

**OCTANE**  
SEATING  
HIGH PERFORMANCE COMFORT

# 200W BASS SHAKER AMPLIFIER WITH REMOTE

## User Manual



Model: OCT-BSAR200

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# IMPORTANT SAFETY INSTRUCTIONS

## READ BEFORE OPERATING EQUIPMENT

1. Read these instructions and keep them for future reference.
2. Carefully follow instructions and warnings.
3. To reduce the risk of electric shock, do not remove cover.
4. To reduce the risk of fire and shock do not use this device near water, expose to rain or moisture.
5. Clean amplifier housing only with a dry cloth.
6. Do not block any of the ventilation openings.
7. Do not install near any heat sources (including amplifiers) that produce heat.
8. Do not remove power cable grounding plug.
9. Prevent the power cable from being stepped on or pinched.
10. The unit should be connected to an earth grounded AC electrical socket.
11. The unit should be operated in a well-ventilated area.
12. Unplug this unit during lightning storms or if not in use for an extended period of time. This device can be plugged into a surge protector or power strip but should NOT be plugged into a UPS (uninterruptable power supply).
13. Refer all servicing to qualified personnel.
14. No user serviceable parts inside.
15. Minimum clearance is 2 inches.

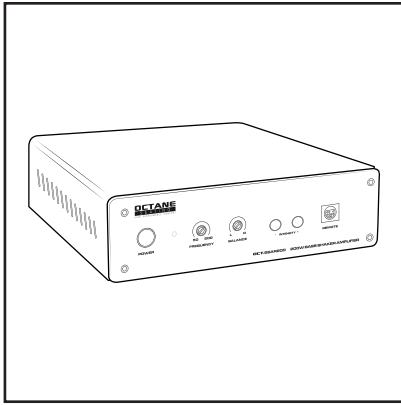
## FCC STATEMENT

1. This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:
  - a. This device may not cause harmful interference.
  - b. This device must accept any interference received, including interference that may cause undesired operation.
2. FCC Radiation Exposure Statement: Mobile device.

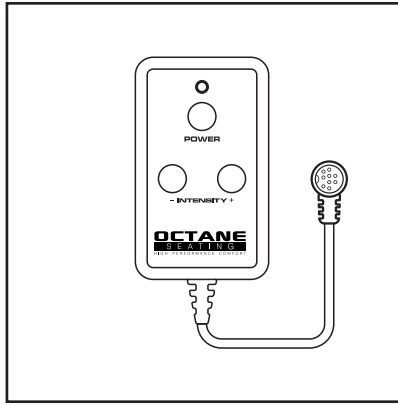
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.



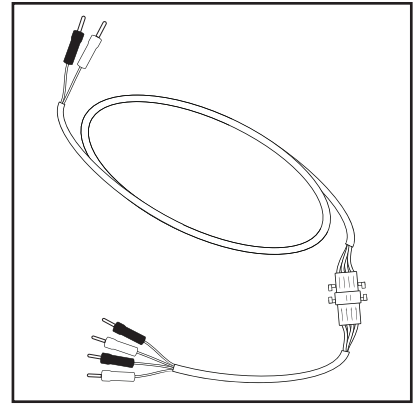
## WHAT'S IN THE BOX



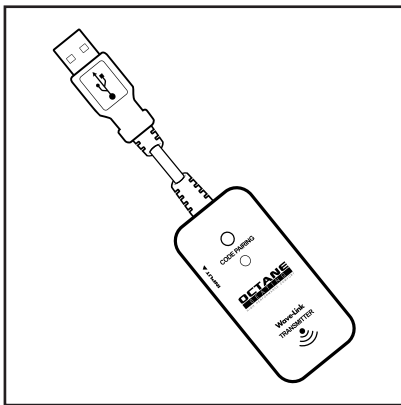
Part No. OCT-BSAR200  
**Amplifier**



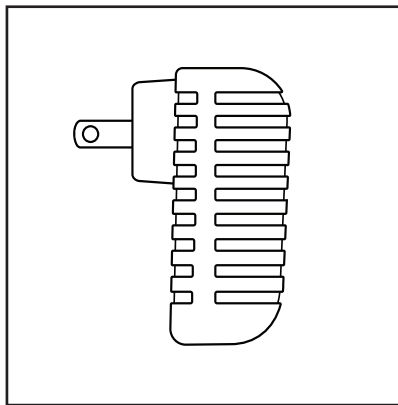
Part No. OCT-8101  
**Wired Remote Control**



