

OWNER'S MANUAL

- Thank you for purchasing this ecox product.
- Before using this machine, please read this manual and retain it for future reference.

EIH4WC



**REMOTE CONTROL
COMPACT CASSETTE**

EIH4WC

Register your product at
www.ecoxline.com

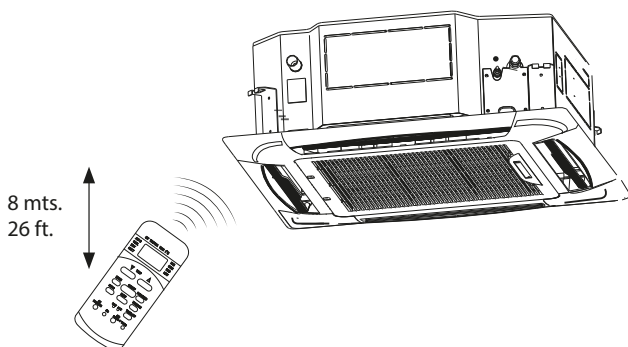
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HANDLING THE REMOTE CONTROL



LOCATION OF THE REMOTE CONTROL

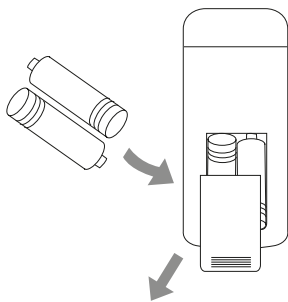
Use the remote control within a distance of 8 meters / 26 Feet from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.



CAUTIONS

- The air conditioner will not operate if curtains, doors or the materials block the signal from the remote control to the indoor unit.
- Prevent any liquid from falling into the remote control. Do not expose the remote control to direct sunlight or heat.
- If the infrared signal receiver on the indoor units is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote control, either move these appliances or consult your local dealer.

REPLACING BATTERIES



The remote controller is powered by two dry batteries (R03 / LR03 / AAA) X2 housed in the rear part and protected by a cover.

- 1 Remove the cover by pressing and sliding off.
- 2 Remove the old batteries and insert the new batteries, placing the (+) and (-) ends correctly.
- 3 Reattach the cover by sliding it back into position.



NOTE

When the batteries are removed, the remote controller erases all programming. After inserting new batteries, the remote controller must be reprogrammed.



CAUTIONS

- *Do not mix old and new batteries or batteries of a different type. Do not leave the batteries in the remote controller if it is not going to be used for 2 or 3 months.*
- *Dispose of the old batteries in the special containers to be found in the sales outlets.*

REMOTE CONTROL SPECIFICATIONS

MODEL	R51/C(C)E, RG51C/BG(C)E.
Rated Voltage	3.0V (Dry batteries LR03 X 2)
Lowest Voltage of CPU Emitting Signal	2.0V
Signal Receiving Range	8m (when using 3.0 voltage, it Gets 11m)
Environment	-5° C ~ 60° C

PERFORMANCE FEATURE

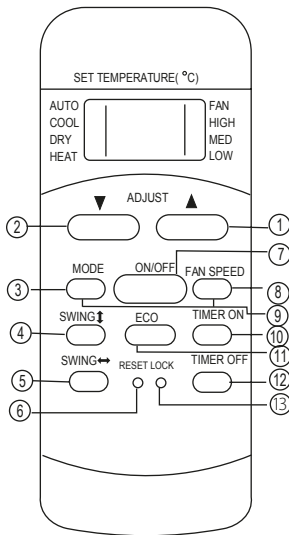
- 1 Operating Mode: AUTO, COOL, DRY, HEAT (Cooling & heating models only) and FAN.
- 2 Timer Setting Function in 24 hours.
- 3 Indoor Setting Temperature Range 17° C ~ 30° C.
- 4 Full function of LCD (Liquid Crystal Display).



NOTE

- *Buttons design might be slightly different from the actual one you purchased depending on individual models.*
- *All the functions described are accomplished by the indoor unit. If the indoor unit has no this feature, there is no corresponding operation happened when press the relative button on the remote controller.*

FUNCTION BUTTONS



1 TEMP UP Button

Push this button to increase the indoor temperature setting in 1 °C increments to 30 °C.

