HITACHI
Inspire the Next

WIRELESS REMOTE CONTROLLER

MODEL
SPX-RCK2
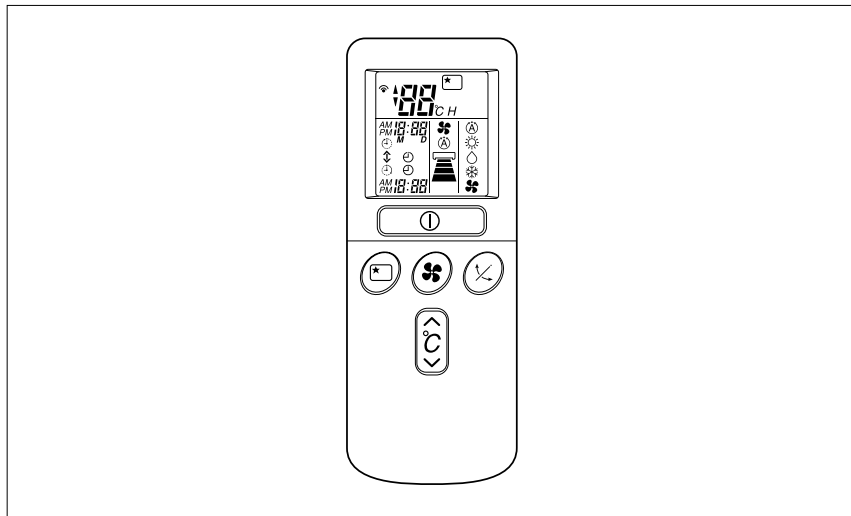
ENGLISH

DEUTSCH

FRANÇAIS

ITALIANO

ESPAÑOL

PORTUGUÊS

Ελληνικά

РУССКИЙ

PRECAUTIONS FOR USE

- It is not recommended to use both Wireless Remote Controller and Wired Remote Controller at the same time.

- When use this Wireless Remote Controller to replace the Wired Remote Controller, the Auto Swing Control ⓥ shall not function since the air deflector is not available in the indoor unit.
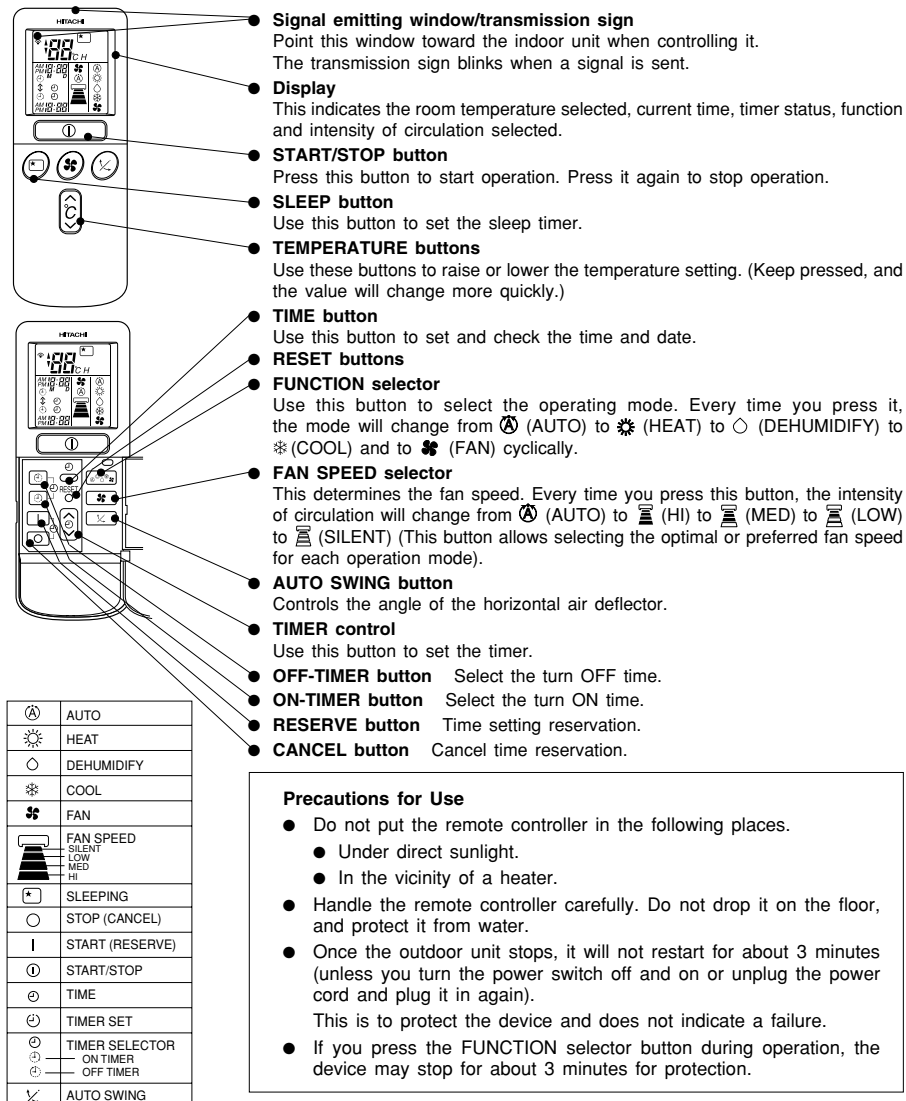
– 2 –