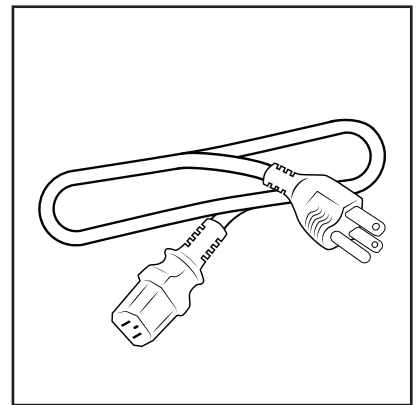
Part No. OCT-8402  
**Bass Shaker Harness**



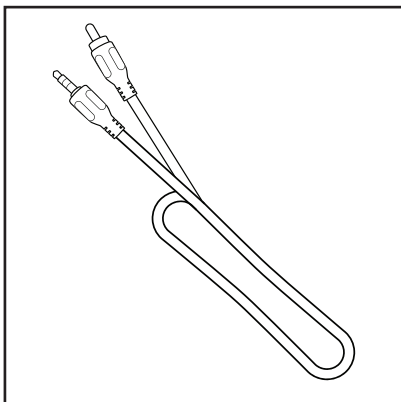
Part No. OCT-7602  
**Wave-Link Transmitter**



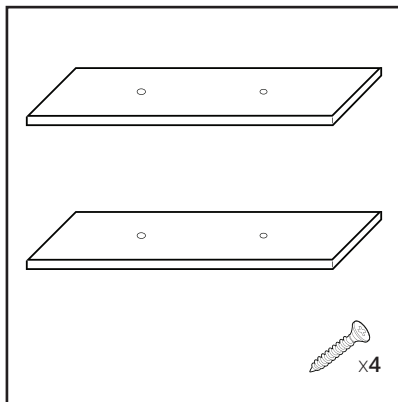
Part No. OCT-7603  
**DC 5V Power Supply**



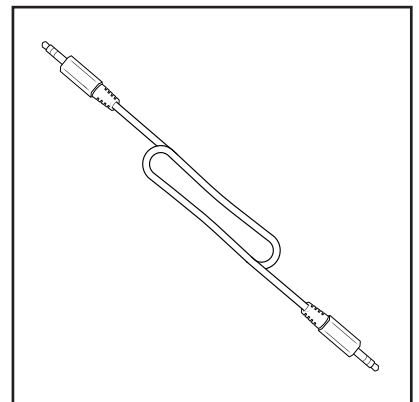
Part No. OCT-8109  
**Power Cord**



Part No. OCT-4720  
**RCA to 3.5mm Cable**



Part No. OCT-5612  
**Amplifier Stand**



Part No. OCT-4721  
**3.5mm to 3.5mm Cable**

## AMPLIFIER OPERATION – FRONT PANEL

### 1. Power Button

Press the power button on the front panel of the OCT-BSAR200 to turn on and off the amplifier.

### 2. Power LED

The amplifier LED will be BLUE if the amplifier is active and ready to use. If the amplifier is in auto/standby mode the LED will be RED.

### 3. Frequency Adjustment

Rotate the frequency adjustment left or right to set the desired frequency output. The adjustment range is from 50Hz to 200Hz.

### 4. Balance Adjustment

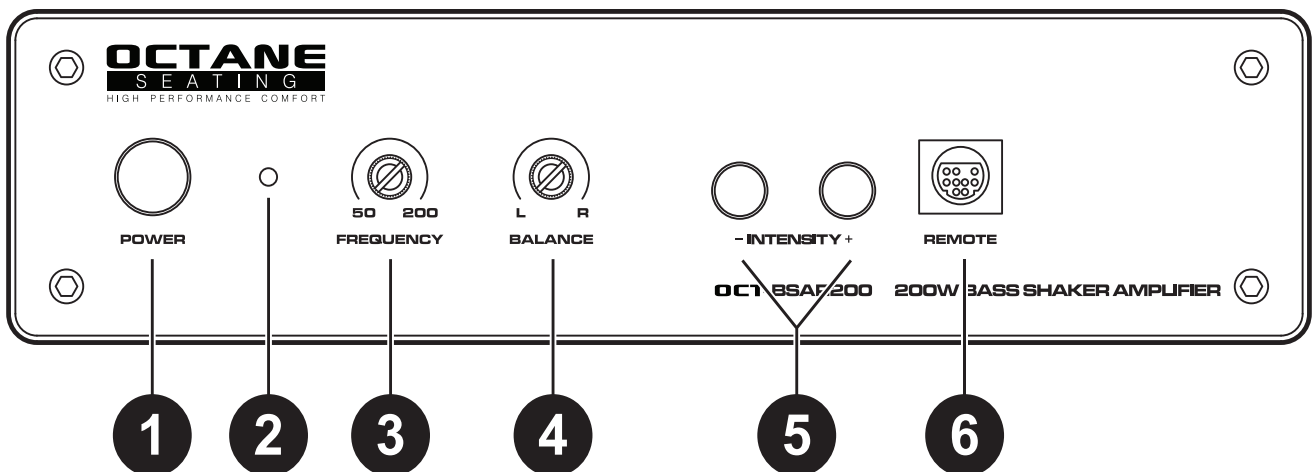
Rotate the balance adjustment (stereo mode) left or right to set the desired output balance of left and right channels.