2 TEMP DOWN Button

Push this button to decrease the indoor temperature setting in 1°C increments to 17 °C.

3 MODE Button

Each time the button is pressed, the operation mode is selected in the sequence of the following:



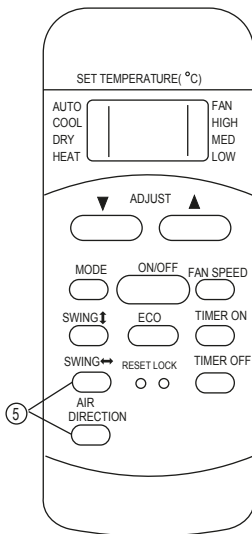
NOTE: Heat mode is for Cooling & Heating models only.

4 SWING Button ↓

Used to stop or start horizontal louver movement. The louver will swing up and down automatically if push this button.

AIR DIRECTION Button

Used to stop or start horizontal louver movement.



5 SWING Button ↔

Used to stop or start vertical louver movement. AIR DIRECTION Button.

Used to set the desired up/down air flow direction. The louver changes 6 degrees in angle for each press.

NOTE: This button only available when the remote control is used with corresponding unit.

6 RESET Button

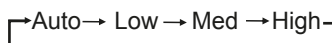
Once the recessed RESET button is pressed, all of the current settings will be cancelled and the control will return to the initial settings.

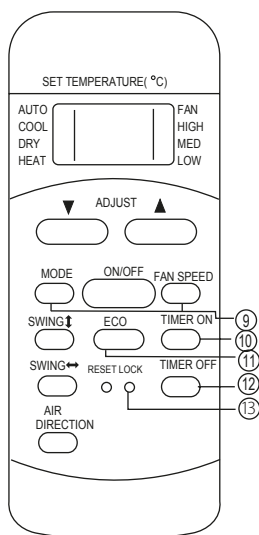
7 ON/OFF Button

Operation starts when this button is pressed and stops when the button is pressed again.

8 FAN SPEED Button

Used to select the fan speed in four steps:





9 FAN SPEED Button + MODE Button

Press the Mode and Fan speed button simultaneously for 2 seconds. Remote control enters faceplate setting and the LCD show F2. Press the TEMPUP (▲) to control the faceplate up and press the TEMP DOWN (▼) to control the faceplate down. Press any button to exit the faceplate setting state, then, the LCD returns to standard display.

10 TIMER ON Button

Press this button to activate the Auto-on time setting. Each press will increase the time setting in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours. To cancel the Auto-on time setting, just press the button until the time setting is 0.0.

11 ECO Button

Select this function during the sleeping time. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only .

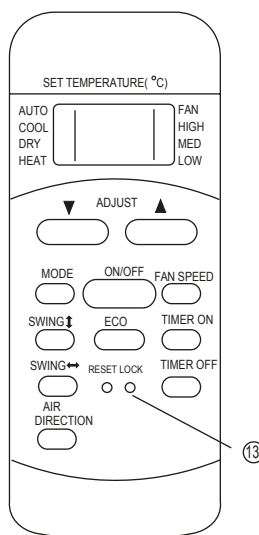
NOTE: To cancel Energy-Saving mode, press MODE, FAN SPEED or ON/OFF button.

