



L1-02 Series Air Conditioner With Remote
Control



Hashoo Electronics L1-02 Series Air Conditioner With Remote Control Instructions

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Hashoo Electronics L1-02 Series Air Conditioner With Remote Control



Specifications

- Model: L1-02/L1-12/L1-16-0
- Operation Modes: Various modes including Heat, Timer, Quiet, Economy, Sleep, etc.
- Remote Controller: Included for easy operation
- Airflow Direction Control: Vertical and Horizontal adjustment
- SMART Mode: Fuzzy logic operation for select models
- Power Control: Start or stop the appliance

Product Usage Instructions

• Operation Instructions

Ensure to read the manual carefully before using the air conditioner. The remote controller plays a key role in operating the appliance efficiently.

• Using the Remote Controller

The remote controller transmits signals to the system and offers various functions like adjusting temperature, selecting operation modes, setting timers, and more.

• Operating Modes

The air conditioner offers different operation modes such as Heat, Timer, Quiet, Economy, Sleep, etc. Select the desired mode using the remote controller.

• Airflow Direction Control

You can control the airflow direction both vertically and horizontally to ensure optimal air distribution in the room.

• SMART Mode (for select models)

The SMART mode allows for fuzzy logic operation directly, enhancing the efficiency of the air conditioner.

• Power Control

Use the POWER button on the remote controller to start or stop the appliance as needed.

Remote controller

The remote controller transmits signals to the system.

SMART(invalid for some models)

Used to enter fuzzy logic operation directly, regardless of the unit is on or off.

POWER

The appliance will be started when it is energized or will be stopped when it is in operation, if you press this button.

SUPER

Used to start or stop the fast cooling/heating. (Fast cooling operates at high fan speed with 16°C (61°F) set temp automatically; Fast heating operates at auto fan speed with 30°C (86°F) set temp automatically)

IFEEL

Used to set IFEEL mode operation. Press it once, the IFEEL function will be started. Press it again, the IFEEL function will be shut off.

SWING(invalid for some models)

Used to stop or start vertical adjustment louver swinging and set the desired up/down airflow direction.

CLOCK

Used to set the current time.

QUIET (invalid for some models)

Used to set or cancel Quiet Mode operation. When the air conditioner is in standby, and the mode of remote controller is in Cooling or Dry (except Super mode), press this button for about 5 seconds once to start Clean mode, then the indicator "Clean" will display on LCD.

LOCK

Used to start or stop LOCK mode.

8°C HEAT(optional)

Used to start or stop 8°C HEAT mode.

TEMP + -

Used to adjust the room temperature and the timer, also real time.

MODE

Press this button to select the operation mode.

FAN

Used to select fan speed in sequence auto, higher, high, medium, low or lower.

SLEEP

Used to set or cancel Sleep Mode operation.

SWING(invalid for some models)

Used to stop or start Horizontal adjustment louver swinging and set the desired left/right airflow direction.

TIMER ON

Used to set or cancel the timer operation.

TIMER OFF

Used to set or cancel the timer operation.





























ECONOMY (invalid for some models)

Used to set or cancel Economy Mode operation. When in Cooling mode (except Super mode), press this button for about 5 seconds once to start Power control mode, press this button for about 5 seconds once again to stop it.

DIMMER (invalid for some models)

When you press this button, all the display of indoor unit will be closed. Press any button to resume display.

Indication symbols on LCD:

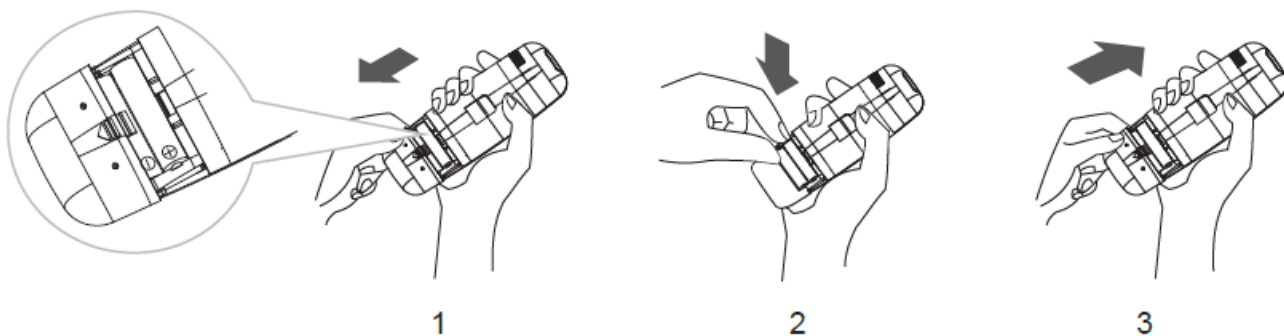
	Cooling indicator		Auto fan speed		Sleep 1 indicator		Quiet indicator		Signal transmit
	Dry indicator		Higher fan speed		Sleep 2 indicator		Smart indicator		Battery power indicator
	Fan only indicator		High fan speed		Sleep 3 indicator		Economy indicator		ON 88:88 Display set timer
	Heating indicator		Medium fan speed		Sleep 4 indicator		Super indicator		OFF 88:88 Display current time
	8°C Heat indicator		Low fan speed		Lock indicator		Ifeel		88°F Display temperature
	Lower fan speed				Clean indicator				% Power control indicator

Note: Each mode and relevant function will be further specified in the following pages.

Remote controller

How to Insert the Batteries

1. Remove the battery cover according to the arrow direction.
2. Insert new batteries, making sure that the (+) and (-) of the battery are matched correctly.
3. Reattach the cover by sliding it back into position.



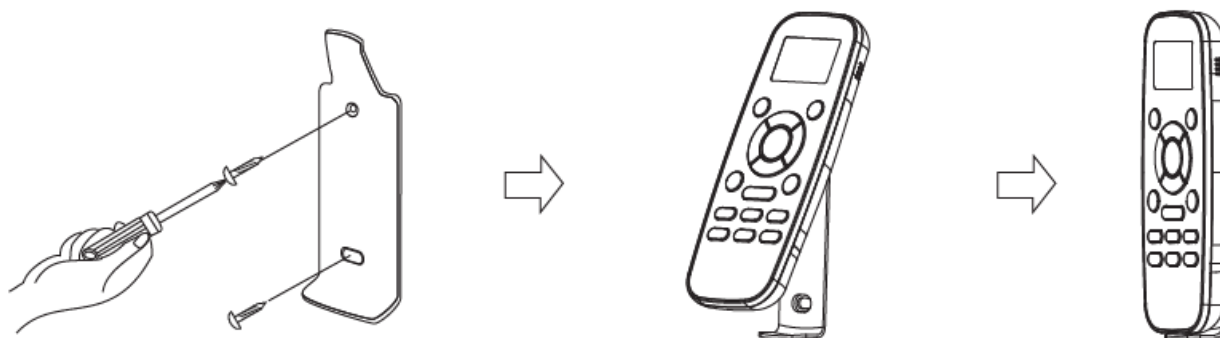
Note:

Use 2 LR03 AAA(1.5volt) batteries. Do not use rechargeable batteries. Replace batteries with new ones of the same type when the display becomes dim.

Storage and Tips for Using the Remote Controller

The remote controller may be stored or mounted on a wall with a holder.

Note: The remote controller holder is an optional part.



How to Use

To operate the room air conditioner, aim the remote controller to the signal receptor. The remote controller will operate the air conditioner at a distance of up to 7m when pointing at signal receptor of indoor unit.

CAUTIONS


- For appropriate signal transmission between the remote controller and the indoor unit, keep the signal receiver away from the following items:
- Direct sunlight or other strong lights or heat
- Flat panel television screen or other electrical appliances that react to the remote controller

Additionally, the air conditioner will not operate if curtains, doors, or other materials block the signals from the remote controller to the indoor unit. If the signal may not be transmitted properly, either move these materials or consult your local dealer.

