






# INSTALLATION MANUAL

GB

## Parts supplied with simplified remote controller

① Simplified remote controller	② Wood screws	③ Binding strap	④ Instruction manual	⑤ Installation manual
				

## Simplified remote controller installation guidelines

### Place of installation

- Mount the simplified remote controller at a height of 1 to 1.5 meters above the floor where it can sense the average temperature of the room.
- Do not mount the simplified remote controller in a place exposed to direct sunlight or a place exposed to outside air such as near a window.
- Do not mount the simplified remote controller behind an object so that it is separated from the air circulation of the room.
- Mount the simplified remote controller within the room being air conditioned.
- The simplified remote controller must be mounted on the wall or other surface vertically.

- < NOTE 1 > Do not twist the simplified remote controller wiring with the power wiring or run it in the same metal conduit, because this may cause malfunction.
- < NOTE 2 > Install the simplified remote controller away from sources of electrical noise.
- < NOTE 3 > Install a noise filter or take other appropriate action if electrical noise affects the power supply circuit of the unit.
- Use an electric junction box (supplied locally) (See Fig. 1) for flush mounting of the simplified remote controller.

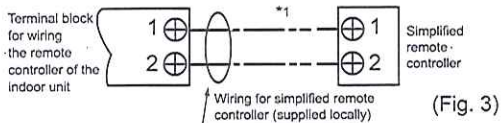
## How to install the simplified remote controller

### When used as embedded type

- Insert a screwdriver or the like in the groove on the lower side of the simplified remote controller body to pry off the back case. (See Fig. 2)
- After passing the simplified remote controller wiring through the conduit on the back case of the controller, secure it with the two screws (supplied locally). (See Fig. 1)  
< NOTE > Do not apply excessive strain to the back case when securing it. Deformation of the back case may result in the remote controller falling off.
- Connect the simplified remote controller wiring to the simplified remote controller main unit. (See "How to wire the simplified remote controller".)  
When connecting the locally supplied 2 core lead wires to the terminal block, check the terminal numbers in the indoor unit to make sure that the wires are correctly connected. (See Fig. 3) (The simplified remote controller is damaged if 220 / 240 V AC is applied.)
- Fit the simplified remote controller to the tabs of the back case and mount it.

## How to wire the simplified remote controller

### Connection diagram



(Fig. 3)

\*1: Use 0.5 mm<sup>2</sup> to 1.25 mm<sup>2</sup> stranded wires.

### When used as exposed type

- This step is the same as step 1 for the embedded type.
- Because the simplified remote controller wiring exits the back case (thin part in upper central area), use a nipper or the like to cut out the part to fit the thickness of the simplified remote controller wiring. (See Fig. 4)
- Referring to Fig. 5, connect the controller wiring to the main unit, and then attach the binding strap (supplied ③).
- Place the controller wiring in the groove, and then adjust the wiring so that the binding strap attached in step 3 can be stored inside the simplified remote controller.
- Secure the back case to the wall with the wood screws (supplied ②). (See Fig. 6)  
< NOTE > Do not apply excessive strain to the back case when securing it. Deformation of the back case may result in the remote controller falling off.
- This step is the same as step 4 for the embedded type.

## Guidelines for using 2 simplified remote controllers

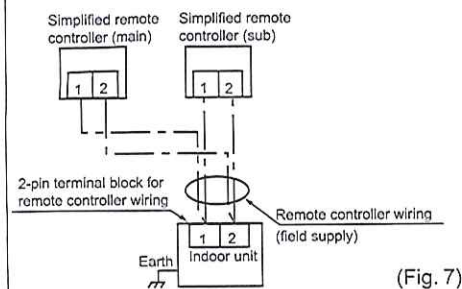
This multiple remote controller system controls 1 to 8 indoor units with 2 simplified remote controllers.

### Set-up procedure

- One of the 2 simplified remote controllers should be set as main controller.
- For the rest, see the "Remote controller setting mode" section and set up Sub.

