

# Full Spectrum Sauna Installation/Instruction Manual



Please read the SAFETY INSTRUCTIONS carefully before using the sauna. The installation of the sauna requires a minimum of two people. You should not try to install the sauna on your own to avoid damage or injury.

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## **1. Installation Instructions**

### **1) Safety Instructions**

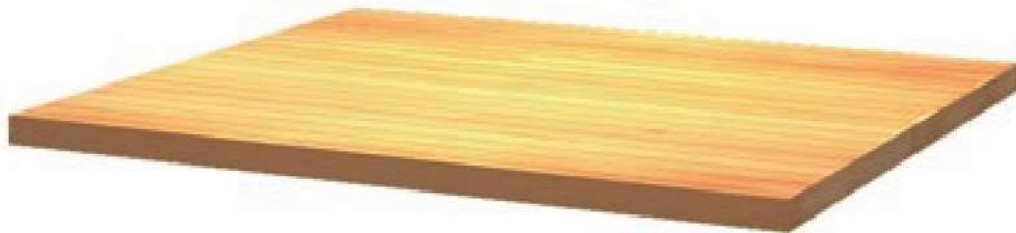
- 1) No plumbing or plumbing fixtures should be placed in the sauna.
- 2) Keep all liquids away from the heating panels.
- 3) Install the sauna on a completely level surface.
- 4) Install the sauna in an area that is dry.
- 5) Flammable objects and Corrosive chemical substances should be kept far away from the sauna.

## ※ 2 Person Straight Sauna Installation

(For 3Person Corner, see page 7)

(The following pictures are used for your reference. If your sauna has some differences from the pictures, please just follow the steps.)

1) Open sauna packages in a large area. Place Floor Panel in the desired location.



**2) Place the back panel on the floor panel vertically.**



**3) Place the left panel on the Floor panel in the same way.**



**4) Place and screw in seat panel frame first, then the calf panel.**



**5) Place the seat panel in and screw it down.**



6) Place the right panel on the Floor panel in the same way.



7) Place the front panel between the left wall and the back wall and slide it down vertically.



**8) Place the roof panel on top with the ventilation at the back.**



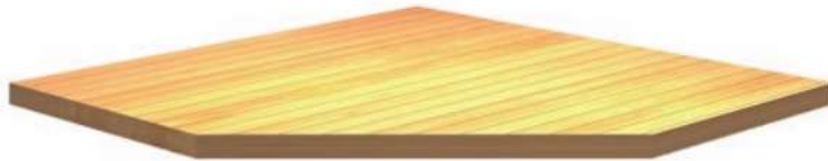
**9) Connect the wires on the top. Please refer to the pictures below (3 steps).**



**10) Raise the External Top Cover above the sauna. Pull the power wire out through the cover hole and attach the cover with the screw.**

## ※ 3 Person Corner Sauna Installation

1) Open sauna packages in a large area. Place Floor Panel in the desired location.



2) Place the back panel on the floor panel vertically.





**3) Place the left panel the same way.**



**4) Place the right panel the same way.**



**5) Place and screw in seat panel frame first, then the calf panels.**



**6) Place and screw down the seat panels.**



- 7) **Place the front panel. Slide it down vertically between the left wall and the right wall.**



**8) Place the roof panel with the ventilation at the back.**



**9) Connect the wires on the top. Please refer to the pictures below ( 3 steps).**



**10) Raise the External Top Cover above the sauna. Pull the power wire out through the cover hole and attach the cover with the screw.**

***Thanks, and Congratulations on your new  
ZA Sauna!***

**✂ Towel rack, cup holder, magazine holder, and oxygen ionizer installation**

Although there are small pre-drilled holes for these items, the towel rack, magazine holder, and cup holder can be placed wherever you prefer if you do not damage the wood. If installed in a different location, it would be a good idea to pre-drill the holes before you tighten the screws. The oxygen ionizer should be installed in the upper left of the back panel, where there is a small wire that should be fed from the top panel.

**Oxygen Ionizer**



**Color Light**



**Speaker**



**Cup Holder**



**Towel Bar**



**Magazine Holder**



## **2. Operation Instructions**

### **1) Safety Instructions**

- 1) Check all the circuitry and the plug connections carefully.
- 2) Install a voltage regulator if the power is unsuitable.
- 3) Do not share the outlet with other electrical appliances to avoid danger.
- 4) Do not use the sauna if under the influence of alcohol, drugs or medications.
- 5) Pregnant women or people with health conditions should consult their physicians before use.
- 6) Minors should be supervised to prevent injury.
- 7) Allow up to 30 minutes to heat up.
- 8) Do not use the room for drying clothes, bathing suits, etc.
- 9) Do not put animals in the room.
- 10) After 2 hours of continuous use, shut the sauna down for one hour.

### **2) USE ENVIRONMENT**

- 1) Temperature: 5-40°C; 37-72°F
- 2) Comparative humidity:  $\leq 85\%$ ;
- 3) Atmospheric pressure: 700hpa~1060hpa;
- 4) Power: AC 120V $\pm$ 22V, 50HZ $\pm$ 1HZ.

