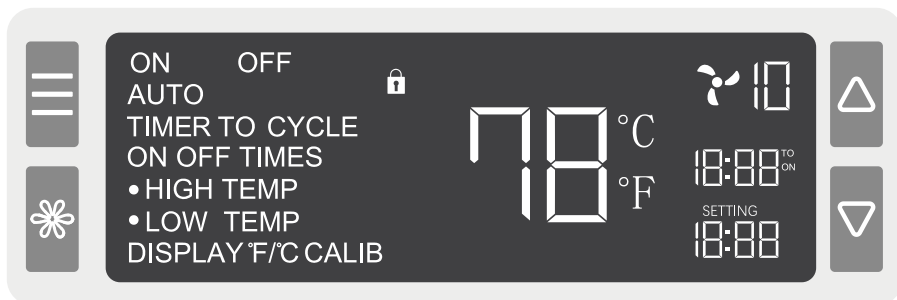


CONTROLLER OPERATION

Smart Controller

Model : BT-RTR08-LCD



MODE Button

Cycles through the controller's modes: ON, OFF, AUTO (HIGH / LOW TEMP), TIMER (TIMER TO ON / OFF), and CYCLE (ON / OFF / CYCLE TIMES).



SETTING Button

Cycles through the controller's settings: DISPLAY, °F/°C, CALIB, and F/R (airflow direction).



UP / DOWN Buttons

Adjusts values in the selected mode.  increases the value,  decreases it.



Controller Mode / Setting

Displays the current operating mode or setting.



Child Lock

Indicates when Child Lock is enabled. Press and hold  3 seconds to toggle.



Sensor Temperature

Displays the current room temperature.



Fan Speed Level

Displays the current fan speed level.



Countdown

Shows remaining time in TIMER mode (TIMER TO ON / OFF) or remaining cycles in CYCLE TIMES mode.



User Settings

Displays the current value for the selected mode.

Mode Programming

NOTE 1: Each mode functions independently. Only one mode can be active at a time.

NOTE 2: Mode settings are automatically saved, so there is no need to reconfigure after restarting the device.

ON Mode

- Press  to select ON mode.
- Use   to adjust the fan speed level (0-10).
- The speed set in this mode also applies to other modes.



OFF Mode

- Press  to select OFF mode.
- The fan will stop, and the speed will display as “0”.



AUTO Mode

- Press  to enter AUTO mode.
- When either HIGH TEMP or LOW TEMP is enabled, the corresponding indicator will flash.

AUTO HIGH TEMP

- Use   to set the HIGH TEMP trigger.
- The fan will activate when the room temperature rises above the set value and gradually increase to the speed set in ON mode.
- To disable, press and hold   simultaneously for 3 seconds.



AUTO LOW TEMP

- While in HIGH TEMP mode, press  again to enter LOW TEMP.
- Use   to set the LOW TEMP trigger.
- The fan will activate when the room temperature falls below the set value and gradually increase to the speed set in ON mode.
- To disable, press and hold   simultaneously for 3 seconds.



Auto Range Setting

- To operate the fan within a specific temperature range, set the HIGH TEMP trigger lower than the LOW TEMP trigger. **The fan will only work if the sensor temperature stays within this range.**

NOTE: Both HIGH TEMP and LOW TEMP must be enabled for this function.

TIMER Mode

- Press  to enter TIMER mode.
- This is a standalone mode used to set fan turn-on or turn-off timers. It cannot be used together with other modes.

TIMER TO ON

- Use   to set a startup countdown (max: 19h59min).
- After the countdown, the fan runs at the ON mode speed.



- While in **TIMER TO ON** mode, press  again to enter **TIMER TO OFF**.



- Use   to set a shutdown countdown (max: 19h59min).
- The fan stops when the countdown ends.

CYCLE Mode

- Press  to enter CYCLE mode. Set alternating ON and OFF durations for automatic cycling.

Step 1 CYCLE ON

- Use   to set the ON duration (max: 19h59min).



Step 2 CYCLE OFF

- Press  again to enter CYCLE OFF.
- Use   to set the OFF duration (max: 19h59min).



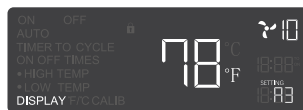
Step 3 CYCLE TIMES

- After setting CYCLE OFF, press  again to enter CYCLE TIMES.
- Use   to adjust the number of cycles (max: 1999).
- The setting will confirm automatically after 3 seconds of inactivity.
- The fan will stop when the countdown reaches “0”.
- “---” means unlimited continuous cycling based on ON/OFF durations.



DISPLAY Settings

- Press  to enter DISPLAY settings.
- Use   to switch brightness: Level 1, 2, 3, or “A3”.
 - Level 3 = Maximum brightness
 - Level 1 = Minimum brightness
- “A3” turns off the screen after 30 seconds of inactivity, while the fan keeps running.



Settings

°F/°C

- Press  to enter DISPLAY settings, then press  select °F/°C.
- Use   to switch between Fahrenheit (°F) and Celsius (°C).
- All temperature readings will update accordingly.



CALIB Settings

- Press  to enter DISPLAY settings, then press  select CALIB.
- Use   to manually calibrate the sensor temperature in 1-unit increments (range: -9 to 9) to match the actual temperature.



F/R Settings

- Press  to enter DISPLAY settings, then press  select F/R.
- Use   to adjust airflow direction:
 - F (Forward Airflow)–Fan icon spins clockwise
 - R (Reverse Airflow)–Fan icon spins counterclockwise



REMOTE CONTROL

**NOTE:**

Batteries are not included.
Install 2 AAA batteries
before using the remote.

ON

Press and hold for 5 seconds to pair the remote (beep confirms).
Press to enter ON mode. Use  to adjust the fan speed.

OFF

Press to enter OFF mode. The fan will stop running.

AUTO

Press to enter AUTO mode.

Use  to select HIGH TEMP or LOW TEMP.

Use  to set the trigger temperature. To disable HIGH TEMP or LOW TEMP, set the value to OFF (between 0 and -1).



Press to enter TIMER mode.

Use  to select TIMER TO ON or TIMER TO OFF.

Use  to set the countdown.



Press to enter CYCLE mode.

Use  to select ON, OFF, or CYCLE TIMES.

Use  to set duration or cycle count.



Press to adjust airflow direction:

F (Forward Airflow)–Fan icon spins clockwise

R (Reverse Airflow)–Fan icon spins counterclockwise



Press to toggle buzzer sound.

Press and hold for 3 seconds to enable/disable child lock.



Press to enter DISPLAY settings.

Use  to adjust brightness.

Use  to switch between °F/°C , CALIB, or F/R settings.

FCC Warning Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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 the dealer or an experienced radio/TV technician for help.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.