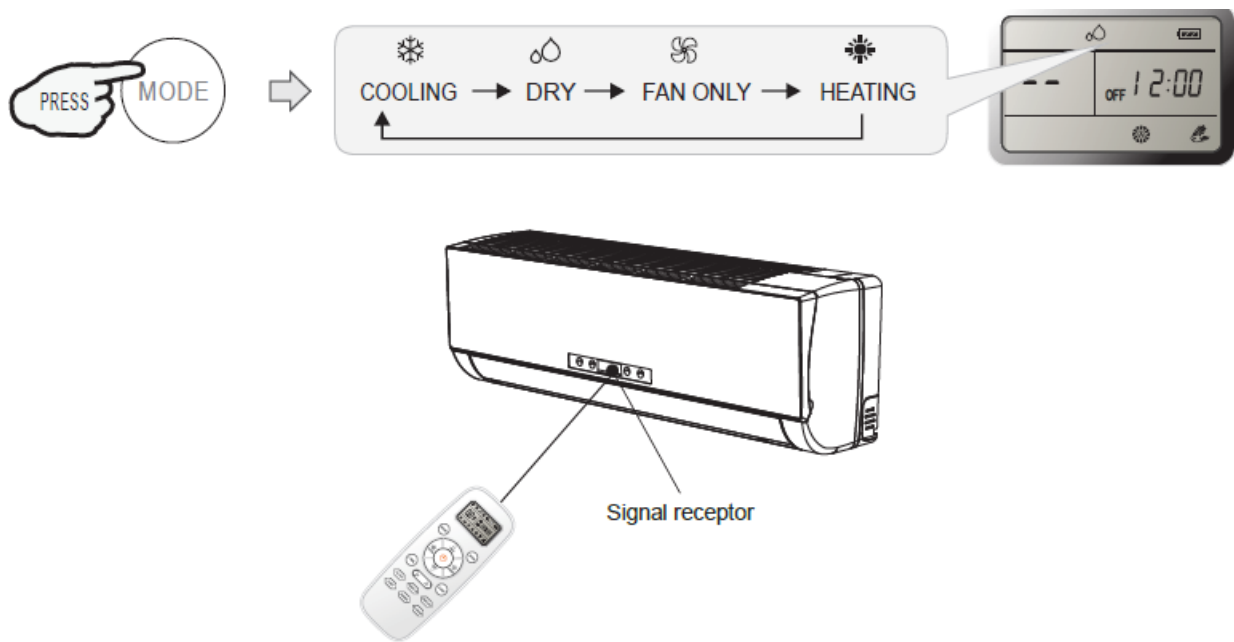
Operation instructions

Operation modes

Selecting mode

Press  the button once by once

Result: The operation modes changed in sequence:

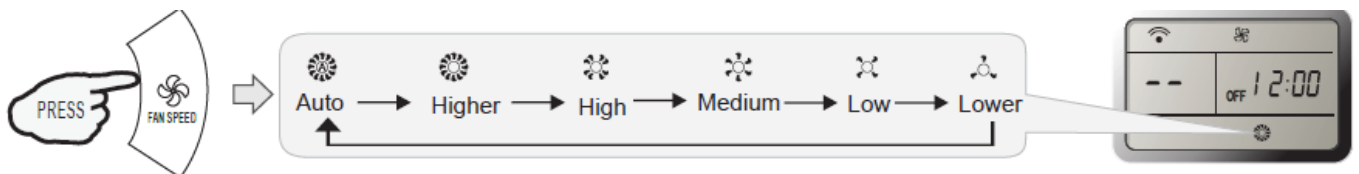


Heating mode is NOT available for a cooling-only air conditioner.

FAN mode

Press  the button once by once

Result: The operation modes changed in sequence:



At “FAN ONLY” mode, the “AUTO” is not available. At “DRY” mode, Fan speed is set at “AUTO” automatically, “FAN” button is ineffective in this case.