NAMES AND FUNCTIONS OF REMOTE CONTROL UNIT

REMOTE CONTROLLER
- This controls the operation of the indoor unit. The range of control is about 7 meters. If indoor lighting is controlled electronically, the range of control may be shorter.
  This unit can be fixed on a wall using the fixture provided. Before fixing it, make sure the indoor unit can be controlled from the remote controller.
- Handle the remote controller with care. Dropping it or getting it wet may compromise its signal transmission capability.
- After new batteries are inserted into the remote controller, the unit will initially require approximately 10 seconds to respond to commands and operate.

- **Signal emitting window/transmission sign**
  Point this window toward the indoor unit when controlling it.
  The transmission sign blinks when a signal is sent.

- **Display**
  This indicates the room temperature selected, current time, timer status, function and intensity of circulation selected.

- **START/STOP button**
  Press this button to start operation. Press it again to stop operation.

- **SLEEP button**
  Use this button to set the sleep timer.

- **TEMPERATURE buttons**
  Use these buttons to raise or lower the temperature setting. (Keep pressed, and the value will change more quickly.)

- **TIME button**
  Use this button to set and check the time and date.

- **RESET buttons**

- **FUNCTION selector**
  Use this button to select the operating mode. Every time you press it, the mode will change from Ⓐ (AUTO) to ☼ (HEAT) to ◯ (DEHUMIDIFY) to ❄ (COOL) and to ❅ (FAN) cyclically.

- **FAN SPEED selector**
  This determines the fan speed. Every time you press this button, the intensity of circulation will change from Ⓐ (AUTO) to ☰ (HI) to ☰ (MED) to ☰ (LOW) to ☰ (SILENT) (This button allows selecting the optimal or preferred fan speed for each operation mode).

- **AUTO SWING button**
  Controls the angle of the horizontal air deflector.

- **TIMER control**
  Use this button to set the timer.

- **OFF-TIMER button**   Select the turn OFF time.
- **ON-TIMER button**   Select the turn ON time.
- **RESERVE button**   Time setting reservation.
- **CANCEL button**   Cancel time reservation.

