



User Guide Infrared Remote Handset

IRHS-V1



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IMPORTANT NOTE:

THIS MANUAL MUST ALWAYS REMAIN WITH THE UNIT. PLEASE READ THIS MANUAL CAREFULLY BEFORE UNIT INSTALLATION, OPERATION OR MAINTENANCE.

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Features



Our infrared remote handset is a compact and user-friendly device that allows you to control your Polar Air fan coil unit with ease. Designed for everyday use, this intuitive controller lets you manage your indoor climate from a distance, giving you convenient access to all key functions so you can stay comfortable without needing to touch the unit directly.

- Lightweight and compact.
- Clearly labeled keys for effortless navigation.
- No pairing needed, aim at the unit's infrared receiver and send commands instantly.
- Powered by AAA battery x 2 (not included).
- Wall holder included.

Certifications

Our products meet the highest international standards for safety, performance, and environmental responsibility.

SAFETY	
CB	The CB Scheme is an international system for mutual recognition of product safety test results. It facilitates global market access by ensuring compliance with IEC standards.
CE	The CE mark certifies that the product conforms to European Union directives for safety, health, and environmental protection. It is mandatory for products sold in the EU. It covers: • Low Voltage Directive (LVD) – 2014/35/EU • Electromagnetic Compatibility (EMC) Directive – 2014/30/EU • Machinery Safety Directive - 2006/42/EC • RoHS Directive – 2011/65/EU • WEEE Directive
WEEE DIRECTIVE	
	This mark confirms compliance with the Waste Electrical and Electronic Equipment Directive, ensuring responsible recycling and disposal of electronic products. Included within the CE Mark.

**IMPORTANT NOTE:**

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Warnings

SAFETY SYMBOLS	
	CAUTION: Important information, read the provided instructions carefully

Disclaimers

IMPORTANT NOTE:

THIS MANUAL IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE INFORMATION CONTAINED IS INTENDED TO ASSIST QUALIFIED PERSONNEL IN CORRECT INSTALLATION, OPERATION, AND MAINTENANCE OF THE UNIT. THE MANUFACTURER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY, COMPLETENESS, OR RELIABILITY OF THE INFORMATION PROVIDED.

Modifications and Updates

The manufacturer reserves the right to make changes or updates to this manual without prior notice. It is the user's responsibility to ensure they are using the most current version of the manual. The manufacturer shall not be liable for any errors or omissions in this manual or for any consequences resulting from the use of outdated or incorrect information.

No Warranty

This manual is provided "as is" without any express or implied warranties, including but not limited to warranties of merchantability or fitness for a particular purpose. The manufacturer disclaims any and all liability for any damage or losses arising from the use or misuse of this manual.

Safety Information

General precautions

- Always adhere to the precautions outlined in this manual and the labels attached to the unit during installation, maintenance, or servicing.
- This appliance may be used by children aged 8 years and above and by individuals with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, provided they have been adequately supervised or instructed on safe appliance usage and understand the associated hazards.
- Children should be supervised to ensure they do not tamper with the appliance.
- This appliance is designed for indoor use only.
- The warranty shall be void if installation instructions and safety precautions outlined in this manual are not strictly followed.
- Keep the remote dry and away from liquids to prevent damage.
- Handle the remote carefully to avoid accidental drops that could affect functionality.
- Avoid placing the remote near heat sources or direct sunlight to avoid damage to handset.
- Use the recommended battery type and replace old batteries promptly.

Start-Up



1. Turn the remote and the unit ON

Press the "ON/OFF" button to turn the unit on. The operation light will show that the unit is in operation.



2. Adjust the set temperature

Press the "UP" or "DOWN" buttons to adjust set temperature in 1°C points (not available in fan mode).



Please note that the temperature ranges from 16°C to 30°C (60.8°F to 86 °F).