### 5. Intensity Adjustment

Press the intensity - or + button to adjust the amplifier output to the desired level.

### 6. Remote

The included wired remote control has an intensity adjustment and power button for your convenience but is not required to operate the amplifier. Connect the remote to the front panel, be careful to properly align the connector.



## AMPLIFIER OPERATION – REAR PANEL

### 1. Line Out

Line output RCA L/R connectors can be used to connect (daisy chain) multiple OCT-BSAR200 amplifiers together. The number of amplifiers should be limited to 4 in this type of configuration.

### 2. Line In

Line input RCA L/R connectors for connection to your source device.

### 3. Auto Switch

Auto position enables the amplifier to turn off from standby mode when input signal is detected. The ON position will keep the amplifier in a continuous powered on mode.

### 4. Stereo / Bridge Switch

The OCT-BSAR200 amplifier can be used in stereo and bridge modes. In stereo mode L/R channels are separated, when used in bridge mode the L/R channels are combined as mono output.

### 5. Speaker Out

Speaker outputs are for stereo or bridge mode. The connectors are binding posts style and will accept banana type connectors or bare wire.

### 6. Voltage Switch

This amplifier can accept 110V to a 240V for either North American or European use. Make sure the amplifier is powered off and the cord unplugged before changing the voltage.

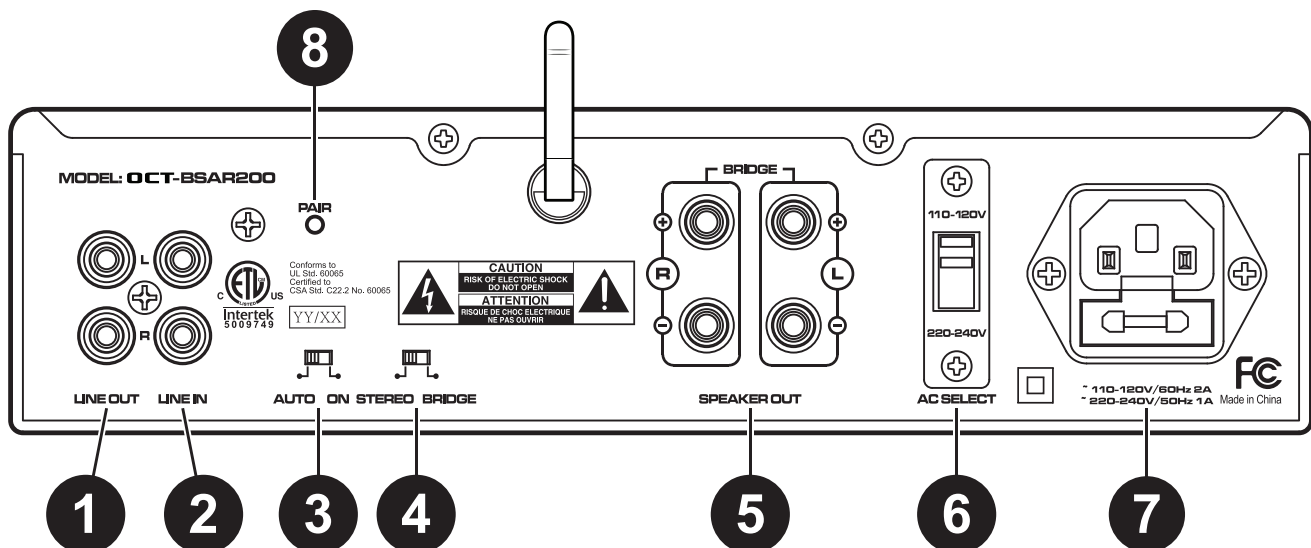
### 7. Fused Power Input

Connect included power cable to power input connector, then to power source. Below the power cable input is the fuse assembly. Disconnect power to amplifier before removing fuse assembly, pull straight out to access the main and spare fuse.

