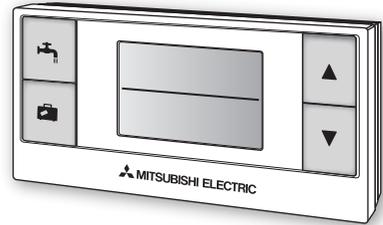


# ATW Wireless Remote Controller PAR-WT40R-E



## Operation Manual

FOR USER

For safe and correct use, please read this operation manual thoroughly before operating the PAR-WT40R-E wireless remote controller.

## Bedienungsanleitung

FÜR NUTZER

Lesen Sie sich zur sicheren und korrekten Verwendung diese Bedienungsanleitung bitte sorgfältig durch, bevor Sie die drahtlose Fernbedienung PAR-WT40R-E verwenden.

## Mode d'emploi

POUR LES UTILISATEURS

Pour garantir une utilisation sûre et appropriée, lisez attentivement le présent mode d'emploi avant d'utiliser la télécommande sans fil PAR-WT40R-E.

## Handleiding

VOOR DE GEBRUIKER

Voor een veilig en juist gebruik moet u deze handleiding goed doorlezen alvorens de PAR-WT40R-E draadloze afstandsbediening in gebruik te nemen.

## Manual de instrucciones

PARA EL USUARIO

Para un uso correcto y seguro del control remoto inalámbrico PAR-WT40R-E, lea este manual de instrucciones antes de su utilización.

## Manuale di funzionamento

PER L'UTENTE

Per un uso corretto e sicuro del dispositivo, leggere attentamente il presente manuale di funzionamento prima di utilizzare il comando remoto senza fili PAR-WT40R-E.

## Manual de Funcionamento

PARA O UTILIZADOR

Para uma utilização segura e correcta, é favor ler cuidadosamente este manual de funcionamento antes de trabalhar com o controlador remoto sem fios PAR-WT40R-E.

## Brugsvejledning

TIL BRUGER

Læs venligst denne brugsvejledning grundigt inden betjening af den trådløse fjernbetjening PAR-WT40R-E af hensyn til sikker og korrekt brug.

## Användarmanual

FÖR ANVÄNDAREN

För säker och korrekt användning, var god läs denna användarmanual noggrant innan du använder PAR-WT40R-E-fjärrkontrollen.

## Bruksanvisning

FOR BRUKEREN

Les denne bruksanvisningen nøye før du bruker PAR-WT40R-E-fjernkontrollen i bruk, for å sikre trygg og riktig bruk.

## Käyttöopas

KÄYTTÄJÄLLE

Turvallisen ja asianmukaisen käytön varmistamiseksi lue tämä käyttöopas huolellisesti ennen langattoman PAR-WT40R-E-kaukosäätimen käyttöä.

English

Deutsch

Français

Nederlands

Español

Italiano

Português

Dansk

Svenska

Norsk

Suomi

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# 1 Safety Precautions

## Read thoroughly the following Safety Precautions before use.

- The following hazardous classification shows the likelihood and severity of hazards if a person does not follow the instructions contained on the following signs.

 <b>Warning</b>	Indicates a hazardous situation which, if a person does not follow the instructions, could result in death or serious injury.
 <b>Caution</b>	Indicates a potentially hazardous situation that, if a person does not follow the instructions, may result in bodily injury or property damage.

- Always keep this instruction manual ready at hand for quick reference. Provide this manual to the technician or installer in the event that the device is transferred or repaired. Or, if the ownership changes, hand this manual to the next owner.

## Warning

Check installation of the device.	Ensure that the device is installed on a rigid and stable place to prevent the device from falling.
The device must not be modified or repaired by the user.	Modification or improper repair could cause electrical shock or fire and the like. For repair, contact the dealer where you purchased the device.
Stop operation when the device is malfunctioning.	Operating the malfunctioning device without repairing it could cause breakdown, electrical shock, fire or the like. Should anything abnormal, such as burning smell, occur, stop operation immediately, turn off power, and contact the dealer.
The device must not be disposed of by the user.	To dispose of the device, contact the dealer.
Do not short out or insert alkaline batteries with polarity reversed. Also, do not disassemble, heat, or throw batteries in fire.	Strong alkaline electrolyte that leaks could get into your eye, or explode, or generate heat. Injury, burns, or breakdown of the device could result. Should strong alkaline electrolyte come in contact with the skin or clothes, flush electrolyte with clean water. For the electrolyte that gets into your eye, flush with clean water and seek medical attention immediately.

