

## **TROUBLE SHOOTING**

### **NO SOUND**

Is the LED lit?

**YES**



**STILL NO SOUND**

See your Authorize Sound Stream Dealer.

**NO**

Check Power and Remote turn-on wire for voltage.  
Make sure Ground wire is secure.

### **SOUND IN ONE CHANNEL ONLY**

Reverse left and right speakers by unplugging the speaker connector, turning it over and plugging it back in.

**SOUND IS NOW ON**

**OPPOSITE CHANNEL**

Reverse RCA inputs



**SOUND IS NOW ON**

**OPPOSITE CHANNEL**

Reverse RCAs at head unit



**SOUND IS NOW ON**

**OPPOSITE CHANNEL**

Problem is in the head unit  
or before the amplifier

**SAME CHANNEL**

Problem is in the speaker of  
speaker wire of the silent channel

**SAME CHANNEL**

Problem is in the Amplifier, See your  
local Authorized Dealer

**SAME CHANNEL**

Problem is in the RCA cables

## **PROTECTION CIRCUIT**

**Short Circuit Protection engaged:** The amplifier will turn off and try to come back on immediately. The amplifier will cycle like this indefinitely, with “blips” of sound each time. If this is the case, check your speakers and wiring for low impedance and short circuits.

**Thermal Protection engaged:** The amplifier will turn off and several minutes later will come back on. In this case, ensure that there is nothing blocking the normal convective airflow of the amplifier. No obstruction should be within 2” of the amplifier on all sides.

**NOTE: Low battery voltage will cause the amplifier to run warmer and possibly damage the amplifier.**

### **Caution:**

**Please do not plug in or unplug RCA plugs to the amplifier inputs while the amplifier is turned on. Doing so is potentially harmful to the amplifier by allowing RF (radio frequencies) into the amplifier, causing instability during the brief period while the RCA shield is not connected, and the power is connected. Only plug in or unplug RCA plugs with the amplifier off as standard practice with all audio equipment.**

---

# SOUNDSTREAM®

---

T E C H N O L O G I E S

## **Owner's Manual and Installation Guide**

**BX-10-3500D**  
**BXA1-5000D**  
**BXA1-7500D**  
**BXA1-10000D**

---

## **CONGRATULATIONS!**

You now own a **●SOUNDSTREAM** **BASS XTREME** Amplifier, the product of an uncompromising design and engineering philosophy.

To maximize the performance of your system, we recommend that you thoroughly acquaint yourself with its capabilities and features. Please retain this manual and your sales receipt for future reference.

Soundstream amplifiers are the result of American innovation and the highest quality control standards. When properly installed, they will provide you with many years of listening pleasure. Should your amplifier ever need service or replacement due to theft, please record the following information which will help protect your investment.

**Serial #** \_\_\_\_\_

**Dealer's Name** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_

**Installation Shop** \_\_\_\_\_

**Installation Date** \_\_\_\_\_

### **CAUTION!**

Prolonged listening at extremely high levels may result in hearing loss. Even though your new Soundstream Bass Xtreme Amplifier sounds better than anything you've heard, exercise caution to prevent hearing damage.

## **SPECIFICATIONS:**

MODELS	BX-10-3500D	BXA1-5000D	BXA1-7500D	BXA1-10000D
4-ohm Mono	550w x 1	700w x 1	1,000w x 1	1,400w x 1
2-ohm Mono	800w x 1	1,100w x 1	1,500w x 1	2,100w x 1
1-ohm Mono	1,150w x 1	1,650w x 1	2,500w x 1	3,300w x 1
MAX Power	3,500w	5,000w	7,500w	10,000w
Variable Low Pass X-over	40-150Hz 12dB	40-150Hz 12dB	40-150Hz 12dB	40-150Hz 12dB
Variable Subsonic X-over	10-50Hz 12dB	10-50Hz 12dB	10-50Hz 12dB	10-50Hz 12dB
Phase Shift	180	180	180	180
THD	<0.3%	<0.3%	<0.3%	<0.3%
Freq. Response	15-500Hz	15-500Hz	15-500Hz	15-500Hz
Input Sensitivity	105dB	105dB	105dB	105dB
Dimensions: 7.25" w x 2.5" h x 1	14.75" l	---	---	---
Dimensions: 8.125" w x 2.125" h x 1	---	11.125" l	15.75" l	19.75" l