**WARNING: Do not plug amplifier into any type of power conditioner.**

### 8. Pair

Press the pair button on the receiver unit. When the Wave-Link Transmitter has a steady blue light, it is paired.



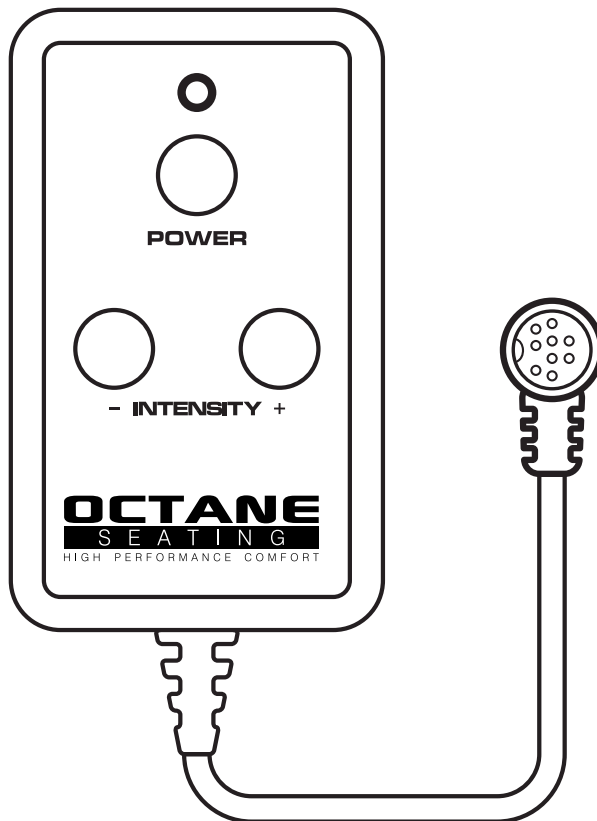
## REMOTE CONTROL OPERATION

### 1. Power Button

Press the power button on the wired remote control to turn on and off the amplifier.

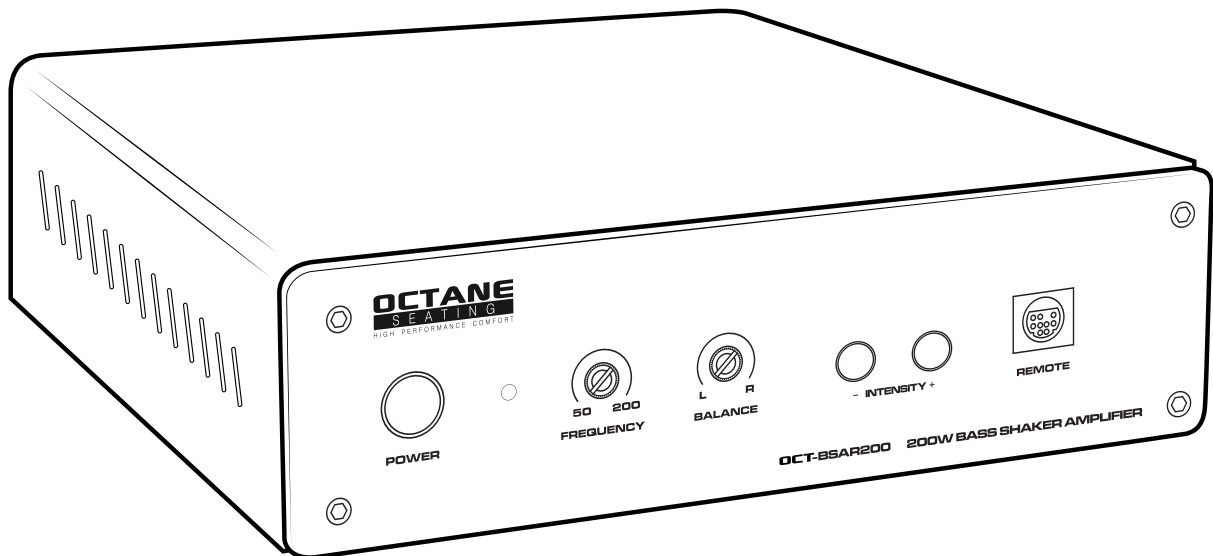
### 2. Intensity Adjustment

Press the intensity – or + button to adjust the amplifier output to the desired level.