## ⚠ Caution

Do not drop the device.	This could break the case or affect the device enough to make it inoperable.
Do not wipe the device with benzine, thinner, and a chemical impregnated cloth or the like.	Discoloration and damage to the device could result. If the dirt is hard to remove, wipe it with a well wrung-out cloth with diluted mild detergent, and dry moisture with a dry cloth.
Do not put hazardous materials around the device.	Avoid installing the device in the place where inflammable gas may leak. Should leaked gas build up around the device, fire or explosion could result.
Do not disassemble the device.	Direct contact with the control board inside is hazardous and also could result in fire, breakdown, and reduction in operating performance.
Do not use the device in particular environments.	Do not use the device in particular environments where the following substances are present in large amounts: oil, vapour, organic solvent, corrosive gas (such as ammonia, sulphuric compounds, and acid or the like) , or where acid or alkali solution, or particular sprays are used frequently. This could affect operating performance, or cause corrosion which could result in electrical shock, breakdown, smoke generation, or fire. (e.g. around kitchen sink, gas cooker, bath room, wash stand or the like)
Do not use sharp objects to press the buttons.	Electric shock or breakdown may result.
Do not wash the device with water or solution or the like.	Electric shock or breakdown may result.
Do not touch the device with wet hands.	Electric shock or breakdown may result.
Always observe the operating temperature and humidity requirements.	Always observe the operating temperature and humidity requirements. Otherwise severe damage to the device could result. For more details, refer to the specification table in this manual.
<p>Observe the following to handle batteries properly, which otherwise could result in explosion, leakage of electrolytic liquid, or heat generation.</p> <ol style="list-style-type: none"> <li>1) Do not charge the batteries.</li> <li>2) Place the batteries with correct polarities.</li> <li>3) Do not mix up new and old batteries or different types of batteries.</li> <li>4) When the batteries have run out, remove them from the device immediately.</li> </ol>	

### ■ Disposal



**This symbol mark is for EU countries only.**

**This symbol mark is according to the directive 2002/96/EC Article 10 Information for users and Annex IV, and/or to the directive 2006/66/EC Article 20 Information for end-users and Annex II.**

Your MITSUBISHI ELECTRIC product is designed and manufactured with high quality materials and components which can be recycled and/or reused. This symbol means that electrical and electronic equipment, batteries and accumulators, at their end-of-life, should be disposed of separately from your household waste. If a chemical symbol is printed beneath the symbol, this chemical symbol means that the battery or accumulator contains a heavy metal at a certain concentration.

This will be indicated as follows: Hg: mercury (0.0005%), Cd: cadmium (0.002 %), Pb: lead (0.004%)

In the European Union there are separate collection systems for used electrical and electronic products, batteries and accumulators.

Please, dispose of this equipment, batteries and accumulators correctly at your local community waste collection/recycling centre.

Please, help us to conserve the environment we live in!

## 2 Summary of Product Characteristics

This device is a wireless remote controller system that wirelessly transmits to the indoor unit\* at a frequency of 868 MHz. The wireless remote controller allows the following settings without ever leaving your room: room temperature setting, forced DHW mode, and holiday mode.

Following are the features of the wireless remote controller:

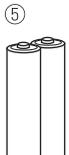
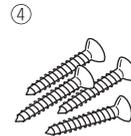
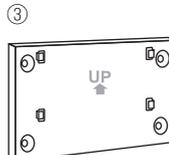
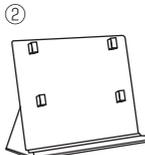
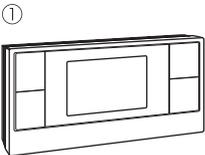
- Control on individual room temperatures by reference to the temperature monitored in the specified room.
- Up to 8 wireless remote controllers connectable.
- Holiday mode settings for up to 72 hours on hourly basis.
- Large switch and LCD screen that facilitate usability and legibility.
- Floor-to-floor wireless transmission, such as from the 1st basement to 1st floor level.

\* Each wireless remote controller requires pairing to avoid improper transmission with the unrelated wireless devices. If the wireless remote controller does not go through a pairing process, wireless transmission between the wireless remote controller and the wireless receiver does not work. For more details about pairing, contact the technician or installer.

