table.

1 (Normal)

2 (Dual)

OFF

OFF

ON

INSTALLATION METHODS



7

Setting the Cooler	Room Temperat	ure Correction		8	SETTING THE ROOM TEMPERATURE DETECTION LOCATION
Depending on the ins shown in the table bel	stalled environment, th	ne room temperatu	re sensor may require a correction. The settings may be selected as	The deter best for th	ction location of the room temperature can be selected from the following two examples. Choose the detection location that is he installation location. (This function is not available for the wall mounted type indoor units)
Setting Description	Function Number	Setting Value		A. Indoo	r unit setting (factory setting)
Standard	20	★ 00		The roon	n temperature is detected by the indoor unit temperature
Lower control		01		sensor.	
		(★ Factory setting)		(1) When play f	the THERMO SENSOR button is pressed, the lock dis- ilashes because the function is locked at the factory.
Setting the Heater	Room Temperat	ure Correction			

TURNING ON THE POWER





FUNCTION SETTING

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· Depending on the installed environment, the room temperature sensor may require a correction. The settings may be changed as shown in the table below.

Setting Description	Function Number	Setting Value	
Standard		*	00
Lower control	31		01
Slightly warmer control			02
Warmer control			03

(★ Factory setting)

Setting Other Functions

• The following settings are also possible, depending on the operating conditions.

Auto Restart

Setting Description	Function Number	Setting Value		
Yes	40	*	00	
No	40		01	

(★ Factory setting)

Indoor Room Temperature Sensor Switching Function

Setting Description	Function Number	Setting Value	
No	40	*	00
Yes	42		01

(★ Factory setting)

• If setting value is "00", room temperature is controlled by the indoor unit temperature sensor.

• If setting value is "01", room temperature is controlled by either indoor unit temperature sensor or remote control unit sensor.

Setting record

· Record any changes to the settings in the following table.

Setting	Setting Value
Cooler room temperature correction	
Heater room temperature correction	
Auto restart	
Indoor room temperature sensor switching function	

After completing the FUNCTION SETTING, be sure to turn off the power and turn it on again.



B. Indoor unit/remote controller setting (room temperature sensor selection)

The temperature sensor of the indoor unit or the remote controller can be used to detect the room temperature. When use this function, set "Indoor Room Temperature Sensor Switching Function (Function Number:42)" of "7. FUNCTION SET-TING" to "Yes(01)".

- (1) Enable the room temperature sensor selection in FUNCTION SETTING, which will be described later.
- (2) Press the THERMO SENSOR button for 5 seconds or more to select the temperature sensor of the indoor unit or the remote controller.



1 NOTES

If the function to change the temperature sensor is used as shown in examples A (other than example B), be sure to lock the detection location. If the function is locked, the lock display on will flash when the THERMO SENSOR button is pressed.

