



COMFORT...BUILT TO LAST

PORTABLE AIR CONDITIONER REMOTE CONTROL

USER MANUAL

FOR REMOTE CONTROL
INCLUDED WITH YOUR
PERFECT AIRE PORTABLE
ROOM AIR CONDITIONER



Before using the remote control with your air conditioner, please read this manual carefully and keep it for future reference.

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▲ CAUTIONS

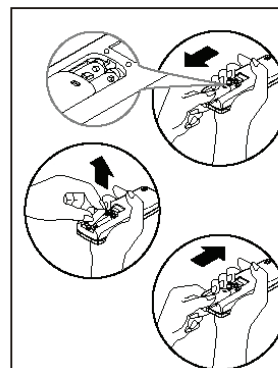
- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote control to the indoor unit.
- Prevent any liquid from falling onto the remote control.
Do not expose the remote control to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit 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 customer service.

Handling the remote control

Location of the remote control

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

Replacing batteries



The remote control is powered by two AAA dry batteries (R03/LR03X2) 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 control erases all programming. After inserting new batteries, the remote control 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 control if it is not going to be used for 2 or 3 months.
- Dispose of the old batteries properly based on local ordinances/laws.

Remote Control Specifications

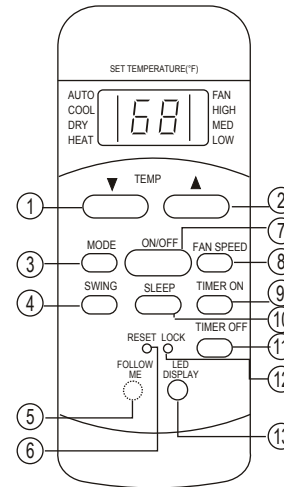
Models	NPH12000, PORTH12000
Rated Voltage	3.0V (Two dry batteries R03/LR03X2 or AAA)
Lowest Voltage of CPU Emitting Signal	2.0V
Signal Receiving Range	26 feet (8 m)
Environment	-41°F–140°F (-5°C–60°C)

Performance Features

1. Operating Modes: AUTO, COOL, DRY, HEAT and FAN.
2. Timer Setting Function: 24 hours
3. Indoor Setting Temperature Range: 62°F–88°F (17°C–30°C)
4. Full function LCD (Liquid Crystal Display)
5. Back light emitting.

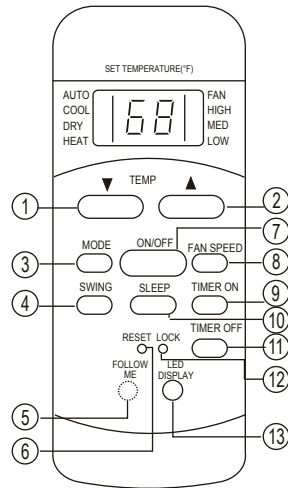
NOTE: All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different.

Function buttons



- 1 TEMP DOWN Button**
 Push this button to decrease the indoor temperature setting in 2°F(1°C) increments to 88°F(30°C).
- 2 TEMP UP Button**
 Push this button to increase the indoor temperature setting in 2°F(1°C) increments to 62°F(17°C).
- 3 MODE Button**
 Each time the button is pressed, the operation mode is selected in the sequence of the following:
 → AUTO → COOL → DRY → HEAT → FAN →
- 4 SWING Button**
 Used to stop or start louver movement and set the desired up/down airflow direction.
- 5 FOLLOW ME Button**
 - Press this button to initiate FOLLOW ME function.
 - When the FOLLOW ME function is activated, the remote display shows the actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes until the FOLLOW ME button is pressed again.
 - The FOLLOW ME function is not available under DRY and FAN mode.
 - Switching the operation mode or turning off the unit will cancel the FOLLOW ME function automatically.
- 6 RESET Button**
 Once the recessed RESET button is pressed, all of the current settings will be cancelled and the controller 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:
 → Auto → Low → Med → High →

Function buttons (continued)



9 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.

10 SLEEP Button

Select this function to operate while you sleep. It can maintain the most comfortable temperature and save energy. This function is available on COOL or AUTO mode only.

NOTE: While the unit is running under SLEEP mode, it will be cancelled if ON/OFF, FAN SPEED, SLEEP or MODE button is pressed.