### ■ Included parts

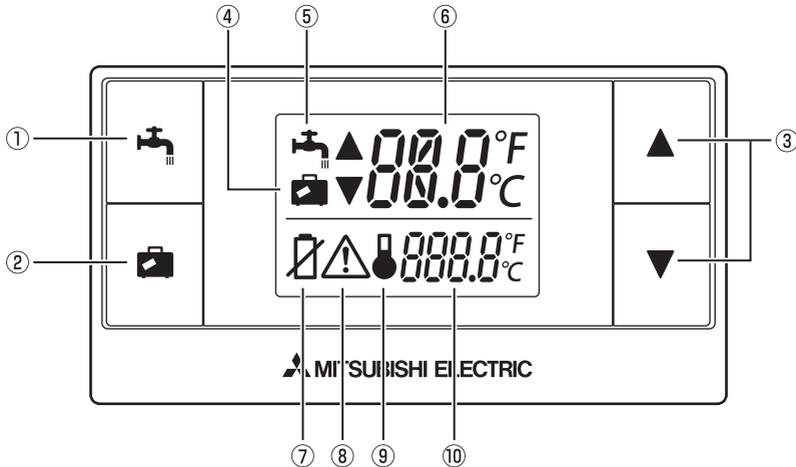
The following items are included in the box.

Part name	Nos.
① Wireless remote controller	1
② Stand	1
③ Bracket	1
④ Flat head screw 4.1 × 16	4
⑤ Size AA alkaline battery	2
⑥ Instruction manual	1



### 3 Names of Parts and Functions

#### ■ Wireless remote controller buttons/displays



The following explains each button and operation.

\*All the items are shown above for the purpose of explanation.

Number	Name	Operation
①	Forced DHW button	Sets the indoor unit to enter the forced DHW mode.
②	Holiday button	Sets the indoor unit to enter the holiday mode.
③	Up / Down button	Makes adjustments of the room temperatures and sets duration time in the holiday mode.
④	Holiday indicator	Indicates that the indoor unit enters the holiday mode.
⑤	DHW indicator	Indicates that the indoor unit enters the forced DHW mode.
⑥	Set temp. display	Displays the set temperature when heating or cooling.
⑦	Battery replacement indicator	Indicates when to replace batteries.
⑧	Error indicator	Indicates a failure or error on the indoor unit, such as a communication error.
⑨	Target room indicator	The internal temperature sensor in this wireless remote controller monitors the room temperature, which is referred to in order to control individual room temperatures.
⑩	Room temperature display	Displays the room temperature measured by the wireless remote controller.

## 4 Before Operation

Remove the battery case cover before placing the wireless remote controller, and place two size AA alkaline batteries properly.

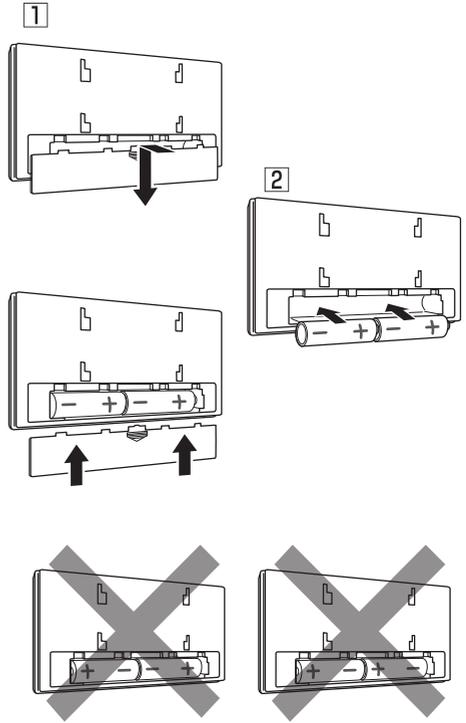
\* When the wireless remote controller is not paired, it has to go through a pairing process. For details about pairing, contact the technician or installer.

### ■ Batteries

- Lighting of the battery life indicator indicates that the batteries are running out. Replace them with two new size AA alkaline batteries.
- Do not use Ni-Cd rechargeable batteries.
- The size AA alkaline batteries used on the wireless remote controller last for about 1 year .
- When not using the wireless remote controller for long periods of time, have the batteries removed.

#### ⚠ Caution

Always place batteries with correct polarities as indicated in the battery case.