### **3) CHARACTERISTICS**

- (1) Wooden frame;
- (2) Electronic controls and constant temperature automatically;
- (3) Imported high-precise numerical transporter;
- (4) Electronic keying;
- (5) Far-infrared radiate heaters;

## 4) OPERATION INSTRUCTIONS



1. Power the sauna on.

Press and hold "power " to power the sauna on.

While powered off, press and hold the power button to power the sauna on. While powered on, Press and hold to power the sauna off. The system remembers the last used temperature and time as the default time is 60 minutes.

2. Temperature setting

After the sauna is turned on, click temperature + and temperature - to adjust the temperature of the sauna. The temperature adjustment range is 32-62°C, or Fahrenheit: 90-145°F, below 32°C/90F the display will read LO.

Activate the incoloy heaters and the quick heat technology by flipping the switch below the incoloy heating panels to the left. Then turn the knob above the heating panel on and all the way to the right. Once you have turned these on, they will now turn on and off when turning the sauna on or off.



Fahrenheit and Celsius conversion: press "TEMP-" + "mode" for 5 seconds to convert between Fahrenheit and Celsius.

### 3. Set the time

The adjustable range is from 5-60 minutes in 5-minute intervals.

### 4. Turn the lights on (independently controlled)

Press the "light" button to turn the lights on or off independently. The Button will light up and the lights will come on press and hold the light button to access the light menu. Press time+ to turn the overhead light on or off. Press the time- button to turn the back lighting on or off. There is a remote to control the color and speed of the back lighting. To change the color of the top light, press the light button to cycle through the different therapeutic colors. **Red Light Therapy is L7.** Parameter: DC12V 10W.

**\*Activate Red Light Therapy by pressing the light button and cycling to L7.**

### 5. Audio (independently controlled)

(1) Press the "audio" button once, the button will light up and turn on the Bluetooth. At this time, open the Bluetooth feature on your mobile device, search and connect the Bluetooth pairing. Pairing time is 6-7 seconds, the temperature zone displays "bLU", the clock zone displays "XXdb", and click time +/- to adjust the volume. If there are no buttons pressed for 8 seconds, the display switches back to temperature and time.

Note: in the process of Bluetooth pairing, switching between Bluetooth, USB and radio cannot be carried out immediately. The time interval of the switch should be 6-7 seconds. If the switch is made immediately, it can be converted after 6-7 seconds.

(2) Press this button again to access the USB menu, the temperature area displays USB, the temperature +/- adjusts the previous song and the next song, the clock area displays "XXdb", the time +/- adjusts the volume, If there are no buttons pressed for 8 seconds, the display switches back to temperature and time.

Note: the USB flash drive takes 2-3 seconds to read

To ensure the quality of the disk, please use the factory produced U disk, and the best U disk only MP3 files, not as a boot disk or storage system files



(3) press this key again to turn off the audio.

#### 6.High temperature protection

When the detection temperature of the sensor exceeds 75°C or 167°F, the two digital displays will read HH at the same time, it will alarm and flicker, all functions stop, even if the temperature drops to below 65 degrees Celsius, the functions cannot be restored until the power is switched off and then on again for normal use.

#### 7.Sensor fault detection

Open circuit: the control pad will display E0 and flash, it will alarm, function cannot be used normally, can be used normally after troubleshooting.

Short circuit: the control pad will display E1 and flash, it will alarm, functions cannot be used normally, can be used normally after troubleshooting.

## **5) TROUBLESHOOTING**

### **I. The light bulb is not working**

	<b>Reason</b>	<b>Repair</b>
1	The bulb is burned up.	Change the bulb.
2	The bulb and the socket are not connected well.	Pull out the bulb and check the socket, change the socket if necessary. Then plug it back in.
3	The fuse is burned up.	Change the fuse. On the top of the ceiling.

### **II. The control panel is not working**

	<b>Reason</b>	<b>Repair</b>
1	The cable of the control panel is not connected well.	Check the cable connection and fix it.
2	The fuse is burned up.	Change the fuse on the top of the ceiling

3	The power indicator light is on, but no LED display.	Most likely will need a new control panel
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### **III. The far infrared heaters are not working.**

<b>Problem</b>	<b>Reason</b>	<b>Repair</b>
1 One of the heaters doesn't heat.	1) The heater is not connected properly	Check connection
	2) The heater needs replacement	Replace heater
2 All heaters don't heat.	1) The power plug is not connected properly	Check power plug
	2) The heaters are not properly connected	Fix the connections
	3) Relay malfunction	Change relay
	4) Control panel malfunction	Change control panel

## **6) MAINTENANCE**

- I. The sauna should be kept clean and odor free.
- II. Damp towels should always be used on benches otherwise perspiration penetrates the soft wood.
- III. Air out the sauna often by keeping the door and vents open when the sauna is not in use.
- IV. Saunas that are in daily use should be washed down at least once a week to keep them clean and the air fresh.
- V. Inspect benches regularly for required maintenance.
- VI. To clean and remove perspiration stains, use soap or detergent in warm water, best applied with a scrub brush
- VII. Badly soiled surfaces may require sanding. Sandpaper wrapped around a wooden block works well.