

A34V02 Controller User Manual

This controller is specially designed for electrical control of light wave sauna rooms, featuring:

- Temperature Control
- Timing Function
- Lighting Control
- Color Light Therapy
- USB Function
- FM Function
- Bluetooth Function
- Power-off Memory
- Telephone Answering

Technical Parameters:


- Working Voltage: AC 90-265V 50Hz/60Hz
- Maximum Heating Current: 25A
- 12V Output Power: 8A
- Timing Range: 1-99 Minutes
- Temperature Control Range: 18°C-65°C (66°F-150°F)

Display Operation Panel:





1、One LCD Display Window


2、five buttons:


1) : Press once to turn the power on/off.

2) : Press once to switch to USB music playback mode.


3) : Press once to switch to FM mode.


4) : In FM mode, press once to mute the sound, and press again to unmute. In Bluetooth and USB modes, press once to pause. When a phone is connected via Bluetooth and an incoming call is received, pressing this button answers the call, and pressing it again hangs up.


5) : Adjust the temperature. Hold the button to change rapidly. Press both left and right buttons simultaneously to switch between Fahrenheit and Celsius. In FM mode, long-press the left button to enter automatic station search; stations are saved automatically after completion. In FM, MP3, and Bluetooth modes, press once to skip to the next frequency or song.


6) : Adjust the time. Hold the button to change rapidly. In FM, MP3, and Bluetooth modes, it adjusts the volume.


3、5 Small Buttons:

1) : Press once to enter Bluetooth mode. Bluetooth device name: BT301-AUDIO.

2) : Reserved button; no operation when pressed.

3) : Color LED button. When the LED is off, press once to turn it on, and the light will automatically fade. Press again to enter fast color-changing mode. Each subsequent press changes the color until the LED turns off.

4) : External light button. Press once to turn the external light on or off.

5) : Internal light button. Press once to turn the internal light on or off.

Error Codes:

Temperature sensor malfunction: The temperature digital display shows "EE."

Electrical Box Data Cable:

1. 7-core wire: Connect to the display board.
2. 3-core wire: Connect to the display board.
3. 2-core red/black wire (long): Connect to 12V internal lights (with XH-2A plug).
4. 2-core red/black wire (short): Connect to 12V external lights (with XH-2A plug).
5. 2-core red/black wire (with VH-2A plug): +12VDC output for connecting to CD players, etc.
6. White 4-core wire: Connect to phototherapy lights or light strips (optional).
7. White 5-core wire: Connect to phototherapy lights (optional).

Display Board Data Cable:

1. 7-core wire: Connect to the electrical box.
2. 3-core wire: Connect to the electrical box.
3. 2-core white wire: Connect to the temperature sensor.
4. 4-core wire: Connect to two speakers.
5. Single-core red wire: Serves as the radio antenna.

FCC Warning

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.

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

Note: 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.

*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.