Ⓐ	AUTO
☼	HEAT
◯	DEHUMIDIFY
❄	COOL
❅	FAN
☰	FAN SPEED SILENT LOW MED HI
☀	SLEEPING
◯	STOP (CANCEL)
I	START (RESERVE)
①	START/STOP
⊘	TIME
⊙	TIMER SET
⊕ ⊘	TIMER SELECTOR — ON TIMER — OFF TIMER
⤢	AUTO SWING

Precautions for Use
- Do not put the remote controller in the following places.
  - Under direct sunlight.
  - In the vicinity of a heater.
- Handle the remote controller carefully. Do not drop it on the floor, and protect it from water.
- Once the outdoor unit stops, it will not restart for about 3 minutes (unless you turn the power switch off and on or unplug the power cord and plug it in again).
  This is to protect the device and does not indicate a failure.
- If you press the FUNCTION selector button during operation, the device may stop for about 3 minutes for protection.

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VARIOUS FUNCTIONS

■ Auto Restart Control

- If there is a power failure, operation will be automatically restarted when the power is resumed with previous operation mode and airflow direction.
  (As the operation is not stopped by remote controller.)
- If you intend not to continue the operation when the power is resumed, switch off the power supply.
  When you switch on the circuit breaker, the operation will be automatically restarted with previous operation mode and airflow direction.
  Note: 1. If you do not require Auto Restart Control, please consult your sales agent or OFF by remote control.
     2. Auto Restart Control is not available when Timer or Sleep Timer mode is set.

AUTOMATIC OPERATION

The device will automatically determine the mode of operation, HEAT, COOL or DEHUMIDIFY depending on the current room temperature. The selected mode of operation will change when the room temperature varies. However the mode of operation will not change when indoor unit connected to multi type outdoor unit.

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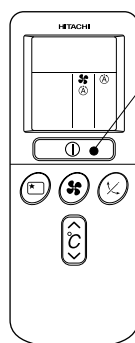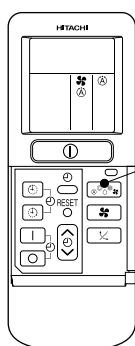
Press the FUNCTION selector so that the display indicates the Ⓐ (AUTO) mode of operation.

- When AUTO has been selected, the device will automatically determine the mode of operation, HEAT, COOL or DEHUMIDIFY depending on the current room temperature. However the mode of operation will not change when indoor unit connected to multi type outdoor unit.
- If the mode automatically selected by the unit is not satisfactory, manually change the mode setting (heat, dehumidify, cool or fan).

START STOP

Press the ① (START/STOP) button.
Operation starts with a beep.
Press the button again to stop operation.

■ As the settings are stored in memory in the remote controller, you only have to press the ① (START/STOP) button next time.

You can raise or lower the temperature setting as necessary by maximum of 3°C.

Press the temperature button and the temperature setting will change by 1°C each time.
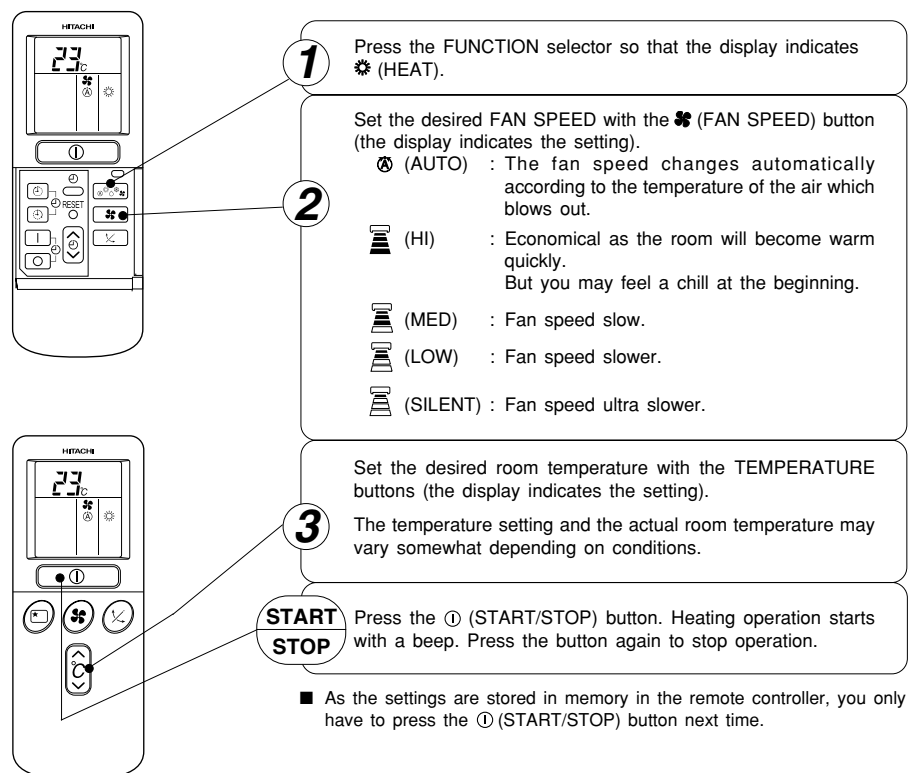
- The preset temperature and the actual room temperature may vary somewhat depending on conditions.
- The display does not indicate the preset temperature in the AUTO mode. If you change the setting, the indoor unit will produce a beep.