Setting temperature



Press  button once

Result : temperature setting by 1°C or 1°F

Press  button once

Result : Lower temperature setting by 1°C or 1°F

Gamme de températures disponibles	
CHAUFFAGE, REFROIDISSEMENT	16°C~30°C(61°F~86°F)
SEC	-7 ~ 7
VENTILATION SEULE	Impossible à définir

- **Note:** Press and hold the “  ” button and the “  ” button together for 3 seconds will alternate the temperature display between the °C and °F scale
- **Note:** Heating mode is NOT available for cooling-only models.
- **Note:** At “ry” mode, a decrease or rise of up to 7°C can be set if you still feel uncomfortable.

Turning on

Press  button.

Result: The RUN indicator of the indoor unit lights up.

SWING, SMART, TIMER ON, TIMER OFF, CLOCK, SLEEP and SUPER operation modes will be specified in the following pages.


- Changing modes during operation, sometimes the unit does not respond at once. Wait 3 minutes.
- During the heating operation, air flow is not discharged at the beginning. After 2 5 minutes, the air flow will be discharged until temperature of indoor heat exchanger rises.
- Wait 3 minutes before restarting the appliance.

Airflow direction control (invalid for some models)

Vertical airflow(Horizontal airflow) is automatically adjusted to a certain angle by the operation mode after turning on the unit.

Operation mode	Direction of airflow
COOLING, DRY	horizontal
*HEATING, FAN ONLY	downward



The direction of airflow can be also adjusted to your own requirement by pressing the “  ” button of the

remote controller.

Heating mode is only available for heat pump models.

Vertical airflow control (with the remote controller)

Using a remote controller to set various angles of flow or a specific angle as you like.

Press “” button once.





Result: The vertical adjustment louver will swing up and down automatically.



Press “” button again .

Result: The louvers swing to a suitable angle as desired.



Horizontal airflow control (with the remote controller)	
<p>Using a remote controller to set various angles of flow or a specific angle as you like. Press ”  ” button once.</p> <p>Result : The horizontal adjustment louver will swing left and right automatically.</p>	 PRESS
<p>Press ”  ” button again.</p>	
<p>Result : The louvers swing to a suitable angle as desired.</p>	 PRESS
<p>NOTE: <i>If the unit doesn't have a ways airflow function, you can adjust</i></p>	PRESS
<p>horizontal airflow by yourself.(invalid for some models)</p>	

- Do not turn the vertical adjustment louvers manually, otherwise malfunction may occur. If that happens, turn off the unit first and cut off the power supply, then restore power supply again.
- It is better not to let the vertical adjustment louver tilt downward for a long time at COOLING or DRY mode to prevent condensed water from dripping.

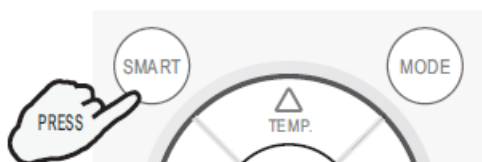
SMART mode(invalid for some models)

In this mode, it can automatically adjust the operation mode, temperature, wind speed, wind direction, etc. according to the ambient temperature of the room to ensure that customers get the most comfortable experience.

How to set SMART mode?

Press the SMART button.

Result : Enters SMART mode(fuzzy logic operation) directly regardless of the unit is on or off Temperature and fan speed are automatically set based on the actual room temperature.



For the split-type models, such as wall-mounted air conditioners and some floor-standing air conditioners, their operation mode and set temperature should be determined based on the indoor temperature.