## AMPLIFIER SPECIFICATIONS

<b>Rated Power Output:</b>	110W RMS per channel into 2 ohms
<b>Bridged Power Output:</b>	230W RMS into 4 ohms
<b>Input Sensitivity:</b>	170 mV
<b>Frequency Response:</b>	5-200 Hz +/- 3 dB
<b>Variable Low Pass:</b>	50-200 Hz
<b>Distortion (Stereo):</b>	1%
<b>Distortion (Bridged):</b>	.05%
<b>Signal to Noise Ratio:</b>	91 dB @ 100 Hz A-weight
<b>Power Requirements:</b>	110-240V AC
<b>Maximum Power Consumption:</b>	110W RMS per channel into 2 ohms
<b>Standby Power Rating:</b>	10 mV
<b>Dimensions:</b>	2.5"H x 9.5"W x 8.5"D (not including rear connections)





## RECEIVER TO AMPLIFIER SETUP (WIRED)

### 1. Receiver Output

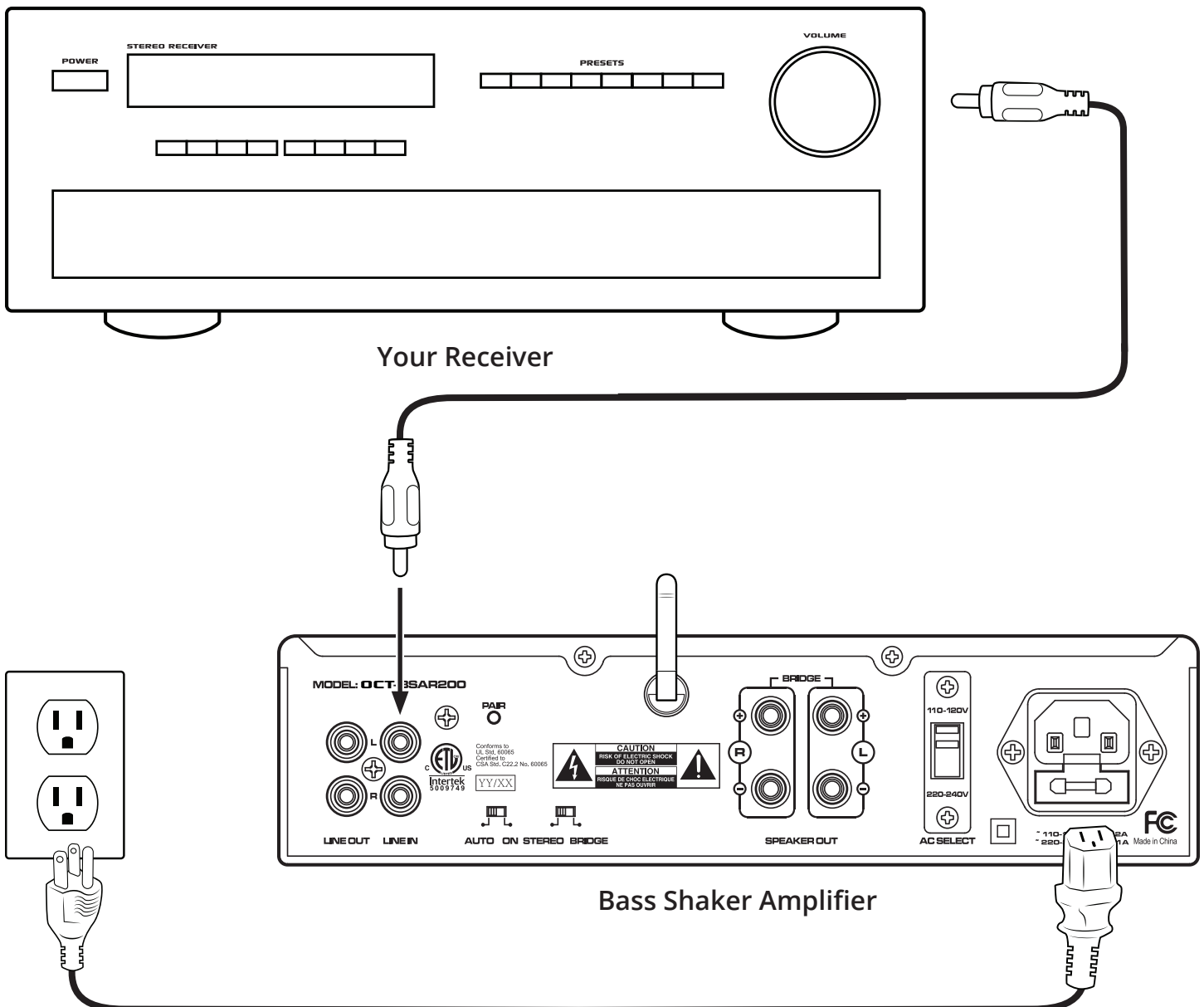
Connect a RCA to RCA cable (not included) to your receiver's Output.