Press the ❄ (FAN SPEED) button, AUTO, LOW and SILENT is available.

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HEATING OPERATION

● Use the device for heating when the outdoor temperature is under 21°C.
  When it is too warm (over 21°C), the heating function may not work in order to protect the device.
● In order to keep reliability of the device, please use this device above -15°C of the outdoor temperature.

1 Press the FUNCTION selector so that the display indicates ☼ (HEAT).

2 Set the desired FAN SPEED with the ❄ (FAN SPEED) button (the display indicates the setting).

Ⓐ (AUTO) : The fan speed changes automatically according to the temperature of the air which blows out.

☰ (HI) : Economical as the room will become warm quickly.
But you may feel a chill at the beginning.

☰ (MED) : Fan speed slow.

☰ (LOW) : Fan speed slower.

☰ (SILENT) : Fan speed ultra slower.

3 Set the desired room temperature with the TEMPERATURE buttons (the display indicates the setting).

The temperature setting and the actual room temperature may vary somewhat depending on conditions.

START STOP Press the ① (START/STOP) button. Heating operation starts with a beep. Press the button again to stop operation.
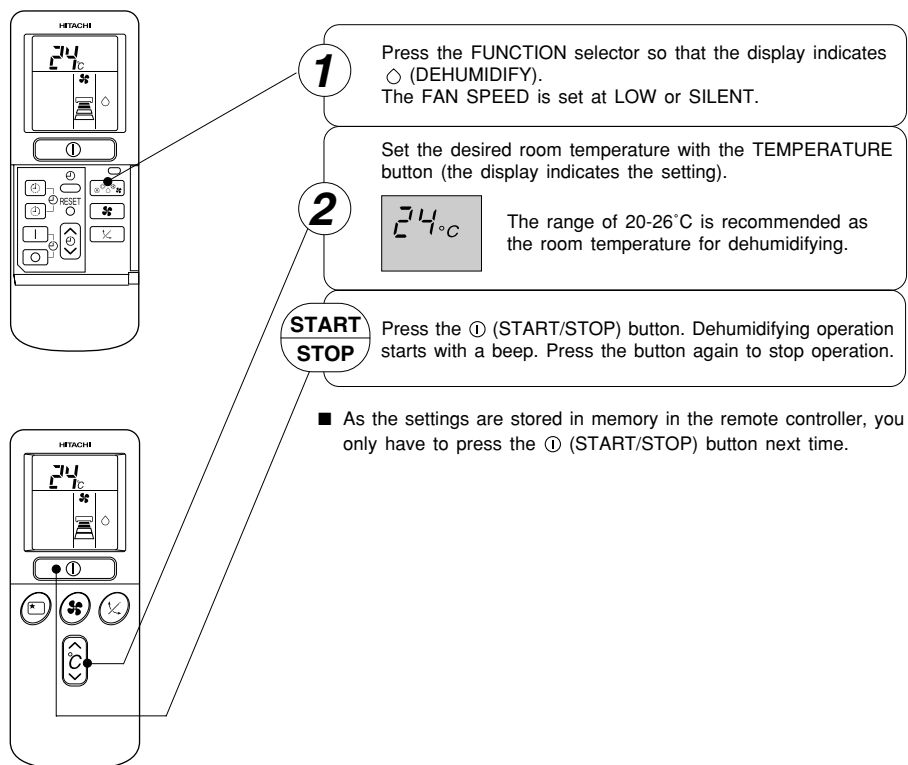
■ As the settings are stored in memory in the remote controller, you only have to press the ① (START/STOP) button next time.