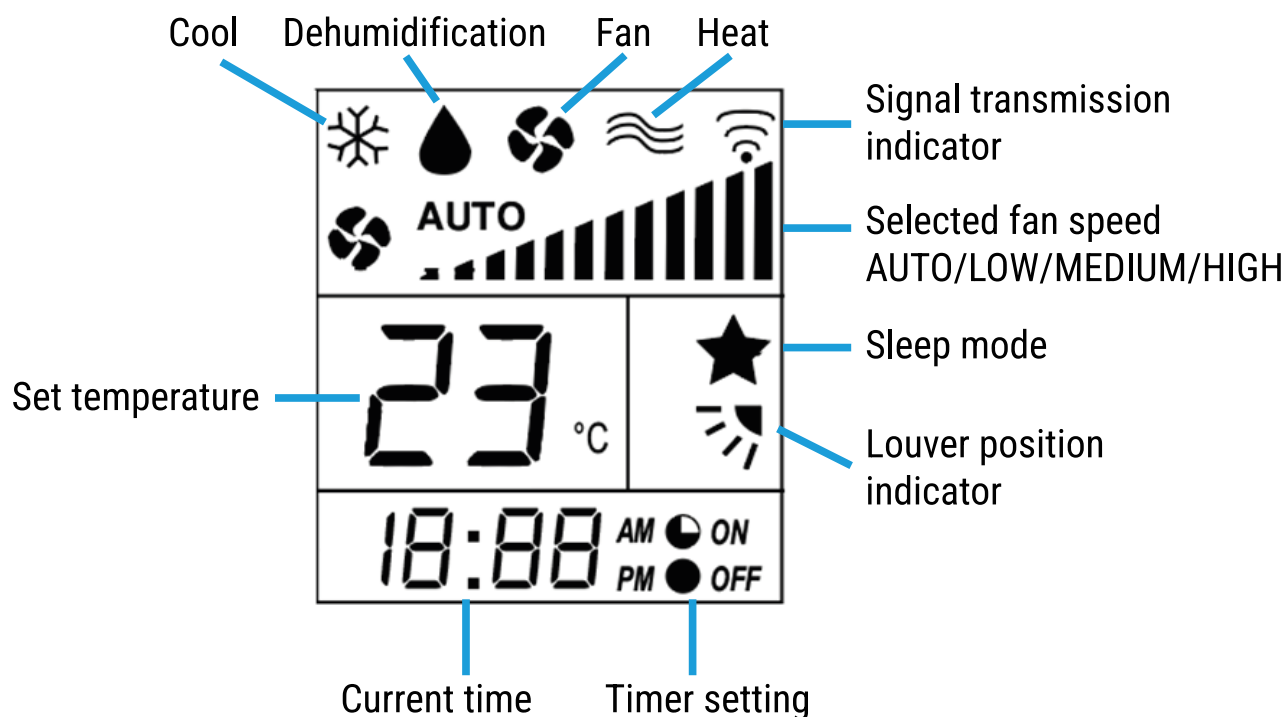
IMPORTANT NOTE:



IF THE SELECTED TEMPERATURE IS HIGHER THAN ROOM TEMPERATURE IN COOLING MODE, OR LOWER IN HEATING, THE UNIT WILL NOT START.

When you turn the remote control ON, the display shows on its screen:

OPERATION MODE



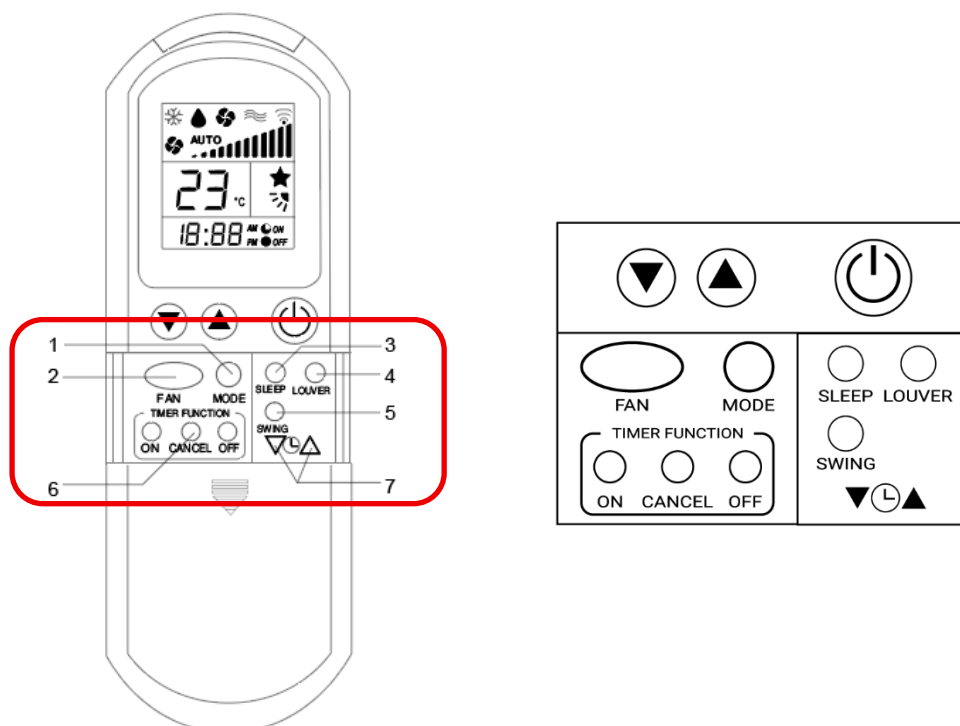
IMPORTANT NOTE:

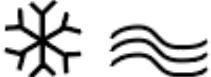


WHEN THE COOLING AND HEATING ICONS APPEAR SIMULTANEOUSLY, IT INDICATES THAT THE UNIT IS IN AUTO MODE.

Additional functions

Slide the lid down on the remote control to find the function buttons.



ITEM	FUNCTION	BUTTON	DESCRIPTION
1	MODE OF OPERATION	  FAN MODE	Press the "MODE" button to select from the various operation modes: Cool / Dehumidification / Fan / Heat / Auto (Cool + Heat): See below.
			COOL When this mode is activated, the snowflake symbol appears on the display. The unit then begins operating in cooling mode, quickly adjusting to reach the desired room temperature.
			DEHUMIDIFICATION When this mode is activated, the raindrop symbol appears on the display. The unit begins cooling operation, with on/off cycles that vary based on the ambient temperature. The fan speed remains fixed and cannot be adjusted.
			FAN When this mode is activated, the fan symbol appears on the display. Only the fan operates at the set speed, with no cooling or heating.
			HEAT When this mode is activated, the wavy air symbol appears on the display. The unit then begins operating in heating mode, quickly adjusting to reach the desired room temperature.
			AUTO When this mode is activated, the COOL (snowflake) and HEAT (wavy air) symbols appear on the display. The unit automatically sets the operation mode (COOL-HEAT) according to the difference between the set temperature and the return air temperature.

ITEM	FUNCTION	BUTTON	DESCRIPTION
2	CHANGE FAN SPEED		Press "FAN" button to change the fan speed: AUTO / LOW / MEDIUM / HIGH
3	SLEEP MODE		Press the "SLEEP" button to activate SLEEP mode: ○ In COOL mode, activating SLEEP mode sets the unit to AUTO fan speed and gradually increases the set temperature by 0.5°C (0.9°F) every 30 minutes, up to a maximum increase of 3°C (5.4°F) over the entire process. ○ In HEAT mode, activating SLEEP mode sets the unit to AUTO fan speed and gradually decreases the set temperature by 0.5°C (0.9°F) every 30 minutes, up to a maximum decrease of 3°C (5.4°F) over the entire process. Press the "SLEEP" button again to deactivate SLEEP mode. The fan speed and set temperature reverts to previous settings.
4	LOUVER ADJUST ¹		Press the "LOUVER" button to adjust the louver to different opening angles or auto-sweep. Whenever indoor fan is running, louver can swing or stop at the desired position. ○ Louver angle: 0~100°, opens clockwise with largest angle at 100°. ○ Swing angle: 35~100°, opens clockwise to 68°. Below are the 4 fixed positions which can be set from the remote handset: ▪ Position Angle: 1 35° / 2 57° / /3 83° /4 100°
5	SWING	-	This button is not available.
6	TIMER FUNCTION		ON: Press the "ON" button once to display the previously set Auto ON time. To increase the Auto ON time in 1-minute increments, repeatedly press and release the button. For faster adjustments, press and hold the button. OFF: Press the "OFF" button once to display the previously set Auto OFF time. To increase the Auto OFF time in 1-minute increments, repeatedly press and release the button. For faster adjustments, press and hold the button. CANCEL: Press the "CANCEL" button to cancel all ON and OFF timers.
7	ADJUST CLOCK		Press and hold both "UP" and "DOWN" buttons for 2 seconds to activate. Each press of the UP or DOWN button increases or decreases the current time in 1-minute increments. To speed up the adjustment, press and hold the button.