### 2. Amplifier Input

Connect the opposite end of the RCA to RCA cable (not included) to the amplifier Line In input.

### 3. Connect to Power Source

Plug the power cord into the back of the amplifier. Then plug into your wall outlet.



## RECEIVER TO AMPLIFIER SETUP (WIRELESS)

### 1. Power the Wave-Link Transmitter

Connect the Wave-Link Transmitter to the DC 5V Power Supply.

### 2. Wave-Link Transmitter Connection

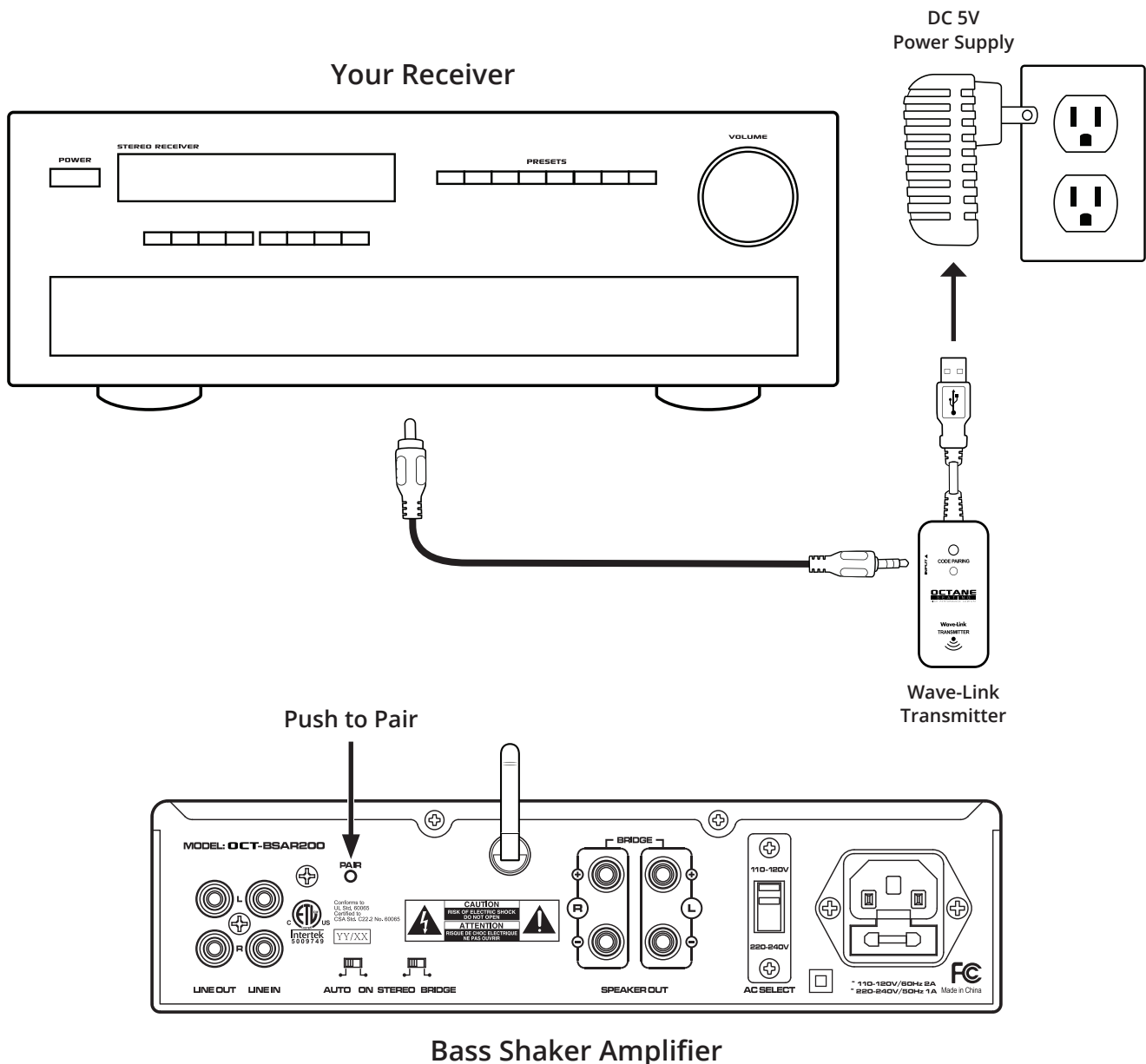
Connect the Wave-Link Transmitter to the 3.5mm jack using either the RCA to 3.5mm Cable or the 3.5mm to 3.5mm Cable.