■ Defrosting

Defrosting will be performed about once an hour when frost forms on the heat exchange of the outdoor unit, for 5~10 minutes each time.
During defrosting operation, the operation lamp blinks in cycle of 3 seconds on and 0.5 second off.
The maximum time for defrosting is 20 minutes.
However, if it is connected to multi type outdoor unit, the maximum time for defrosting is 15 minutes.
(If the piping length used is longer than usual, frost will likely to form.)

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DEHUMIDIFYING OPERATION

Use the device for dehumidifying when the room temperature is over 16°C.
When it is under 15°C, the dehumidifying function will not work.

1 Press the FUNCTION selector so that the display indicates ◇ (DEHUMIDIFY).
The FAN SPEED is set at LOW or SILENT.

2 Set the desired room temperature with the TEMPERATURE button (the display indicates the setting).

The range of 20-26˚C is recommended as the room temperature for dehumidifying.

START STOP Press the ① (START/STOP) button. Dehumidifying operation starts with a beep. Press the button again to stop operation.

■ As the settings are stored in memory in the remote controller, you only have to press the ① (START/STOP) button next time.
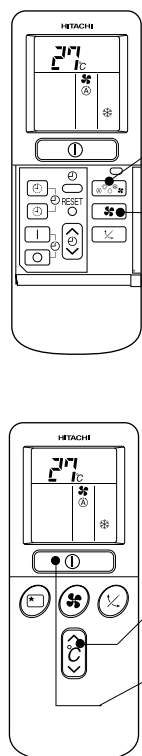
■ Dehumidifying Function

● When the room temperature is higher than the temperature setting: The device will dehumidify the room, reducing the room temperature to the preset level.
When the room temperature is lower than the temperature setting: Dehumidifying will be performed at the temperature setting slightly lower than the current room temperature, regardless of the temperature setting. The function will stop (the indoor unit will stop emitting air) as soon as the room temperature becomes lower than the setting temperature.
● The preset room temperature may not be reached depending on the number of people present in the room or other room conditions.

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COOLING OPERATION

Use the device for cooling when the outdoor temperature is 21~43°C.
If in doors humidity is very high (80%), some dew may form on the air outlet grille of the indoor unit.

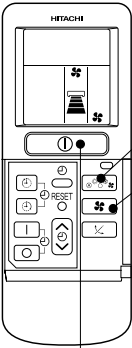**1** Press the FUNCTION selector so that the display indicates ❄ (COOL).

2 Set the desired FAN SPEED with the ✿ (FAN SPEED) button (the display indicates the setting).

    Ⓐ (AUTO) : The FAN SPEED is HI at first and varies to MED automatically when the preset temperature has been reached.

    (HI) : Economical as the room will become cool quickly.

    (MED) : Fan speed slow.

    (LOW) : Fan speed slower.

    (SILENT) : Fan speed ultra slower.

3 Set the desired room temperature with the TEMPERATURE button (the display indicates the setting).

The temperature setting and the actual room temperature may vary some how depending on conditions.

START STOP Press the Ⓞ (START/STOP) button. Cooling operation starts with a beep. Press the button again to stop operation. The cooling function does not start if the temperature setting is higher than the current room temperature (even though the Ⓞ (OPERATION) lamp lights). The cooling function will start as soon as you set the temperature below the current room temperature.

■ As the settings are stored in memory in the remote controller, you only have to press the Ⓞ (START/STOP) button next time.

