

Sauna Room User Manual

FCC ID: 2BWZH-QDCP2

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
- High-temperature Alarm

Technical Parameters

- Working Voltage: AC 90-265V 50Hz/60Hz
- Maximum Heating Current: 20A
- 12V Output Power: 10A
- Timing Range: 1-99 Minutes
- Temperature Control Range: 30°C-65°C (86°F-150°F)

Display Operation Panel



1、Two digital tube display windows:

Left 188-segment digital tube: Displays the internal temperature of the cabinet.

Right 88-segment digital tube: Displays the remaining timing time.

2、three LED indicators in total:

Power Indicator;Heating Indicator: Lights up when heating is activated; turns off when heating is deactivated.F Indicator: On indicates the displayed temperature is in Fahrenheit.

3、seven buttons

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

2) :Lighting Switch Operation, Press once: Interior light ON, exterior light OFF. Press once more:Interior OFF, exterior light ON.Press again in order to fully open - fully close

3) : Power On/Off Operation. Long-press the color light button: The temperature digital tube will display "LX" (X ranges from 1 to 9), with "X" flashing. Subsequent presses  on the color light button: Change the LED color and dynamic state.

4)  Temperature Adjustment Buttons ("+" and "-"): Temperature adjustment: Press and hold the temperature button, the temperature will change rapidly.

5)  Time Adjustment Buttons ("+" and "-"):Timing adjustment: Press and hold the time "+" or "-" button, the timing duration will change rapidly.

6)  Simultaneously press the temperature "+" and "-" buttons to switch between Fahrenheit (°F) and Celsius (°C).

Error Codes:

- 1) Temperature sensor malfunction: The temperature digital display shows "EE."
- 2) High-temperature Protection When the temperature is $\geq 75^{\circ}\text{C}$, the temperature digital tube will display "H"

Data Cable

- 1、 7-core Wire Connect to the display board.
 - 2、 3-core Wire Connect to the display board.
 - 3、 Long 2-core Red-Black Wire Connect to 12V internal light (with XH-2A plug).
 - 4、 Short 2-core Red-Black Wire Connect to 12V external light (with XH-2A plug).
 - 5、 White 4-core Wire Connect to phototherapy lights or light strips (optional).
 - 6、 White 5-core Wire Connect to phototherapy lights (optional).
- 7、 2-core Red (+)/Black Wire +12VDC output, can connect to CD players, etc

FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

RF Exposure Information

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 and your body.