12 TIMER OFF Button

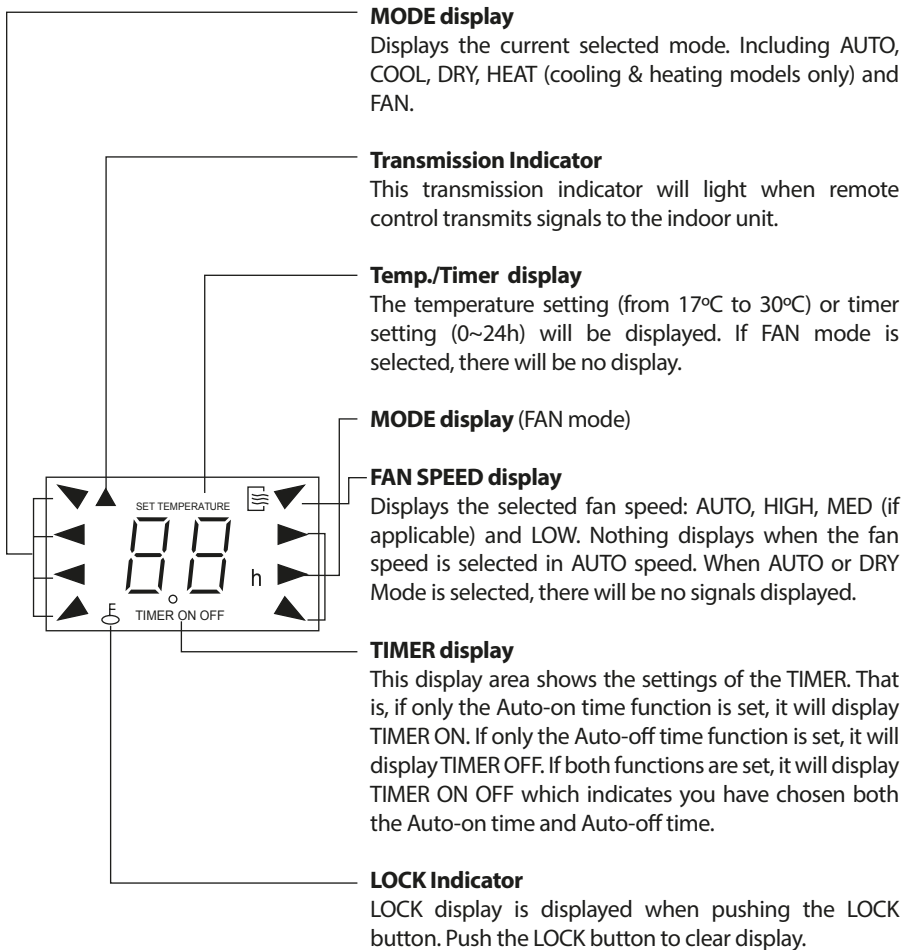
Press this button to activate the Auto-off time setting. Each press will increase the time setting in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours. To cancel the Auto-off time setting, just press the button until the time setting is 0.0.

13 LOCK Button

Press this recessed button to lock all current settings, and the remote control will not accept any operation except that of the LOCK. Use the LOCK mode when you want to prevent settings from being changed accidentally. Press the LOCK button again to cancel the LOCK function. A lock symbol will appear on the remote control display when the lock function is activated.



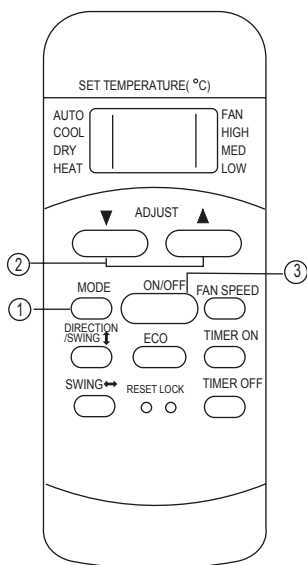
INDICATORS ON LCD



HOW TO USE THE BUTTONS

AUTO OPERATION

Ensure the unit is plugged in and power is available.
The **OPERATION** indicator on the display panel of the indoor unit illuminates.



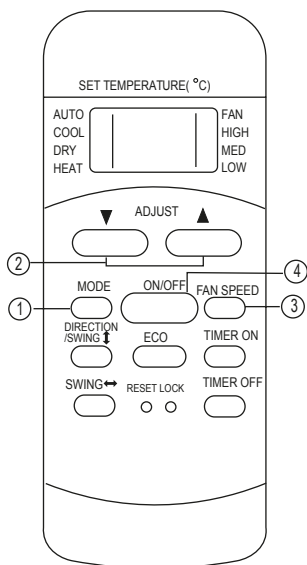
- ① Press the **MODE** button to select Auto.
- ② Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17 °C~ 30 °C in 1°C increments.
- ③ Press the **ON/OFF** button to start the air conditioner.

NOTE:

- ① In the Auto mode, the air conditioner can logically choose the mode of Cooling, Fan, Heating and Dehumidifying by sensing the difference between the actual ambient room temperature and the set temperature on the remote controller.
- ② In the Auto mode, you can not switch the fan speed. It will be automatically controlled by the unit.
- ③ If the Auto mode is not comfortable for you, the desired mode can be selected manually.