11 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.

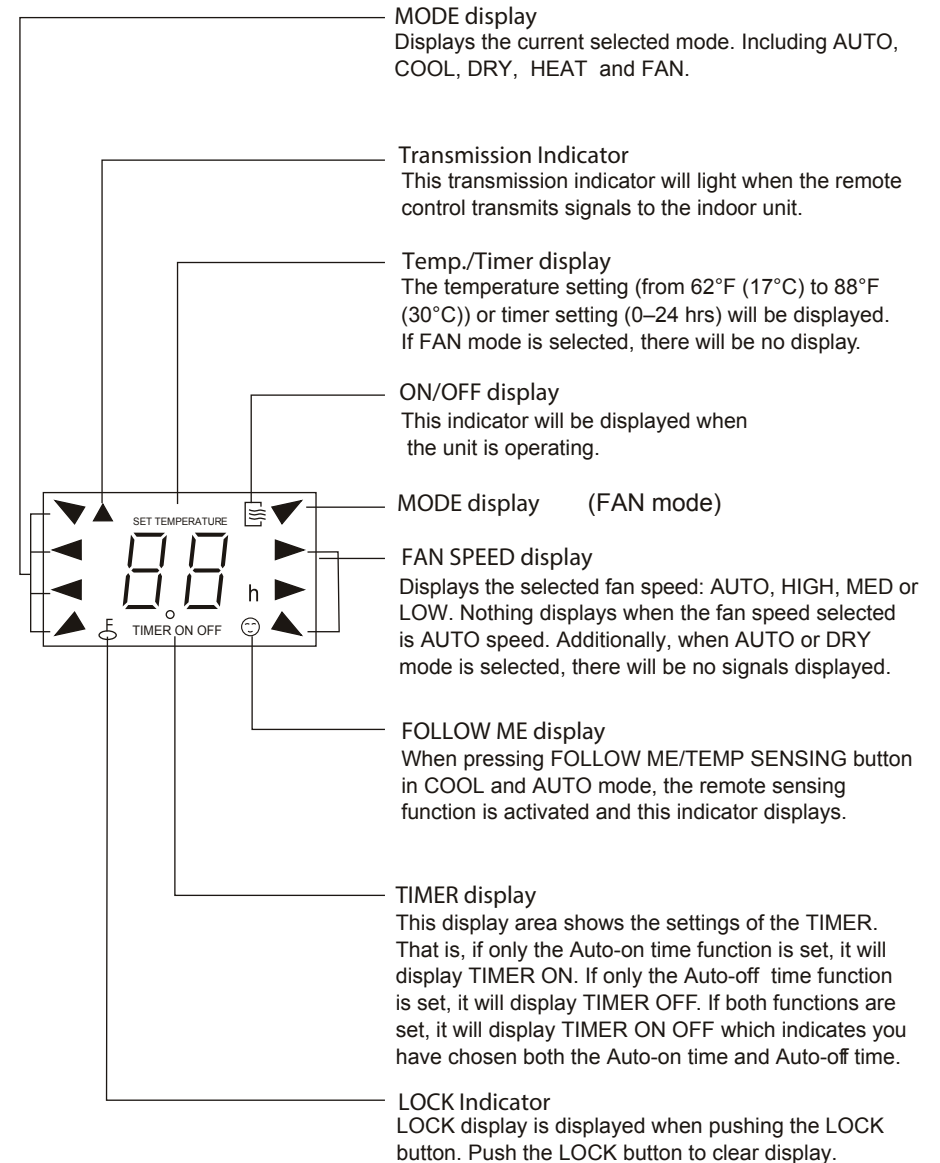
12 LOCK Button

Press this recessed button to lock all current settings, and the remote controller 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.

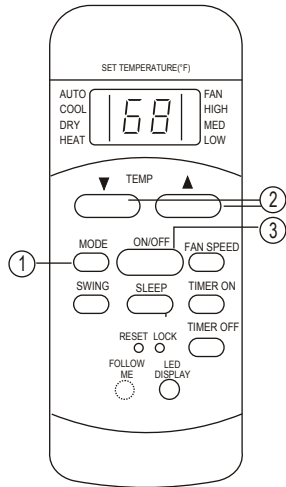
13 LED Display Button

Press this button to clear the display on the indoor unit; press it again to light the display.