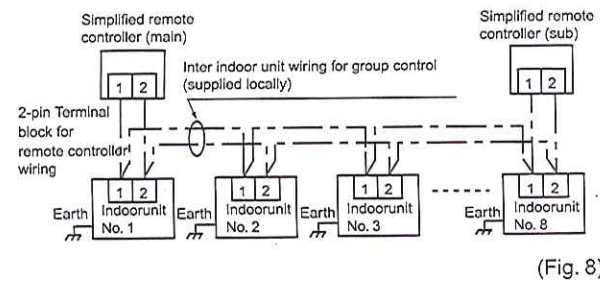
## Basic wiring diagram

- Note: Make sure to connect the wires correctly or the unit may be damaged. (See Fig. 7)
- Following is a wiring diagram for controlling 1 indoor unit by 2 simplified remote controllers.



(Fig. 7)








- Performing group control of the multiple indoor units with 2 simplified remote controllers.
- The main and the sub simplified remote controllers can be installed at any indoor unit for operations.




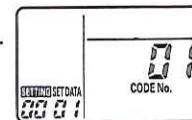
(Fig. 8)

## Remote controller setting mode

Use the following method to perform simplified remote controller Main/Sub setting and RCU.CK switching.

- Press both  and  buttons on the remote controller for more than 4 seconds together.
- Use  button to select an item code, and then use  button to confirm.
- Change DATA with  buttons.
- Press . Finally, press .











- To go back one step, press .
- DATA is memorized in the RCU.
- (DATA setting will not be changed even when the power is turned off.)
- Make sure to set [Normal] for RCU. CK.



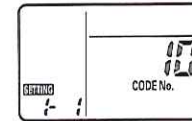
CODE ITEM	ITEM	DATA	
		00 00	00 0 1
01	RCU. Main/Sub	Sub	Main
08	RCU. CK	RCU. CK	Normal

## Indoor unit setting mode

Use the following method to switch sensor or temperature unit (Celsius/Fahrenheit).








- Press  +  +  buttons on the remote controller for more than 4 seconds together.
- Use  button to select a unit, and then use  button to confirm.
- Use  button to select an item code, and then use  button to confirm.
- Change DATA with  buttons.
- Press . Finally, press .

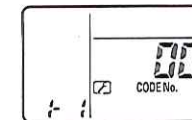
- To go back one step, press .
- DATA is memorized in the indoor unit.
- (DATA setting will not be changed even when the power is turned off.)








CODE	ITEM	DATA	
		00 00	00 0 1
32	Room temperature sensor	Main unit	RCU
33	Temperature unit	°C	°F

## To display the sensor temperature:

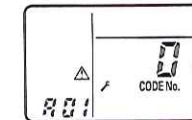
- Press both  and  buttons on the remote controller for more than 4 seconds together.
- Use  button to select a unit, and then use  button to confirm.
- Change the sensor address (CODE No.) with  buttons.
- Press the  button to finish service mode.
- To go back one step, press .








## To display the trouble history:

- Press both  and  buttons on the remote controller for more than 4 seconds together.
- Change the alarm message:  buttons
- Press the  button to finish service mode.
- To clear the trouble history, press .

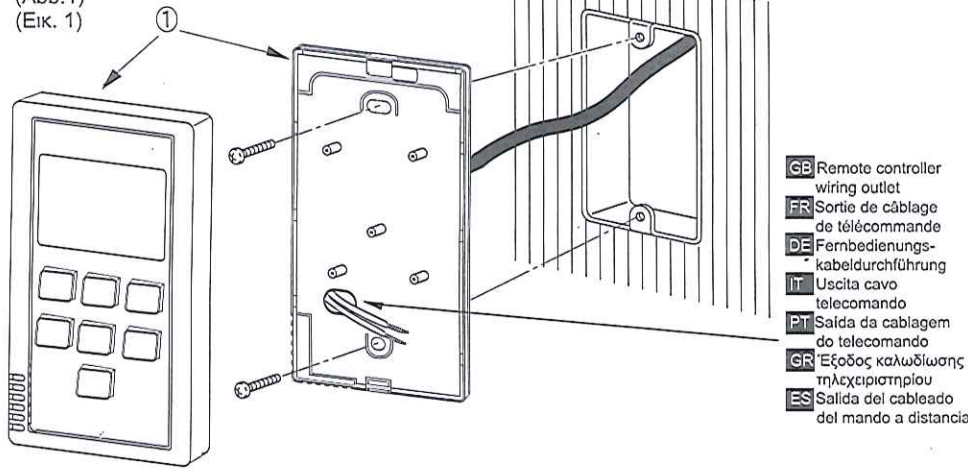
CODE No. 01 → 04  
(New) (Old)