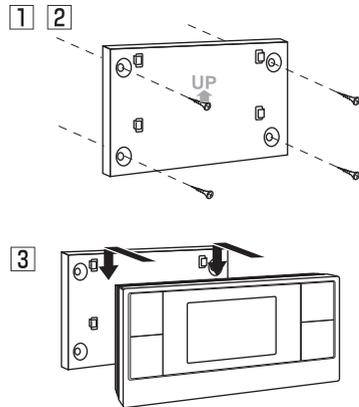


### ■ Installation

The wireless remote controller has two methods of installation, using an included bracket or stand.

#### << Using a bracket >>

- 1 Determine the positions for installing the wireless remote controller.
- 2 Fix the bracket with the included flat head screws.
- 3 Mount the wireless remote controller onto the bracket.

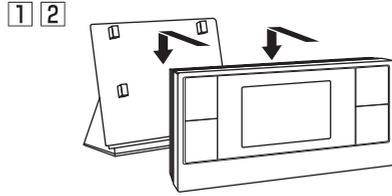


#### Note)

- Avoid over-tightening the screws, which may break or deform the bracket.
- To enhance stability, use all the four screws to secure the bracket.

## <<Using a stand >>

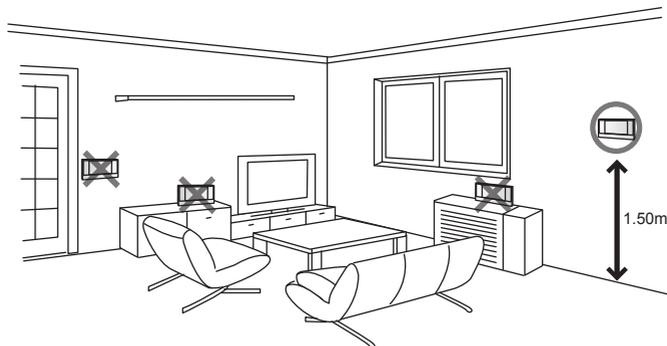
- 1 Place the wireless remote controller on the stand.
- 2 Place the stand at the following locations.



## ■ Locations to place the wireless remote controllers

Observe the following when determining the installing locations.

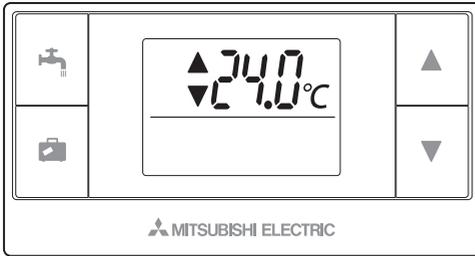
- Do not place any other electric or electronic appliances within 1 m of the wireless remote controller. (E.g. radio, television, PC, mobile phone or the like.)
- Do not place the wireless remote controller on a metal rack or the like.
- Always place the wireless remote controller 1.5 m or higher from the floor.
- Do not place the wireless remote controller in the periphery of a door or a window.
- Do not place the wireless remote controller near heat or cold sources, such as a radiator or the like.
- A thermistor is incorporated in the wireless remote controller. If the thermistor is set to be used for controlling the room temperature and the wireless remote controller is placed in an improper location, the desired temperature may not be obtained, so select the location to place the wireless remote controller with great care.



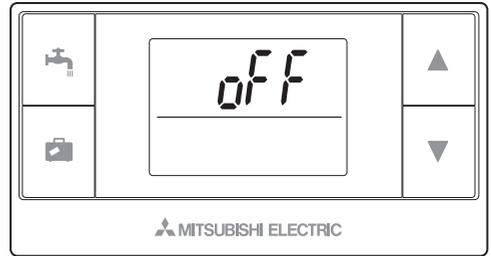
## 5 Basic Functions

The following explains the basic functions operable using the wireless remote controller.

<Main system ON>



<Main system OFF>



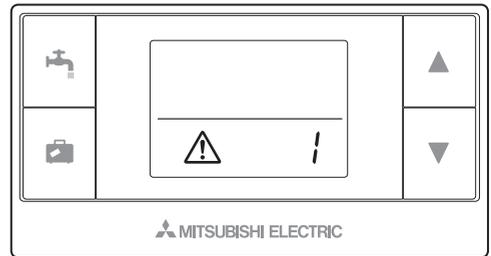
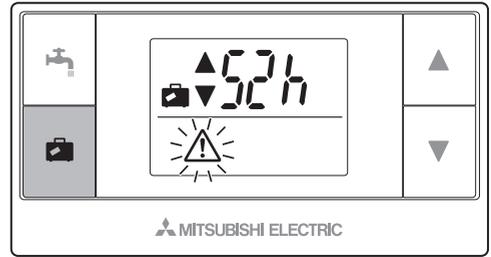
Note)

### (1) Communication error

When the error indicator blinks during operation of the wireless remote controller, this indicates a communication error. Please repeat the same procedure.