Indicators on LCD



How to use the buttons

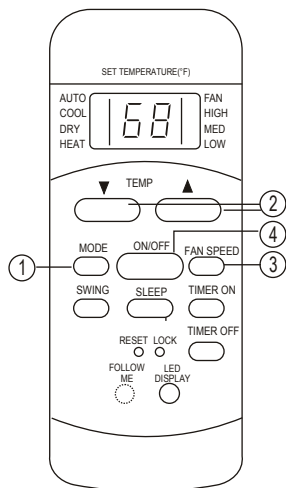


Auto operation

- 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 62°F(17°C)–88°F(30°C) in 2°F(1°C) increments.
 3. Press the **ON/OFF** button to start the air conditioner.

NOTE:

- In the Auto mode, the air conditioner automatically selects the Cool, Fan, and Dehumidify (Dry) mode by sensing the difference between the actual ambient room temperature and the set temperature on the remote control.
- In the Auto mode, you cannot switch the fan speed.



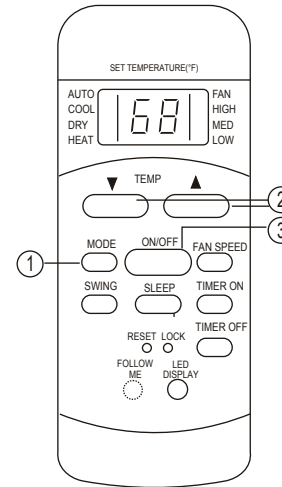
Cooling/Heating/Fan operation

Ensure the unit is plugged in and power is available.

1. Press the **MODE** button to select COOL, HEAT or FAN mode.
2. Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 62°F(17°C)–88°F(30°C) in 2°F(1°C) increments.
3. Press the **FAN SPEED** button to select the fan speed in four steps- Auto, Low, Med, High.
4. Press the **ON/OFF** button to start the air conditioner.

NOTE:

In the FAN mode, the temperature setting is not displayed on the remote control and you are not able to control the room temperature. Step 2 above does not apply for Fan mode.



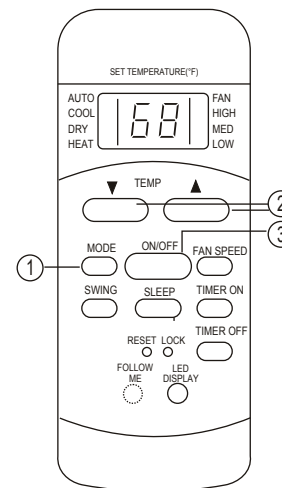
Dehumidifying (Dry) operation

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 DRY mode.
2. Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 62°F(17°C)–88°F(30°C) in 2°F(1°C) increments.
3. Press the **ON/OFF** button to start the air conditioner.

NOTE:

In the Dehumidifying (Dry) mode, you cannot change the fan speed. It is selected automatically by the unit.



Swing operation

Use the SWING button to adjust the Up/Down airflow direction.

1. Quickly press the button once to activate the air flow direction setting feature of the louver.
2. Hold the SWING button down for two additional seconds and the auto swing feature of the louver is activated. The horizontal louver will swing up/down automatically. Press the SWING button again to stop this function.

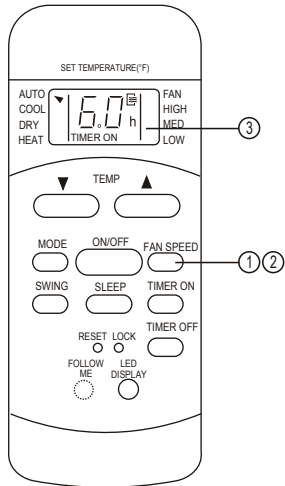
NOTE: If the louver swings/moves to a position that negatively affects the cooling and heating capabilities of the air conditioner, the unit will automatically change the louver position.

Timer operation

Press the TIMER ON button to set the auto-on time on the unit. Press the TIMER OFF button to set the auto-off time on the unit.

