

GDY-100series far infrared sauna intelligent controller manual

1. The controller is used for far infrared sauna electrical control, and has:

- Heating temperature control function
- Timing function
- Heating temperature control function • Timing function
- Lighting control • Temperature display
- Lighting control • Temperature display
- Light therapy function • Bluetooth playback
- Light therapy function • Bluetooth playback

II. Technical parameters

- Operating voltage: AC110V 50Hz/60Hz
- Heating relay current: 16A250VAC
- Seat relay current: 10A250VAC
- Light MOS output: maximum 3A/12VDC
- Timing: 1-90 minutes
- Temperature control: 25°C~65°C (75~150°F)

3. Operation method


Press the effective key and all the keys will beep.












1. Standby state:


The upper battery buzzes

2. Heating function




In standby state, click the button  to open the far infrared heating function. The light wave temperature and light wave time are set by default as the previous set temperature and time. The upper display shows the temperature and the lower display shows the time.





Sauna Temperature Adjustment: When heating is activated , short-press the -press the "" and "" keys to adjust the light wave temperature. The adjustable range is 75-150°F (25-65°C),  with a 1-degree step. Long-pressing the "" and "" keys will incrementally increase or decrease the temperature. After adjustment, the digital display will flash five times before automatically saving the setting. Heating will activate if the displayed temperature drops below the preset value, and deactivate when the displayed temperature matches the set value.

Heating Duration Adjustment: When heating is activated,  short-press the "+" key to activate  the  timer. The digital display will flash, allowing you to adjust the heating duration (range : 1-90  minutes, 1-minute increments). Long-press the "-" and "+" keys to incrementally increase or decrease the time. After completing adjustments, the system will automatically save the settings. When the countdown reaches zero and triggers a 5-second shutdown beep, the timer is ready for use.




When the far infrared sauna  room is opened, the button can be used to open or close the seat heating, which is not controlled by temperature. The far infrared sauna room will be automatically closed when it is turned off.

3. Sound function

After powering on , press the button  or tap directly to activate Bluetooth. Open the phone settings> Bluetooth> Search device "BT301-AUDIO" for pairing.  Once

connected, you can play  songs. Tap to start playback (time displayed  as bL). Tap again to turn off the temperature zone display and  Bluetooth . Long press to show the UL indicator in the temperature zone and the volume level (0-30) in the time zone. Adjust the volume using the "" and "" buttons.

4. Control of therapeutic lamps, color lights and lighting lamps

- 1) Press  the button to turn on or off the physiotherapy lamp. When the physiotherapy lamp is turned on, the color light panel will emit red light and the infrared light will also be turned on (invisible), and the color light key cannot be operated.
- 2) When the therapy lamp is turned  off, press the button to activate or deactivate the color lights (the color settings will retain the last state before shutdown). Long-press the light button to enter color adjustment mode. The temperature  display will show "LX" (where X ranges from 1 to 9), while the time display will show "2n". In this mode, press buttons to change colors: "L1 2n" red, "L2 2n" pale yellow, "L3 2n" green, "L4 2n" cyan, "L5 2n" blue, "L6 2n" pink, "L7 2n" gradient, "L8 2n" flicker, and "L9 2n" full brightness (colors depend on the RGB wiring sequence).

FCC Requirement

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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 Portable 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 and your body.