### (2) Failure or error on the indoor unit, the outdoor unit, or the wireless system

When the indicator lights all the time, this represents a failure (or error) on the indoor unit, the outdoor unit, or the wireless system. Contact the technician or installer.



### 5.1. Changing Set Temperature

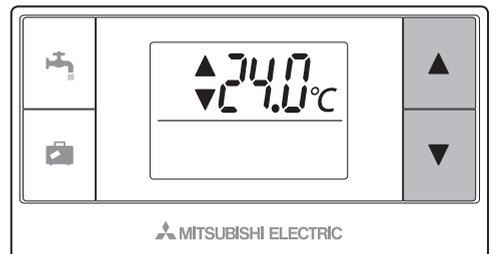
To increase set temperature

: Press the ▲ button.

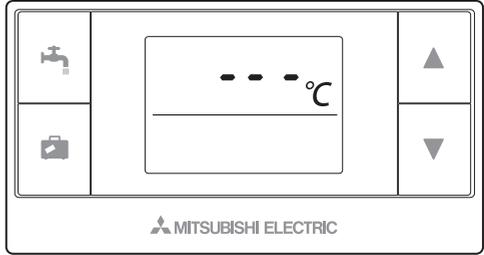
To decrease set temperature

: Press the ▼ button.

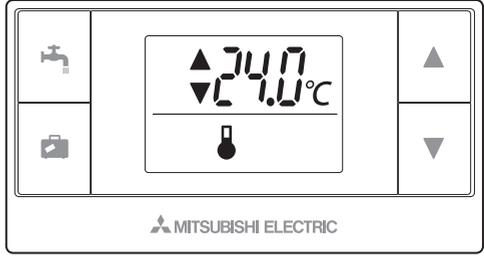
- Each press of the button adjusts the set temperature by 1°C.
- The set temperature ranges from 10 to 30°C.



\* When the indoor unit enters an operating mode that disables temperature setting, the set temp. display shows “ --- °C”. In that case, the ▲ and ▼ buttons are not active, so the set temperature can not be changed.



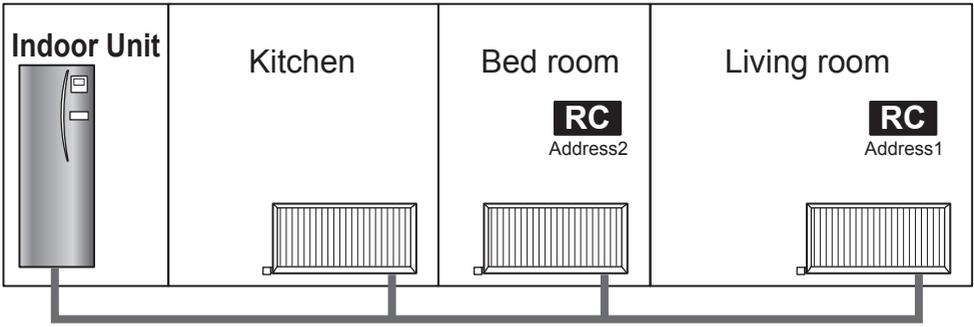
When the 🌡️ indicator lights, this indicates that the wireless remote controller is set as that of a target room.



<<What's target room?>>

- The indoor unit controls the temperatures, by reference to the temperature in a target room.
- The target room can be fixed or changed according to time, using a schedule function.
- The number of rooms that can be set to as a target room is always limited to one.

When setting a target room, use the main controller.

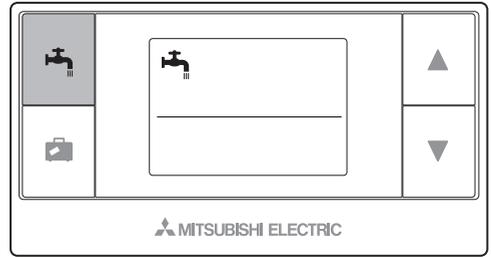


\* The above figure shows the examples when the living room is set as a target room RC 1 (wireless remote controller 1) , and when the bed room is set as a target room RC 2 (wireless remote controller 2) .