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FAN OPERATION

You can use the device simply as an air circulator. Use this function to dry the interior of the indoor unit at the end of summer.

1 Press the FUNCTION selector so that the display indicates ❆ (FAN).

2 Press the ❆ (FAN SPEED) button.

🗲 (HI)	:	The strongest air blow.
🗲 (MED)	:	Fan speed slow.
🗲 (LOW)	:	Fan speed slower.
🗲 (SILENT)	:	Fan speed ultra slower.

START STOP Press the ① (START/STOP) button. Fan operation starts with a beep. Press the button again to stop operation.

FAN SPEED (AUTO) ····· When the AUTO fan speed mode is set in the cooling/heating operation:
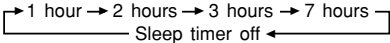
For the heating operation	● The fan speed will automatically change according to the temperature of discharged air. ● When the difference of room temperature and setting temperature is large, fan starts to run at HI speed. ● When the room temperature reaches setting temperature, fan speed changes to LOW automatically.
For the cooling operation	● When the difference of room temperature and setting temperature is large, fan starts to run at HI speed. ● After room temperature reaches the preset temperature, the cooling operation, which changes the fan speed and room temperature to obtain optimum conditions for natural healthful cooling will be performed.

HOW TO SET THE SLEEP TIMER

Set the current time at first if it is not set before (see the pages for setting the current time). Press the ⊡ (SLEEP) button, and the display changes as shown below.
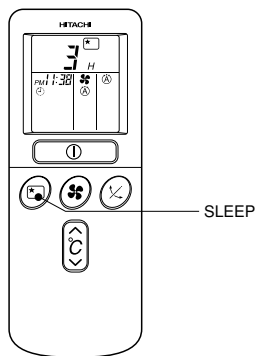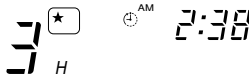
Mode	Indication
Sleep timer	→ 1 hour → 2 hours → 3 hours → 7 hours ⌐ └── Sleep timer off ← ──────────┘
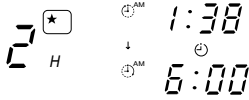
Sleep Timer: The device will continue working for the designated number of hours and then turn off.

Point the signal window of the remote controller toward the indoor unit, and press the SLEEP button.

The timer information will be displayed on the remote controller. The TIMER lamp lights with a beep from the indoor unit. When the sleep timer has been set, the display indicates the turn-off time.

Example: If you set 3 hours sleep time at 11:38 p.m., the turn-off time is 2:38 a.m.

Sleep timer → Start   The device will be turned off by the sleep timer and turned on by on-timer.

1 Set the ON-timer.

2 Press the ⊡ (SLEEP) button and set the sleep timer.

For heating:

In this case, the device will turn off in 2 hours (at 1:38 a.m.) and it will be turned on 6:00 next morning.

How to Cancel Reservation

Point the signal window of the remote controller toward the indoor unit, and press the ○ (CANCEL) button.

The ⊕ (RESERVED) sign goes out with a beep and the ⊘ (TIMER) lamp turns off on the indoor unit.

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HOW TO SET THE TIMER

TIME

OFF TIMER

ON TIMER

RESERVE

CANCEL
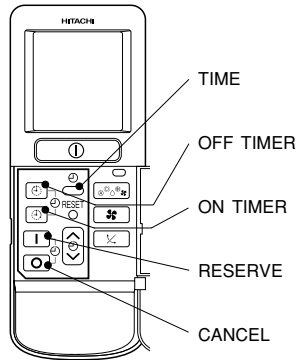
Time

After you change the batteries;

1 Set the ⏲ (TIME) button.

▶ ⏲ ○ ➔ ☼ AM PM 10:00

OFF-Timer

Start ➔ STOP

You can set the device to turn off at the preset time.

1 Press the ⏲ (OFF-TIMER) button. The ⏲ (OFF) mark blinks on the display.

▶ ⏲ ➔ ☼ AM 0:00

ON-Timer

Stop ➔ Start
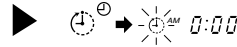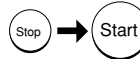
● The device will turn on at the designated times.