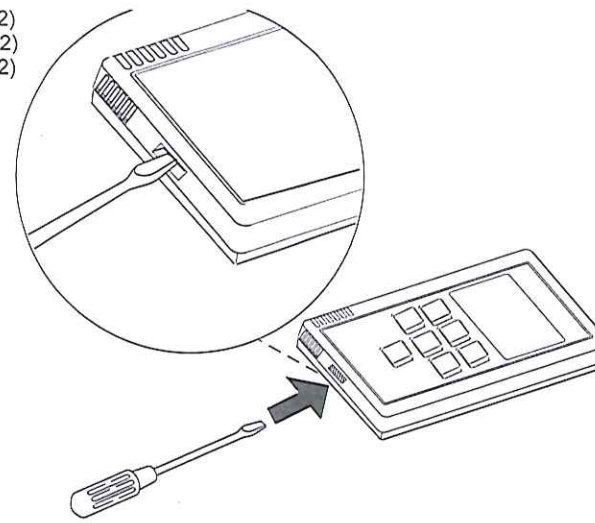
## Test run setting

- Press both  and  buttons on the remote controller for more than 4 seconds together, and then press  (ON/OFF) button.
- "TEST" will appear on the crystal display during test run.
- During test run, temperature cannot be adjusted. This button should be used only for test run.
- Perform test run in any operation mode of "heat", "cool" or "fan".
- Note: The outdoor unit does not operate for 3 minutes after stopping operation or turning on the unit.
- After test run is finished, press both  and  buttons again for more than 4 seconds together, and then make sure "TEST" goes

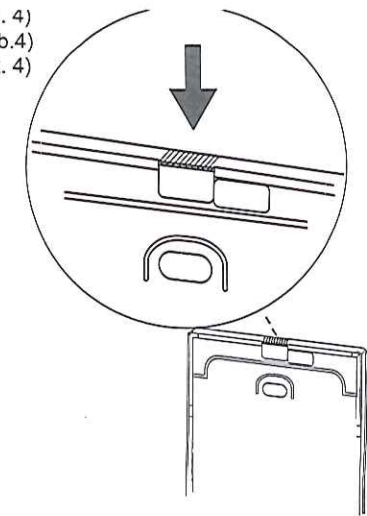
(Fig. 1)  
(Abb.1)  
(Eik. 1)



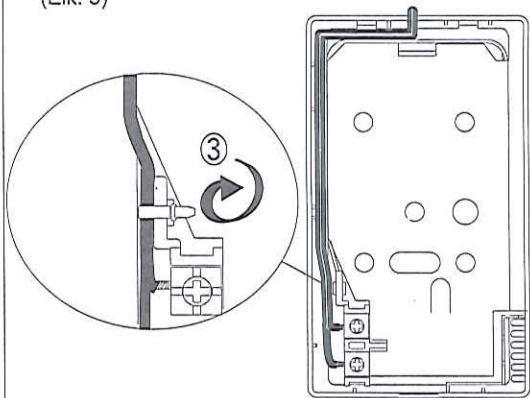
(Fig. 2)  
(Abb.2)  
(Eik. 2)



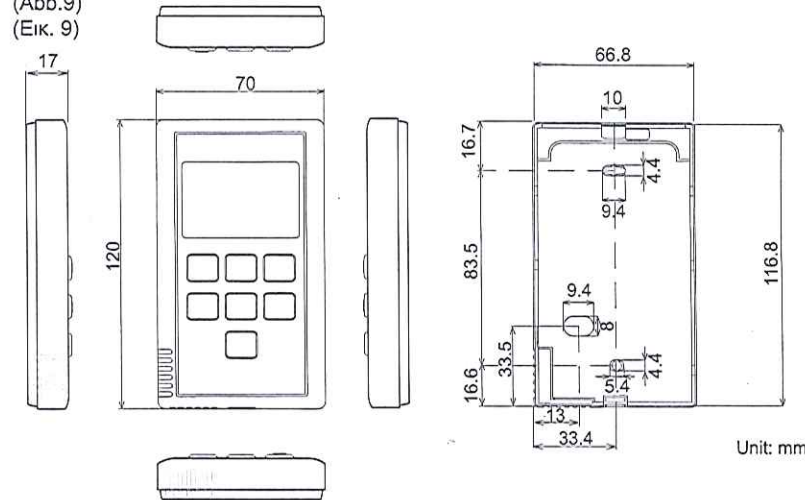
(Fig. 4)  
(Abb.4)  
(Eik. 4)