COOLING/HEATING/FAN OPERATION

Ensure the unit is plugged in and power is available.



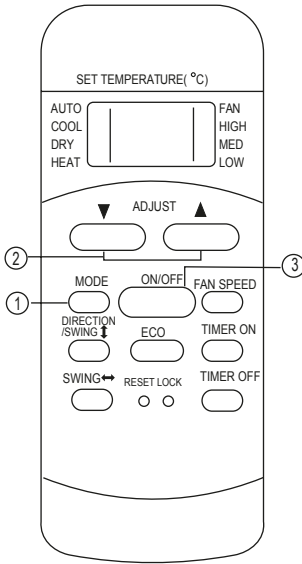
- ① Press the **MODE** button to select **COOL**, **HEAT**, (cooling & heating models only) or **FAN** mode.
- ② Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17 °C~ 30 °C in 1°C increments.
- ③ Press the **FAN SPEED** button to select the fan speed in four steps- Auto, Low, Med, or High.
- ④ Press the **ON/OFF** button to start the air conditioner.

NOTE

In the **FAN** mode, the setting temperature is not displayed in the remote control and you are not able to control the room temperature either. In this case, only step 1, 3 and 4 may be performed.

DEHUMIDIFYING OPERATION

Ensure the unit is plugged in and power is available. The **OPERATION** indicator on the display panel of the indoor unit illuminates.



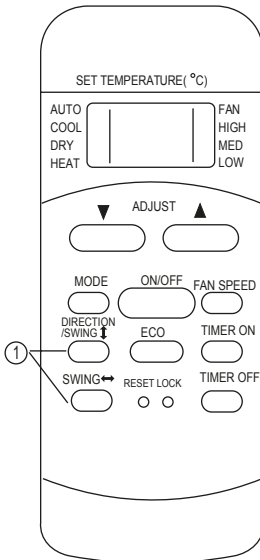
- ❶ Press the **MODE** button to select **DRY** mode.
- ❷ Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17 °C~ 30 °C in 1 °C increments.
- ❸ Press the **ON/OFF** button to start the air conditioner.

NOTE

In the Dehumidifying mode, you can not switch the fan speed. It will be automatically controlled by the unit.

SWING OPERATION

Use the **DIRECTION/SWING** button to adjust the horizontal louver, use the **SWING** button to adjust the vertical louver.

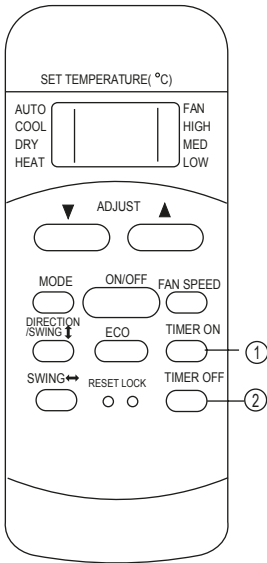


- ❶ Press the **SWING** (↑) or (↔) button, the horizontal or vertical louver will swing automatically. When the **AIR DIRECTION** button is pressed, the louver changes 6 degrees in angle for each press.

NOTE

When the louver swing or move to a position which would affect the cooling and heating effect of the air conditioner, it would automatically change the swing / moving direction.

TIMER OPERATION



Press the **TIMER ON** button to set the auto-on time of the unit. And press the **TIMER OFF** button can set the auto-off time of the unit.

To set the Auto-on time.

- 1 Press the **TIMER ON** button. The remote controller shows **TIMER ON**, the last Auto-on setting time and the signal "h" will be shown on the LCD display area. Now it is ready to reset the Auto-on time to **START** the operation.
- 2 Push the **TIMER ON** button again to set desired Auto-on time. Each time you press the button, the time increases in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours.
- 3 After setting the **TIMER ON**, there will be a onehalf second delay before the remote control transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" will disappear and the set temperature will re-appear on the LCD display window.

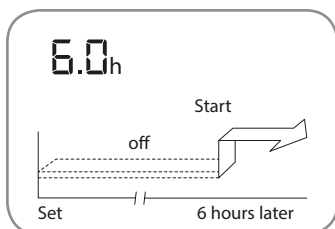
To set the Auto-off time.