1 Press the ⏲ (ON-TIMER) button the ⏲ (ON) mark blinks on the display.

▶ ⏲ ➔ ☼ AM 6:00

ON/OFF-Timer

Start ⇄ Stop
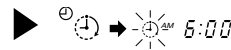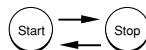
● The device will turn on (off) and off (on) at the designated times.
● The switching occurs first at the preset time that comes earlier.
● The arrow mark appearing on the display indicates the sequence of switching operations.

1 Press the ⏲ (ON-OFF) button so that the ⏲ (OFF) mark blinks.

▶ ⏲ ➔ ☼ PM 0:00

2 Set the turn-off time with the TIMER control button.
Press the ▌ (RESERVE) button.

▶ ⌃⌄ ➔ ☼ PM 10:30

3 Press the ⏲ (ON-TIMER) button so that the ⏲ (OFF) mark lights and the ⏲ (ON) mark blinks.
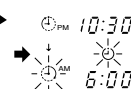
▶ ⏲ PM 10:30 ➔ ☼ AM 6:00

How to Cancel Reservation

Point the signal window of the remote controller toward the indoor unit, and press the ○ (CANCEL) button.
The ⏲ (RESERVED) sign goes out with a beep and the ⏲ (TIMER) lamp turns off on the indoor unit.

NOTE

You can set only one of the OFF-timer, ON-timer and ON/OFF-timer.

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2 Press the ⏰ (TIME) button.

3 Set the current time with the TIMER control button.
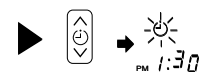
4 Press the ⏰ (TIME) button again. The time indication starts lighting instead of flashing.
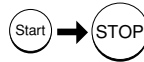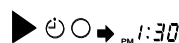
- The time indication will disappear automatically in 10 second.
- To check the current time setting, press the ⏰ (TIME) button twice.

The setting of the current time is now complete.

Example: The current time is 1:30 p.m.

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2 Set the turn-off time with the TIMER control button.
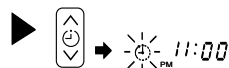
3 Point the signal window of the remote controller toward the indoor unit, and press the ▌(RESERVE) button.
The ⏱ (OFF) mark starts lighting instead of flashing and the sign ⏱ (RESERVED) lights. A beep occurs and the ⏰ (TIMER) lamp lights on the indoor unit.
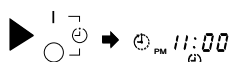
Example: The device will turn off at 11:00p.m.

The setting of turn-off time is now complete.

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2 Set the turn-on time with the TIMER control button.

3 Point the signal window of the remote controller toward the indoor unit, and press the ▌(RESERVE) button.
The ⏱ (ON) mark starts lighting instead of flashing and the ⏰ (RESERVED) sign lights. A beep occurs and the ⏰ (TIMER) lamp lights on the indoor unit.

Example:
The device will turn on at 7:00 a.m.
The setting of the turn-on time is now complete.

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4 Set the turn-on time with the TIMER control button.
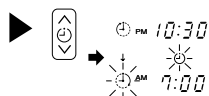
5 Point the signal window of the remote controller toward the indoor unit, and press the ▌(RESERVE) button.
The ⏱ (ON) mark starts lighting instead of flashing and the ⏰ (RESERVED) sign lights. A beep occurs and the ⏰ (TIMER) lamp lights on the indoor unit.
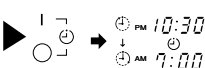
Example:
The device will turn off at 10:30 p.m. and it will be turned on at 7:00 a.m.
The settings of the turn-on/off times are now complete.

- The timer may be used in three ways: off-timer, on-timer, and ON/OFF (OFF/ON)-timer. Set the current time at first because it serves as a reference.

- As the time settings are stored in memory in the remote controller, you only have to press the ▌(RESERVE) button in order to use the same settings next time.