### 3. Receiver Connection

Connect your receiver to the other end of the Cable used in Step 2.

### 4. Pair the Device

Press the pair button on the Amplifier unit. When the Wave-Link Transmitter has a steady blue light, it is paired.



## AMPLIFIER TO BASS SHAKER SETUP

### 1. Bass Shaker Input

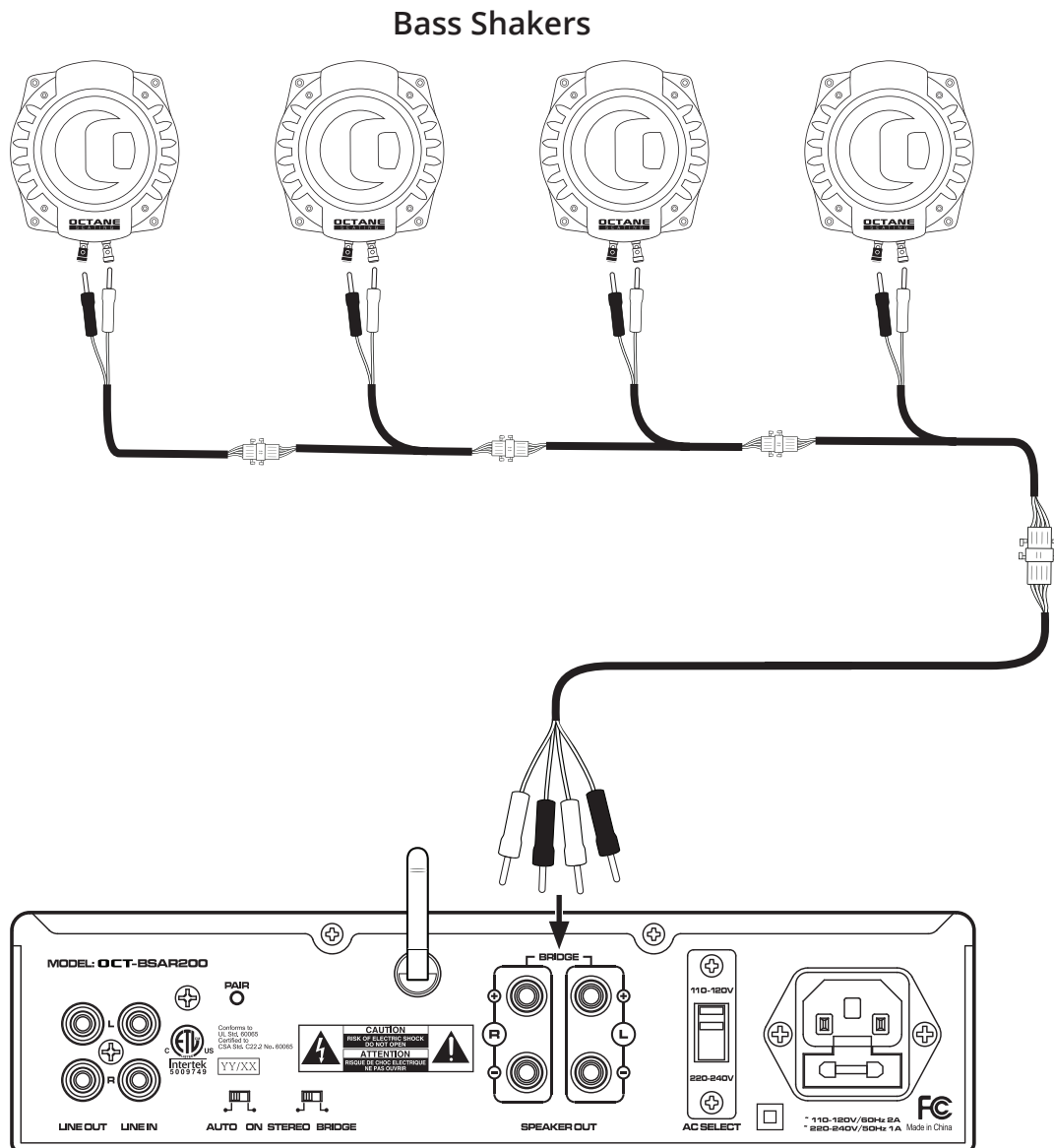
Connect the Bass Shakers to the Bass Shaker Harness making sure you match the polarity. Connect black wire to black input. Red wire to the red input.

