

## Installation Instructions Bluetooth Audio Kit for Saunalogic<sup>2</sup>

**Read instructions thoroughly before attempting installation!**

This document outlines the basic steps necessary to electrically connect your Bluetooth (BT) Audio kit to the Saunalogic<sup>2</sup> control package (required to operate this kit, sold separately).

**Note:** *The BT-2 should be mounted outside of the sauna in an area free from moisture, electrical interference or metal obstructions that could reduce the range of the BT antenna, which is built into the BT-2 box.*

**Note:** *The speakers are heat and water resistant but care should be taken to avoid mounting directly above the sauna heater.*

Mounting your speakers over benches, in the back wall (under the upper bench) or inside wooden speaker enclosures are acceptable mounting options and will provide the best sound. The speakers will require a 3-7/8" diameter clearance hole with a minimum of 1-3/4" of depth.

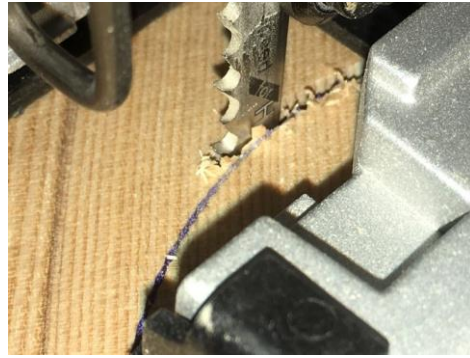
### Verify contents of kit:



1. Speaker (qty 2)
2. Speaker Covers with 4/ea mounting screws (qty 2)
3. BT-2 Bluetooth box w/ mounting screws (not shown)
4. Speaker cables, 18' (qty 2)
5. Power Cable, 18'
6. Y-output cable

### **Mounting speakers:**

Push on screen from back side of speaker cover. The screen should easily pop out. You can use the opening in the cover as your template for cutting the clearance hole in your sauna wall/ceiling or draw a 3-7/8" diameter circle. If using the cover as a template, cut on the outside edge of the circle to get correct size hole.



To mount speaker, place the trim ring over the hole in your T&G then put the speaker inside the hole, being careful to line up the 4 mounting holes in the speaker with the holes in the trim ring.



Secure the assembly with the 4 black screws provided in kit. Snap the grill cover back on to complete the installation.



***👉 Hint: Mounting the speaker to the trim ring, with the screws before putting in the ceiling will make it easier to mount if you are by yourself.***

### Electrical Connections:

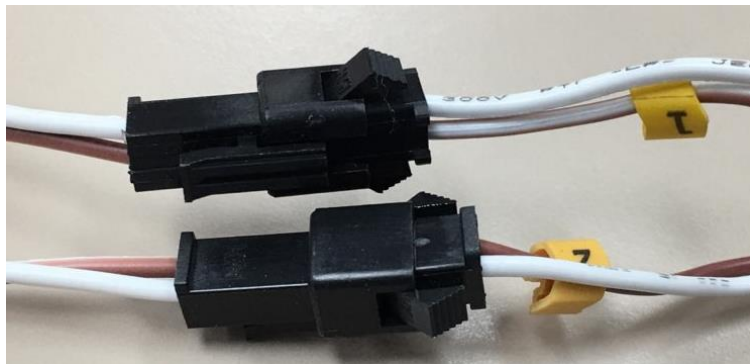
#### Speakers:

Connect the wire with the brown stripe to the positive (+) terminal on the speaker and the solid white wire to the negative (-) terminal.

 **Note:** *your wires may not have the red insulators shown in photo. They are not needed*

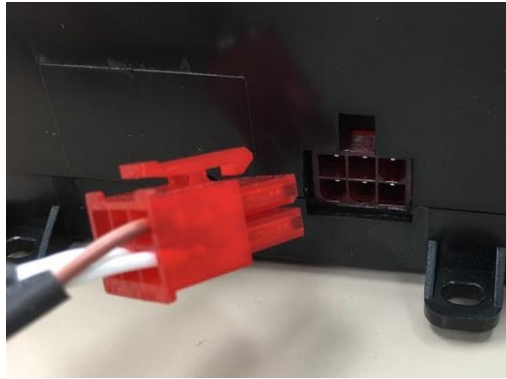


Connect the other end of the speaker wires to the “Y” harness that will be connected to the BT-2 box shown in the next step. The wire leads from the right speaker should be connected to the “Y” harness wire number 1. The left speaker leads to “Y” harness wire number 2.