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HOW TO INSTALL WIRELESS REMOTE CONTROL

- The remote controller can be placed in its holder which is fixed on wall or beam.
- To operate the remote controller at its holder, please ensure that the unit can receive signal transmitted from the controller at the place where the holder is to be fixed. The unit will beep when signal is received from the remote controller. The signal transmission is weaken by the fluorescent light. Therefore, during the installation of the remote control holder, please switch on the light, even during day time, to determine the mounting location of the holder.

AAA size battery

Plug
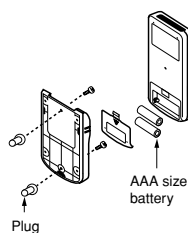
The controller must be hooked onto the hook at the lower part of the holder. Push in the remote controller in the direction as shown in figure below.

Screw (2 pieces)

Holder for Remote Controller
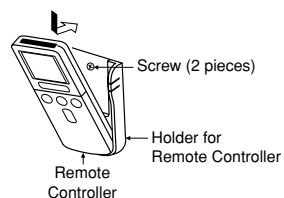
Remote Controller

HOW TO EXCHANGE THE BATTERIES IN THE REMOTE CONTROLLER

1 Remove the cover as shown in the figure and take out the old batteries.

2 Install the new batteries.
The direction of the batteries should match the marks in the case.

Push and pull to the direction of arrow
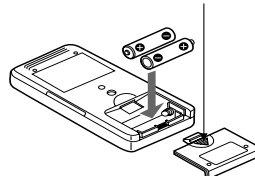
⚠ CAUTION

1. Do not use new and old batteries, or different kinds of batteries together.
2. Take out the batteries when you do not use the remote controller for 2 or 3 months.

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TEMPORARY SWITCH

Use the temporary switch when operation cannot be done with the remote controller.
1. By pressing the temporary switch, the operation is done in previously set operation mode.
   When the operation is done using the temporary switch after the power source is turned off and turned on again, the operation is done in automatic mode.
2. When the operation is stopped or when the operation is done with the remote controller again. Press the temporary switch once again.
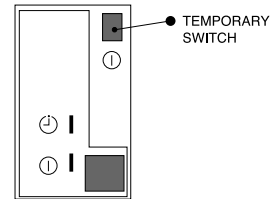
TEMPORARY SWITCH

CIRCUIT BREAKER

When you do not use the room air conditioner, set the circuit breaker to "OFF".

HOW TO INSTALL DISPLAY PANEL

- Select an installation position on ceiling or wall where there is no obstacle to interrupt signal reception.
- Loosen screws of panel installation plate so that bracket can be slightly moved.
- Match the display panel to panel installation plate so the fixing claws on the panel are securely hooked.
- Match brackets to the opening on ceiling or wall and tighten screws until bracket is firmly secured to ceiling material.
- Install the panel cover so inside claws are securely hooked to the panel installation plate.
- Conduct the indoor unit side housing of display panel cord to the electric box of the indoor unit and connect it with the housing at the side of the unit.
- Attach the connector of display panel to the connector CN11A on the PWB.

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Opening on ceiling or wall

Display panel

Bracket

Claw
Screw

Panel installation plate

Panel cover
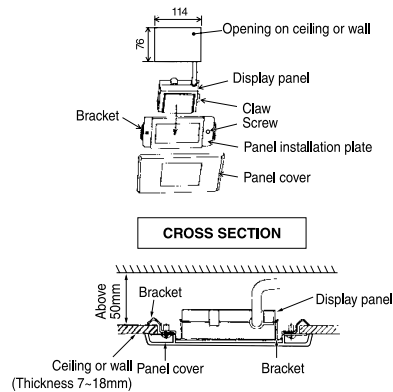
⚠ CAUTION

Please disconnect wired remote controller or Weekly Timer connector at CN1102 if to use wireless remote controller.

CROSS SECTION

Above 50mm

Bracket

Display panel

Ceiling or wall (Thickness 7~18mm)

Panel cover

Bracket

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MEMO

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