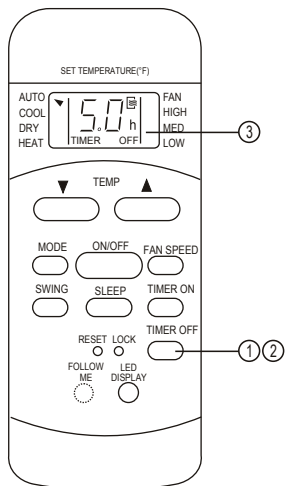
To set the Auto-on time.

1. Press the TIMER ON button. The remote control 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 for you to set 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 minute increments, up to 10 hours, then at 1 hour increments up to 24 hours.
3. After setting the TIMER ON, there will be a one-half 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 for you to set the Auto-off time.
2. Push the TIMER OFF button again to set desired Auto-off time. Each time you press the button, the time increases in 30 minute 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-half 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.



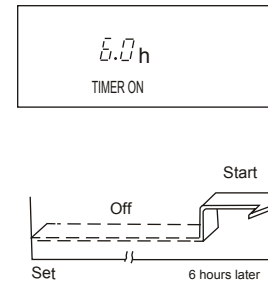
IMPORTANT

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)

Example: The TIMER ON feature is useful if you are not home but want the unit to turn on automatically shortly before you expect to return. The air conditioner will automatically start operating at the set time.



For this example, if you want to set the timer so the unit will automatically turn on in 6 hours, you would do the following:

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 and use the up and down arrows until "6:0h" and "TIMER ON" is shown on the display of the remote control.
3. Wait for about 3 seconds and the digital display area will show the temperature again. This function is now activated.



TIMER OFF

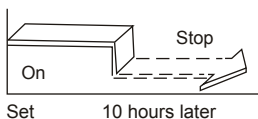
(Auto-off Operation)

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

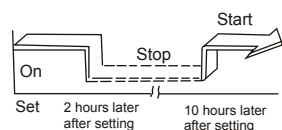
(On → Stop → Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed and have it automatically start in the morning before 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 and use the up and down arrows to set 2.0h and TIMER OFF on the display.
3. Press the TIMER ON button.
4. Press the TIMER ON button again and use the up and down arrows to set 10h and TIMER ON on the display. With both the TIMER ON and TIMER OFF set, LED will show TIMER ON OFF as shown on the image to the left.
5. Wait for the remote control to display the setting temperature.



TIMER ON → TIMER OFF

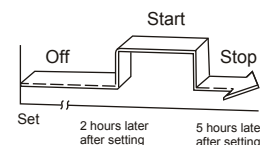
(Off → Start → Stop operation)

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

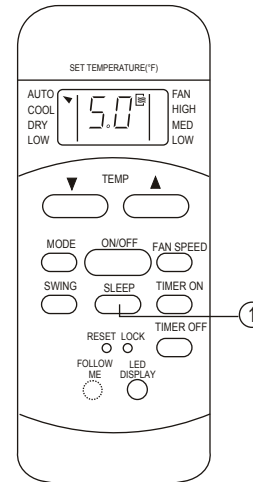
Example:

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

1. Press the TIMER ON button.
2. Press the TIMER ON button again to display 2.0h on the TIMER ON display.
3. Press the TIMER OFF button.
4. Press the TIMER OFF button again to display 5.0h on the TIMER OFF display.
5. Wait for the remote control to display the setting temperature.



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



SLEEP operation

Press the SLEEP button to activate this function. The set temperature will increase by 2°F (1°C) over the next 30 minutes and by another 2°F (1°C) after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature.

NOTE: The SLEEP function is only available under COOL, HEAT and AUTO modes.

NOTE: While the unit is running in SLEEP mode, pressing the MODE, FAN SPEED, or ON/OFF button will cancel the SLEEP mode.

NOTE:

Button design is based on typical model and might be slightly different from the actual one you purchased.

If the unit does not have one of the features in this remote control user manual, the button for that feature will not do anything when pressed on the remote control.

When there are differences between the Remote Control Manual and User Manual with regards to function description, the description in the User Manual prevails.

The device could comply with the local national regulations. In Canada, it should comply with CAN ICES-3(B)/NMB-3(B). In the USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult an experienced radio/TV technician for help.

Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.



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Perfect Aire, LLC
5151 Belt Line Rd.
Suite 878
Dallas, TX 75254

877-365-6274

www.perfectaire.us

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