## 5.2. Setting Forced DHW

Holding down the  button for 3 seconds or more to set the indoor unit to enter the forced DHW mode.

When the forced DHW mode ends, the  indicator goes out.



Note)

When the  indicator blinks after the button is held down for 3 seconds or more, this indicates that the indoor unit that you use does not support this function.

## 5.3. Setting Holiday Mode

The holiday mode sets the indoor unit to enter the holiday mode.

- The holiday mode sets duration operation for up to 72 hours or no-time-limit operation (displayed as “--h”).
- The duration is adjusted by 1 hour.

### <<Setting>>

① Hold down the  button for 3 seconds or more. The  indicator blinks.

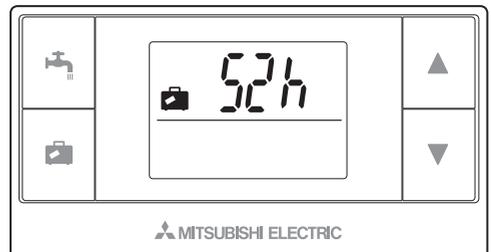
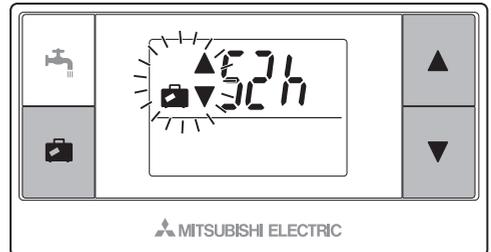
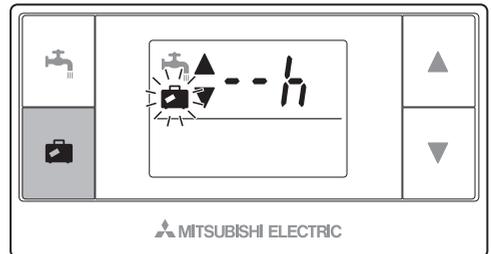
② Press the  or  button to adjust the duration, and press the  button to save the setting. When the set duration shows “--h”, this indicates no time limit operation is set.

When transmission starts, the ,  and  indicators blink.

③ The  indicator stops blinking to complete the setting.

### <<Cancelling>>

To cancel the mode, hold down the  button for 3 seconds or more while the indoor unit is operating in the holiday mode.



## 6 Specifications

Item	Description
Power source	3V DC (size AA alkaline battery × 2)
Operating temperature and humidity requirements	Temperatures: 0 to 40°C Humidities: 30 to 90%RH (no condensation)
Net weight	0.20 kg (batteries excluded)
Dimension (W × H × D)	140 mm × 75 mm × 18 mm
Holiday mode setting unit	1 hour
Display	LCD digital screen

## 7 Q & A

Fault symptom	Possible cause	Solution
The LCD displays nothing.	No batteries are placed.	Ensure that the batteries are placed in the battery case and no foreign objects are caught between the terminals.
	Batteries are placed incorrectly.	Check whether the batteries are placed with correct polarities as shown in the battery case.
	Batteries are running out.	Replace with new batteries.
The battery replacement indicator lights.	The batteries are running out, and need replacement.	Replace with new batteries.
The LCD displays "OFF".	The main system is off.	Through the main controller, turn on the main system again.
The wireless remote controller does not transmit to the indoor unit successfully.	Batteries are running out.	Replace with new batteries
	Signal is weak.	While repositioning the wireless remote controller slightly, operate the wireless remote controller.
	Failure or error on the indoor unit, the outdoor unit, or the wireless system.	Contact the technician or installer.
The LCD displays an error indication all the time.	Failure or error on the indoor unit, the outdoor unit, or the wireless system.	Contact the technician or installer.
The desired room temperature is not obtained.	Batteries are running out.	Replace with new batteries.
	The wireless remote controller is placed in an improper location.	By reference to "■Locations to place the wireless remote controllers" in "4. Before Operation" in this manual, reposition the wireless remote controller.
	The wireless remote controller is not set as that of a target room.	Contact the technician or installer.
	Other	Contact the technician or installer.

This product is designed and intended for use in the residential,  
commercial and light-industrial environment.

The product at hand is  
based on the following  
EU regulations:

- Low Voltage Directive 2006/95/EC
- Electromagnetic Compatibility Directive  
2004/108/EC
- R&TTE Directive 1999/5/EC

Please be sure to put the contact address/telephone number on  
this manual before handing it to the customer.



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