Heat pump models

Indoor temperature	Operation mode	Target temperature
21°C(70°F) or below	HEATING	22°C(72°F)
21°C-23°C(70°F-73°F)	FAN ONLY	
23°C-26°C(73°F-79°F)	DRY	Room temperature decrease 2°C(2°F) after operate for 3 minutes
Over 26°C(79°F)	COOLING	26°C(79°F)

Cooling only models

Indoor temperature	Operation mode	Target temperature
23°C(73°F) or below	FAN ONLY	
23°C-26°C(73°F-79°F)	DRY	Room temperature decrease 2°C(2°F) after operate for 3 minutes
Over 26°C(79°F)	COOLING	26°C(79°F)

For commercial air conditioner products, such as cassette-type air conditioners, duct-type air conditioners, ceiling & floor air conditioners, and some floor-standing air conditioners, their operation mode should be determined based on the difference between the indoor temperature and the set temperature.

Heat pump models

Indoor temperature	Operation mode	Target temperature
Below T-3°C(3°F)	HEATING	T
$T-3^{\circ}\text{C}(3^{\circ}\text{F}) \leq T_{\text{indoor}} \leq T+3^{\circ}\text{C}(3^{\circ}\text{F})$	FAN ONLY	T
Over T+3°C(3°F)	COOLING	T

Cooling only models



Indoor temperature	Operation mode	Target temperature
T+3°C(3°F) or below	FAN ONLY	T
Over T+3°C(3°F)	COOLING	T

- SMART button is ineffective in SUPER mode. The The
- ECONOMY button is ineffective in SMART mode.
- Press the MODE button to cancel SMATR mode.

Note: Temperature, airflow and direction are controlled automatically in SMART mode. However, For the on/off, you can choose from -2 to 2, for the inverter you can choose from -7 to 7. if you still feel uncomfortable.

SMART mode(invalid for some models)

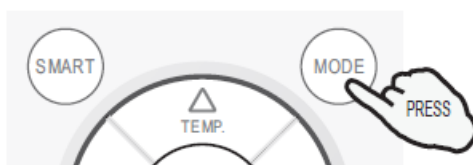
What can you do in SMART mode?

Your feeling	Button	Adjust
Uncomfortable because of unsuitable air flow volume.		Indoor fan speed alternates among Auto, High, Medium and Low each time this button is pressed.
Uncomfortable because of unsuitable flow direction.		Press it once, the vertical adjustment louver(horizontal adjustment louver) swings to change vertical airflow direction(horizontal airflow direction). Press it again, swings stops.

How to cancel the SMART mode?

Press the  button.

Result: The SMART mode will be cancelled.



CLOCK button

How to adjust the real time?

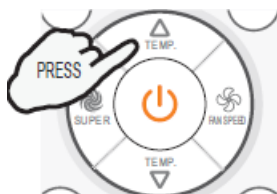
1. Press  button.


Result : The time flashes on the LCD.



2. Press  and  buttons.

Result : Once to increase or decrease the time setting by 1 minute. One and a half seconds to increase or decrease the time setting by 10 minute. For a longer time to increase or decrease the time by 1 hour.






3. Press  the button again.

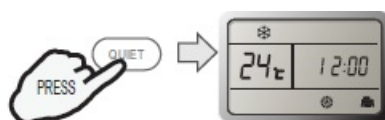
Result: Once to increase or decrease the time setting by 1 minute. One and a half seconds to increase or decrease the time setting by 10 minutes. For a longer time to increase or decrease the time by 1 hour.



CLEAN mode (invalid for some models)

When the air conditioner is in standby, and the mode of remote controller is in Cooling or Dry , press  button for 5 seconds once to start Clean mode ,then the indicator “ ” will display on LCD.


- Clean mode is ineffective in SUPER mode.
- Press the ON/OFF or SMART, or MODE button can exit the Clean mode, then the indicator will disappear.
- After the clean process finish, the air conditioner will return to Cooling or Dry as preset, while the indicator“  ” on remote controller will display for about 30 mins.



SUPER mode


- SUPER mode is used to start or stop fast cooling or heating. In SUPER mode, the super indicator will display on LCD.
- SUPER mode can be set when the appliance is in operation or energized.
- In SUPER mode, you can set the temperature, airflow direction, or timer.

How to set SUPER mode?