¹ Function available only for Highwall (PHW) and 4-Way Cassette (PCGH-3R)



IMPORTANT NOTE:



AFTER PRESSING ANY BUTTON ON THE REMOTE HANDSET, THE FOLLOWING SIGNAL SYMBOL WILL SHOW ON THE DISPLAY INDICATING THE SIGNAL HAS BEEN SENT FROM THE HANDSET.

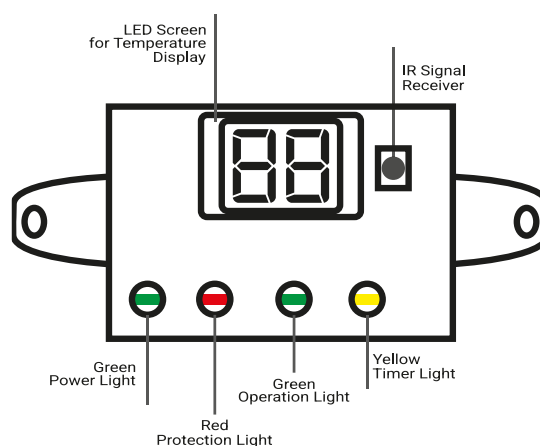
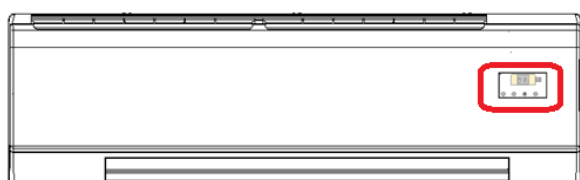
Changing temperature settings

You can change the temperature of the handset between °C and °F on the handset display by briefly pressing the "UP" and "DOWN"   buttons.

Infrared Receivers

For optimal transmission, keep the remote handset within 3m (10ft) of the fan coil infrared receiver (see diagrams below) and at a 60-degree angle from its center. Ensure there are no nearby sources of signal interference. If it's persistent, please check and replace the batteries to ensure sufficient power is available.

PHW (the receiver is underneath the front cover):



PCGH (at the front panel):



Other models:



IMPORTANT NOTE:



THE IRHS-V1 IS COMPATIBLE WITH THE WWPV3-MS GROUP CONTROLLER TO RECEIVE COMMANDS FROM THE REMOTE HANDSET AND RELAY THEM TO THE RELEVANT UNITS ACCORDING TO ITS DEFINED CONFIGURATION (GROUP CONTROL MODE OR INDIVIDUAL UNIT CONTROL MODE).

Maintenance:

Regular Cleaning: Wipe the remote with a soft, dry cloth to remove dust and dirt. Avoid using harsh chemicals.

Check Buttons: Ensure all buttons function properly and are not stuck or unresponsive.

Battery Compartment Care: Clean the battery contacts periodically to prevent corrosion.

Storage: Store the remote in a safe, dry place when not in use to prolong its lifespan.



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This document is intended for use by qualified and trained professionals. The procedures and instructions outlined herein must be followed precisely to ensure safe and effective operation. We assume no liability for injuries, damages, or losses resulting from improper installation, operation, or maintenance. Users assume all risks associated with the use of this manual.

We reserve the right to make changes or updates to this manual and the equipment it describes without prior notice. It is the user's responsibility to ensure they are referencing the most current version.

This manual is provided "as is" without warranties of any kind, express or implied, including but not limited to merchantability or fitness for a particular purpose.

Users must comply with all applicable local, regional, and national regulations.

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