(Fig. 5)  
(Abb.5)  
(Eik. 5)



(Fig. 9)  
(Abb.9)  
(Eik. 9)



Caution when installing the remote controller (See Fig. 9)

- \*1 Install the remote controller more than 70 mm apart from the wall surface.
- \*2 To install the remote controllers side-by-side, keep the space between each for more than 75 mm.
- \*3 To install the remote controllers one above the other, keep the space between each for more than 25 mm.

Précautions à l'installation de la télécommande (Voir Fig. 9)

- \*1 Installer la télécommande à plus de 70 mm de la surface du mur.
- \*2 A l'installation des télécommandes côte à côte, maintenir un espace de plus de 75 mm entre elles.
- \*3 A l'installation des télécommandes l'une sur l'autre, maintenir un espace de plus de 25 mm entre elles.

Vorsichtsmaßnahmen bei der Installation der Fernbedienung (siehe Abb. 9)

- \*1 Halten Sie bei der Installation der Fernbedienung mindestens 70 mm Abstand von der Wandoberfläche.
- \*2 Wenn Sie die Fernbedienungen nebeneinander installieren möchten, halten Sie zwischen ihnen mindestens einen Abstand von 75 mm.
- \*3 Wenn Sie die Fernbedienungen übereinander installieren möchten, halten Sie zwischen Ihnen mindestens einen Abstand von 25 mm.

Precauzioni durante l'installazione del telecomando (figura 9)

- \*1 Installare il telecomando ad una distanza di oltre 70 mm dalla superficie della parete.
- \*2 Per installare i telecomandi uno accanto all'altro, posizionarli ad una distanza di oltre 75 mm l'uno dall'altro.
- \*3 Per installare i telecomandi uno sopra l'altro, posizionarli ad una distanza di oltre 25 mm l'uno dall'altro.

Atenção ao instalar o controlo remoto (Veja a Fig. 9)

- \*1 Instale o controlo remoto afastado mais de 70 mm da superfície da parede.
- \*2 Para instalar os controlos remotos lado a lado, mantenha um espaço de intervalo entre eles superior a 75 mm.
- \*3 Para instalar os controlos remotos um por cima do outro, mantenha um espaço de intervalo entre eles superior a 25 mm.

Προσοχή κατά την εγκατάσταση της συσκευής τηλεχειρισμού (Βλ. Εικ. 9)

- \*1 Εγκαταστήστε τη συσκευή τηλεχειρισμού σε απόσταση μεγαλύτερη των 70 mm από την επιφάνεια του τοίχου.
- \*2 Για να εγκαταστήσετε τις συσκευές τηλεχειρισμού την μία δίπλα στην άλλη, διατηρήστε μεταξύ τους απόσταση μεγαλύτερη από 75 mm.
- \*3 Για να εγκαταστήσετε τις συσκευές τηλεχειρισμού την μία επάνω από την άλλη, διατηρήστε μεταξύ τους απόσταση μεγαλύτερη από 25 mm.

Precauciones al instalar el controlador remoto (Consulte la Fig. 9)

- \*1 Instale el controlador remoto a una distancia superior a 70 mm de la superficie de la pared.
- \*2 Para instalar controladores remotos uno al lado del otro, mantenga el espacio entre cada uno de ellos a más de 75 mm.
- \*3 Para instalar controladores remotos uno encima de otro, mantenga el espacio entre cada uno de ellos a más de 25 mm.

(Fig. 6)  
(Abb.6)  
(Eik. 6)