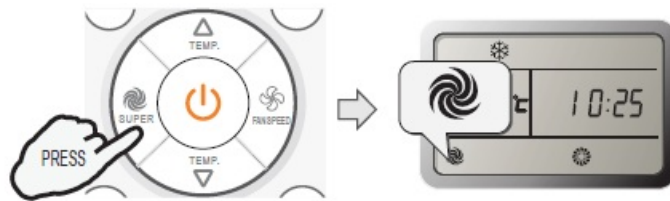
Press  the button for the cooling, dry, or fan-only mode.

Result: At high fan speed, the set temperature automatically adjusts to 16°C(61°F).




Press  button on the heat mode.

Result: Ambient temperature automatically adjusts to 30°C(86°F).



How to cancel SUPER mode?

Press , MODE, FAN, ON/OFF, or SLEEP button.


Result: The display returns to the original mode. Escape from SUPER mode.




Note:The

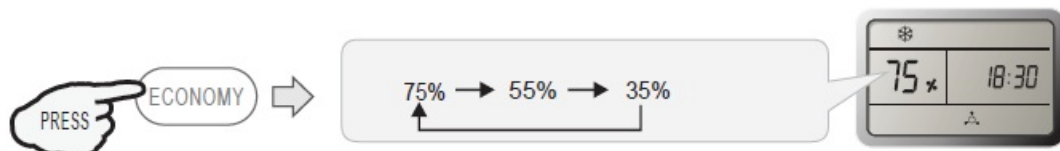
- SMART button is not available in SUPER mode.The
- ECONOMY button is ineffective in SUPER mode.
- The Appliance will continue working in SUPER mode, if you don't escape from it by pressing any of the buttons mentioned above.
- Heating is NOT available for cooling, only an air conditioner.
- For the first generation of products, you can't set temperature in super mode, but you can press TEMPERATURE SETTING button to escape from super mode.

Power control mode

When in Cooling mode, press  button for about 5 seconds once to start Power control mode (at low fan speed), press this button for about 5 seconds once again to stop it.

When the appliance is in the Power control mode, press  the button once by once

Result: The operation modes changed in sequence:





- Power control mode is ineffective in SUPER or ECONOMY mode.
- Except for the button of Swing, Dimmer, I feel, Clock, Time on, Time off, Fan, pressing the other buttons can exit the Powercontrol mode, and the indicator “ % ” will disappear.
- When start the Power control mode, the fan will automatically enter low wind speed, but you can change the wind speed by press the Fan button.

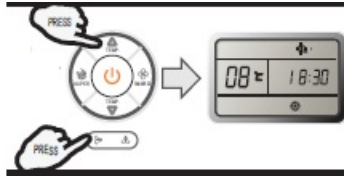
8°CHEAT mode (invalid for some models)

8°CHEAT mode is used to set 8°C heating mode.
In 8°CHEAT mode, the fan speed is set at "AUTO" automatically.


How to set 8°CHEAT mode?

Press  and  buttons together for about 2 seconds in the heating mode.

Result: The 8°C heat mode will be started.



Press any button except for ,  and .

Result: The display  will disappear, and the 8°CHEAT mode will be cancelled.

TIMER mode

It is convenient to set the timer on with TIMER ON buttons when you go out in the morning to achieve a comfortable room temperature at the time you get home. You can also set timer off at night to enjoy a good sleep.

How to set TIMER ON?

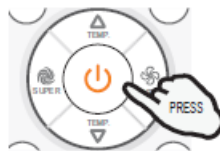
1. Press  the button.

Result: "ON 11 nooflash oonthe LCD.



2. Press :  or  button.

Result: Once to increase or decrease the time setting by 1 minute. One and a half seconds to increase or decrease the time setting by 10 minutes, and a longer time to increase or decrease the time by 1 hour.



3. When your desired time is displayed on the LCD, press the TIMER ON button and confirm it.

Result: A "beep" can be heard. "ON" stops flashing. The TIMER indicator on the indoor unit lights up.. . (invalid for some models)



4. After the set timer displayed for 5 seconds, the clock will be displayed on the LCD of the remote controller instead of set timer.