### 2. Amplifier Speaker Output

Connect the Bass Shaker Harness to the Amplifier's Speaker Out connection making sure you match the polarity. Connect Black Wire to Black Input. Red Wire to the Red Input.

### 3. Please Note:

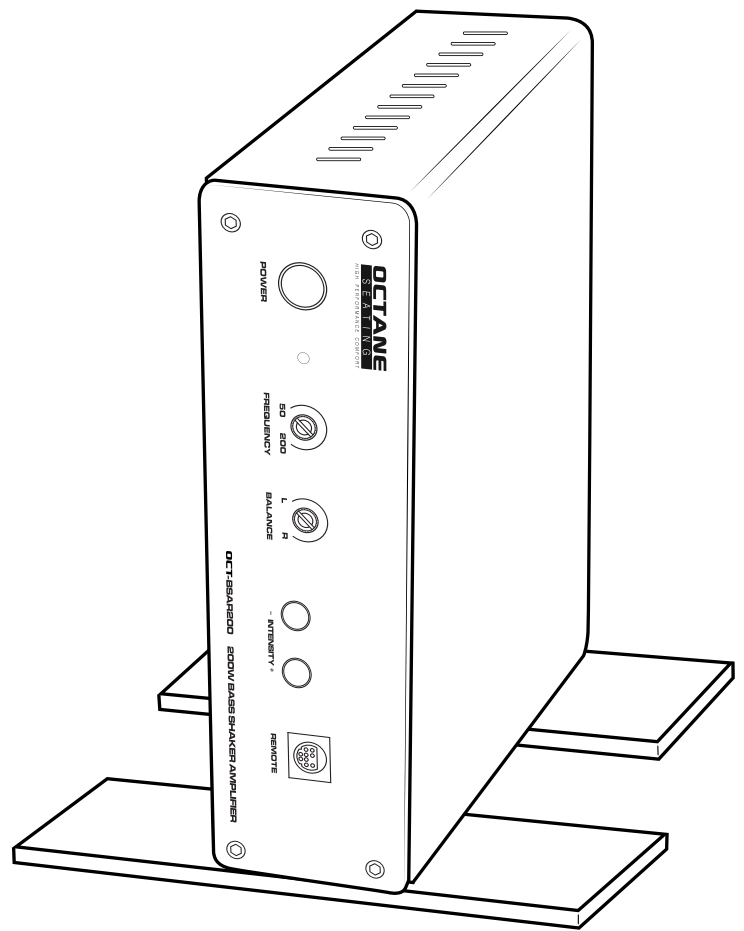
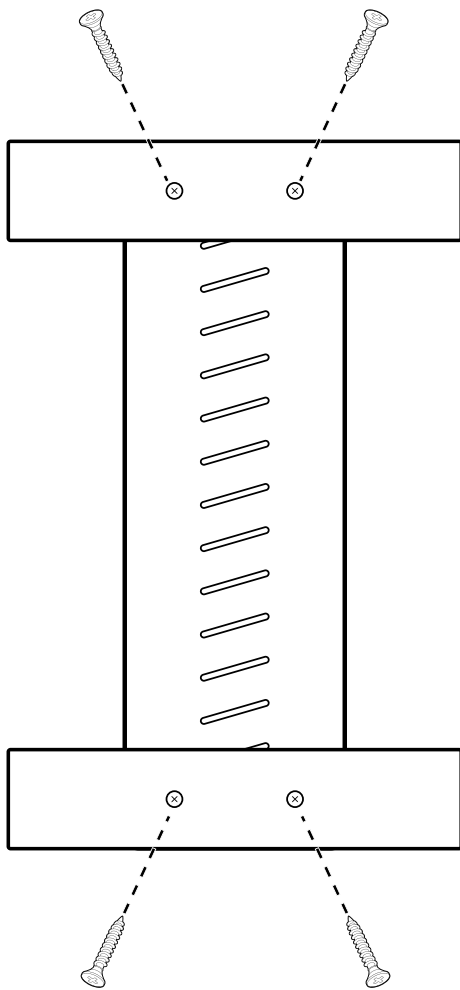
the Bass Shaker Harness can be used for up to 4 Bass Shakers. If you are installing less than 4 Bass Shakers, then you can ignore the remaining connectors.



# AMPLIFIER STAND SETUP

## 1. Mounting the Stand

Locate the four screws included with the amplifier stand. Identify the screw holes in the side of the amplifier, this is where you will mount the amplifier stand. Use two of the screws to attach the front stand. Use the remaining two screws to attach the rear stand.





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