**BT-2 box:**

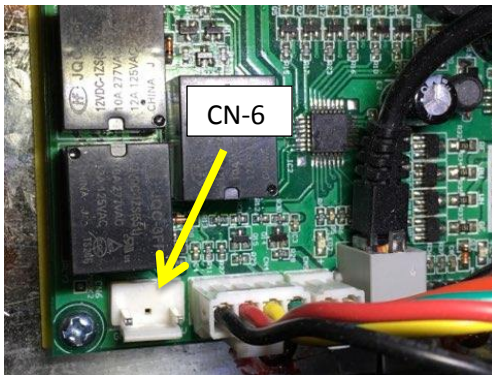
The BT-2 box has two plug receptacles located on its sides. Plug the “Y” cable with the red connector to the smaller receptacle on the side of the box. Plug the Power cable’s large connector to the large receptacle on the other side of the box.



Connecting Power cable to Saunalogic<sup>2</sup> contactor box:


The opposite end of the red/white power cable has a small white connector that is to be plugged into the main PCA board, position CN-6 located inside the Saunalogic<sup>2</sup> contactor box, (CB-13 or CB-14). This connection will provide power to the BT-2 box whenever the Bluetooth button is selected on the Saunalogic<sup>2</sup> touch screen.

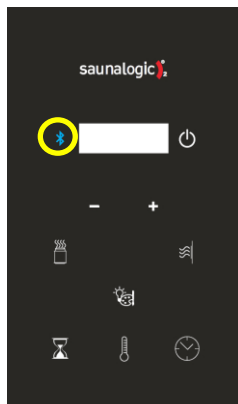
**⚠ Warning! Make sure power to the CB-14/CB-13 box is OFF before working inside.**



### System Operation:

#### *Restore power to the CB-14 box*

To power up the system, press the Bluetooth icon,  on the Saunalogic<sup>2</sup> control face. (shown in yellow circle below) It should glow blue and you will hear a confirmation tone from the audio system speakers.



Open “settings” on your mobile device and make sure that Bluetooth is turned “ON”. Your phone will search for new devices and you will see **TyloHelo Audio** show up in the discovered devices screen. Select the new device to pair with the audio system. When successfully paired, you will hear another confirmation tone through the system speakers. On initial start-up, it may take a few minutes to link.

Open your favorite music app to select content to listen too. All system functions such as play, skip, volume and pause are controlled via your smart device.

**👉 Note: It is not recommended to leave your mobile device inside the sauna. The devices warranty may be void if damaged from excessive heat or moisture.**

## **Troubleshooting:**

<b>Symptom</b>	<b>Solution</b>
Bluetooth system does not work	Verify Bluetooth power button is “on” at the Saunalogic <sup>2</sup> Control. Verify that the red/white power cable is plugged into the correct spot inside the contactor box. Verify that the correct Bluetooth device is selected in your mobile device settings.
My mobile device can’t find the BT-2 system	Cycle power on the Saunalogic <sup>2</sup> Control. Cycle power at main breaker. Cycle Bluetooth on/off on your mobile device. Initial link can take several minutes.
Volume is too low or high coming from speakers	Volume is controlled by your mobile device.
Audio fades frequently	Mobile device may be too far away from BT-2. BT-2 may be located too close to other electrical devices that are interfering with signal. Move to different location.

## Replacement Parts List

*Replacement parts are available exclusively through TyloHelo Inc.*

4.5” 4Ω speaker	9252-036
Speaker cover with metal mesh grill/screws	9252-023
BT-2 Bluetooth PCA w/ enclosure	3210-9004
Speaker wire with spade and modular plug ends, 18’	
Speaker output Y cable	
Power cable, main 18’	
Installation instruction manual	73-0119
Complete Audio Kit for Saunalogic <sup>2</sup>	9252-060

## Warranty

TyloHelo Inc. will warrant any component of the Saunalogic<sup>2</sup> Bluetooth Audio System for a period of 1 year from date of purchase when used as instructed in a sauna environment and connected to a Saunalogic<sup>2</sup> control system. Any other use may void the warranty. Contact TyloHelo Technical Support for warranty or installation assistance. 1-800-363-0251 or [techsupport@tyloheloinc.com](mailto:techsupport@tyloheloinc.com)

Date of purchase: \_\_\_\_\_ Place of Purchase \_\_\_\_\_

Record product serial number here

*Please retain your original sales receipt as proof of purchase*