How to cancel TIMER ON?

Press  the button again.

Result : A “beep” can be heard and the indicator disappears, the time on mode has been canceled.



Note: It is similar to setting TIMER OFF; you can make the appliance switch off automatically at your desired time.

QUIET mode (invalid for some models)

In this mode, the air conditioner will work with low noise performance.

Note: Press MODE.FAN.SMART.SUPER bcancels QUIET modeTTmode.



ECONOMY mode (invalid for some models)

In this mode, the air conditioner will bring you energy-saving performance by lowering running costs.

Note: The The The

- ECONOMY button is ineffective in SMART, SUR, and Power control modes.
- Press the ON/OFF , MODE , TEMP Δ , TEMP Δ , FAN , SLEEP , QUIET, or ECONOMY button to cancel ECONOMY mode.
- Press and hold “ QUIET ” button and “ ECONOMY ” button together for 3 seconds will alternate the mode between the cooling only and the cooling and heating.

IFEEL mode

The temperature sensor built into the controller is activated. It can sense its surrounding temperature, and transmit the signal back to he unit, the unit can adjust the temperature to provide maximum comfort.

How to set IFEEL mode?

Press the  button once.

Result: The transmit signal in the display will appear, and the IFEEL function will be started.

Note:

- Advice to puis t the remote controller in a place where the indoor unit receives the signal easily.
- Advice to cancel the IFEEL mode to save energy when stopping the air conditioner.

How to cancel IFEEL mode

Press the  button once again.

The transmit signal in the display will disappear, and the IFEEL function will be shut off.

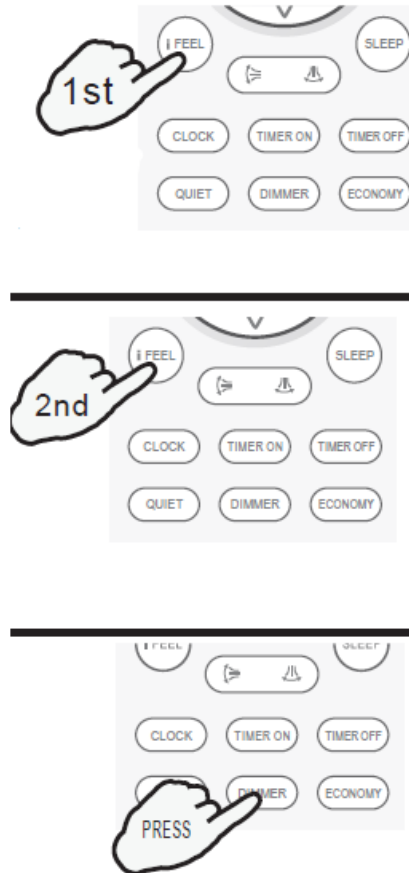
Dimmer button (invalid for some models)

How to set the DIMMER ?

Press the DIMMER button to turn off the light and the display in the unit.

Note:

When the light is off, the receiver signal will turn the light on again.



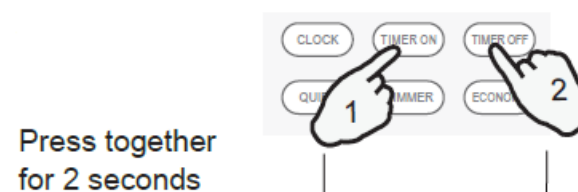
LOCK mode

• How to set LOCK ?

Press **TIMER ON** and **TIMER OFF** buttons together for 2 seconds to start LOCK mode. The lock indicator appears on the display.

• How to cancel LOCK ?

Press **TIMER ON** and **TIMER OFF** buttons together for 2 seconds to stop LOCK mode. The lock indicator disappears .