- 1 Press the **TIMER OFF** button. The remote control shows **TIMER OFF**, the last Auto-off setting time and the signal "h" will be shown on the LCD display area. Now it is ready to reset the Auto-off time to **START** the operation.
- 2 Push the **TIMER OFF** button again to set desired Auto-off time. Each time you press the button, the time increases in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours.
- 3 After setting the **TIMER OFF**, there will be a one and a half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" will disappear and the set temperature will reappear on the LCD display window.



IMPORTANT

The effective operation time set by the remote control for the timer function is limited to the following settings: 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 and 24.



EXAMPLE OF TIMER SETTING

TIMER ON (Auto-on Operation)

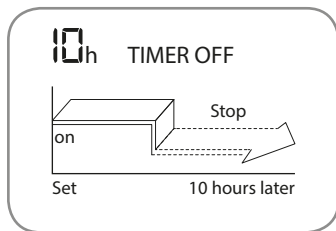
The TIMER ON feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

Example:

To start the air conditioner in 6 hours.

- 1 Press the TIMER ON button, the last setting of starting operation time and the signal "h" will show on the display area.
- 2 Press the TIMER ON button to display "6:0h" on the TIMER ON display of the remote control.
- 3 Wait for about 3 seconds and the digital display area will show the temperature again. Now this function is activated.

EXAMPLE OF TIMER SETTING



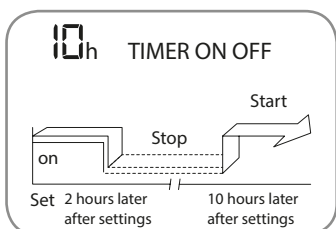
TIMER OFF (Auto-off Operation)

The TIMER OFF feature is useful when you want the unit to turn off automatically after you go to bed. The air conditioner will stop automatically at the set time.

Example:

To stop the air conditioner in 10 hours.

- 1 Press the TIMER OFF button, the last setting of stopping operation time and the signal "h" will show on the display area.
- 2 Press the TIMER OFF button to display "10h" on the TIMER OFF display of the remote control.
- 3 Wait for about 3 seconds and the digital display area will show the temperature again. Now this function is activated.



COMBINED TIMER

(Setting both ON and OFF timers simultaneously)

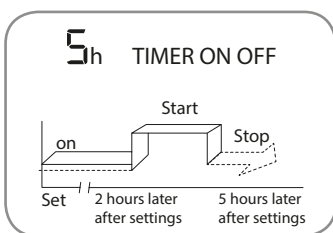
TIMER OFF → TIMER ON (On → Stop → Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

Example:

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

- 1 Press the TIMER OFF button.
- 2 Press the TIMER OFF button again to display 2.0h on the TIMER OFF display.
- 3 Press the TIMER ON button.
- 4 Press the TIMER ON button again to display 10h on the TIMER ON display.
- 5 Wait for the remote control to display the setting temperature.



TIMER ON → TIMER OFF

(Off → Start → Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

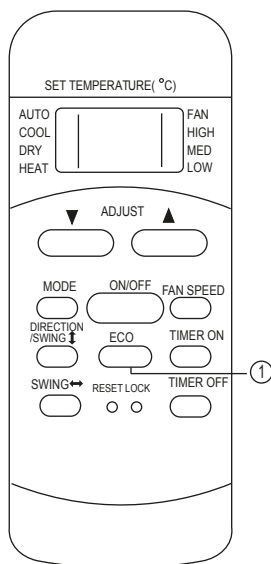
To start the air conditioner 2 hours after setting, and stop it 5 hours after setting.

- ❶ Press the TIMER ON button.
- ❷ Press the TIMER ON button again to display 2.0h on the TIMER ON display.
- ❸ Press the TIMER OFF button.
- ❹ Press the TIMER OFF button again to display 5.0h on the TIMER OFF display.
- ❺ Wait for the remote control to display the setting temperature.



CAUTIONS

- The timer setting (TIMER ON or TIMER OFF) that in sequence occurs directly after the set time will be activated first.



ECO OPERATION

The ECO function enables the unit to automatically increase (cooling) or decrease (heating) 1°C per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. It can maintain the most comfortable temperature and save energy.

NOTE: The ECO function is only available under Cooling, Heating and AUTO operation.