SLEEP mode

SLEEP mode can be set in COOLING ,HEATING or DRYING mode. This function gives you a more comfortable

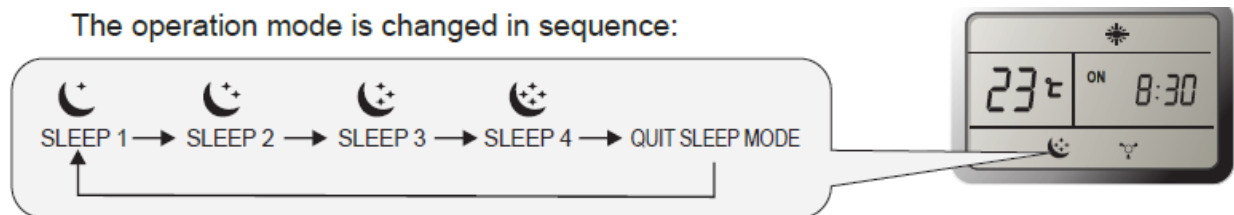
environment for sleep.

- The appliance will stop operating automatically after operating for 8 hours.
- Fan speed is automatically set at low speed.

How to set SLEEP mode ?

Each time  the button is pressed.

Result: The operation mode is changed in sequence:



1. SLEEP mode 1:

Set temperature will rise by 2 C (20F) at most if the appliance operates in cooling mode for 2 hours constantly, then keeps steady.

The set temperature will decrease by 2 °C (20F) at most if the appliance operates in heating mode for 2 hours constantly, then keeps steady.

2. SLEEP mode 2:

Set temperature will rise by 2 C (20F) if the appliance operates in cooling mode for 2 hours constantly, decrease by 1 OC(10F) after 6 hours, then decrease by 1 OC(10F) after 7 hours.

Set temperature will decrease by 20 °C (20°F) if the appliance operates in heating mode for 2 hours constantly, rise by 1C(10F) after 6 hours, then rise by 1C(10F) after 7 hours.

3. SLEEP mode 3:

The set temperature will rise by 1C(10F) if the appliance operates in cooling mode for 1 hour rise by 2C(20F) after 2 hours, then decrease by 2C(20F) after 6 hours, then then and decrease by 1C(10F) after 7 hours.

Set temperature will decrease by 20C(20F) if the appliance operates in heating mode for 1 hour , decrease by 2C(20F) after 2 hours, then rise by 2C(20F) after 6 hours, rise by 2C(20F) after 7 hours.

4. SLEEP mode 4:

The set temperature will remain.

- **Note:** Press the SUPER SMART, MODE, or FAN button to cancel the SLEEP mode.
- **Note:** Press the ECONOMY button for 5 seconds to exit the SLEEP mode and start the Power control mode.
- **Note:** By pressing “Sleeping mode” four times, or selecting other modes like SUPER, SMART, OR FAN, you could cancel the sleeping function of those units without four sleeping curves.
- **Note:** Heating is NOT availfor a cooling-only air conditioner.
- **Note:** Some SLEEP modes are not available for some models.

FAQs

- **Q: How do I adjust the room temperature using the remote controller?**

A: Use the TEMP buttons on the remote controller to adjust the room temperature accordingly.

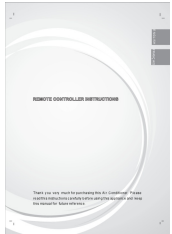
- **Q: Can I set a timer for the air conditioner to turn on or off?**

A: Yes, you can use the TIMER ON and TIMER OFF buttons on the remote controller to set timers for operation.

- **Q: What is the purpose of the SLEEP mode?**

A: The SLEEP mode is used to set or cancel Sleep Mode operation for improved comfort during sleep.

Documents / Resources



[Hashoo Electronics L1-02 Series Air Conditioner With Remote Control](#) [pdf] Instructions
L1-02, L1-12, L1-16-0, L1-02 Series Air Conditioner With Remote Control, L1-02 Series, Air Con
ditioner With Remote Control, Conditioner With Remote Control, Remote Control

References

- [User Manual](#)

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