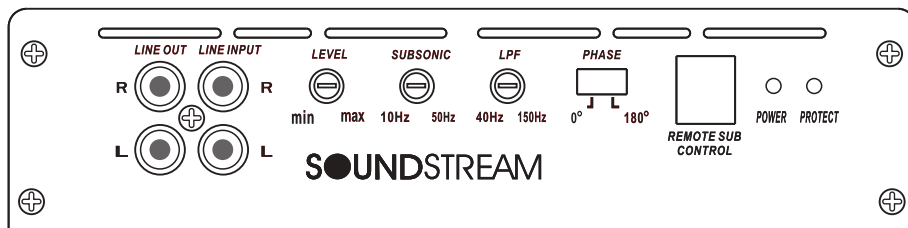
## **FEATURES**

- Class D Monoblock Car Subwoofer Amplifier
- w/ BX-10 Bass Enhancing Equalizer Built-in
- Continuously Variable Low Pass Crossover 40-150Hz 12dB
- Continuously Variable Subsonic Crossover 10-50Hz 12dB
- Remote Subwoofer Level Control
- Continuously Variable Input Gain Control
- Nickel Plated RCA and Speaker Level Inputs
- Remote Turn-On/ Turn-Off Circuit
- Soft Turn-On Circuit
- Thermal and Speaker Short Protection Circuitry
- LED Power and Protecton Indicators

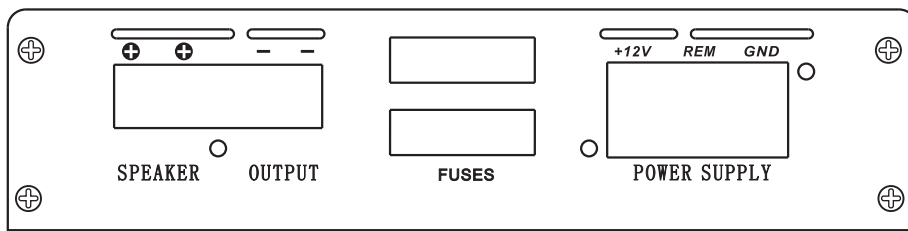
## PANELS LAYOUT:

BX-10-3500D, BXA1-5000D, BXA1-7500D, BXA1-10000D

### FRONT PANEL



### REAR PANEL



## Electrical Wiring

All **SOUNDSTREAM** amplifiers are equipped with easy top access screw terminals. These terminals are nickel-plated in order to ensure excellent electrical contact and to resist corrosion.

When making electrical connections to the amplifier, please observe the that:

- Use at least 8 gauge or heavier wire for power and ground connections.
- Wire the amplifier directly to the car battery. Make sure there is circuit protection (Such as a fuse) on the positive power lead, within 18 inches of the battery.
- For the ground connection, use the shortest possible wire to a good chassis ground point.

## Remote Subwoofer Level Control

The **SOUNDSTREAM** power amplifiers are equipped with a dashboard mount remote subwoofer level control. Run the supplied dashboard remote control from the front panel of your amplifier. By turning the level knob clockwise, you will increase the output of amplifier.

## Fuses

Fuses protect both the amplifier and the electrical system of your vehicle from faulty conditions. If you must replace the fuse in your amplifier, use a fuse of exactly the same type and rating. A different type or rating may result in damage or cause a fire.

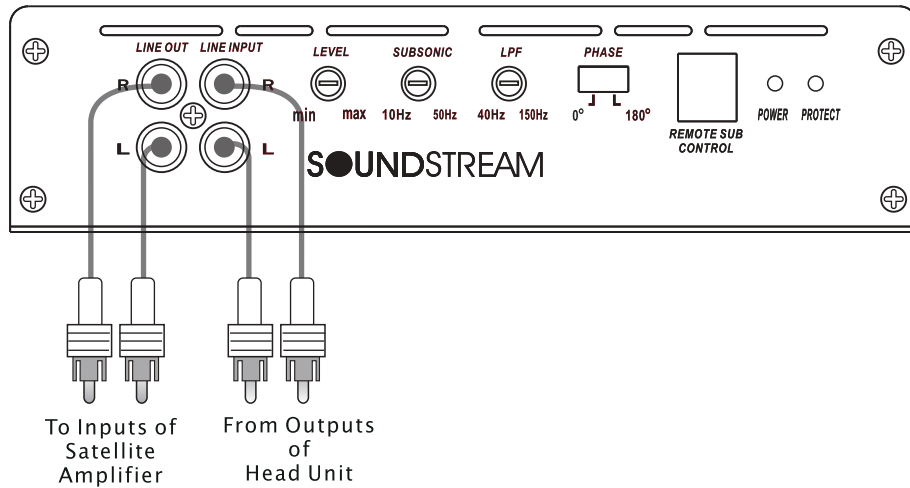
## Mounting the Amplifier

Mark the location for the mounting screw holes by positioning the amplifier where you wish to install it and use a scribe (or one of the mounting screws) inserted in each mounting hole to mark the mounting surface. If the mounting surface is carpeted, measure the hole centers and mark with a felt tip pen.

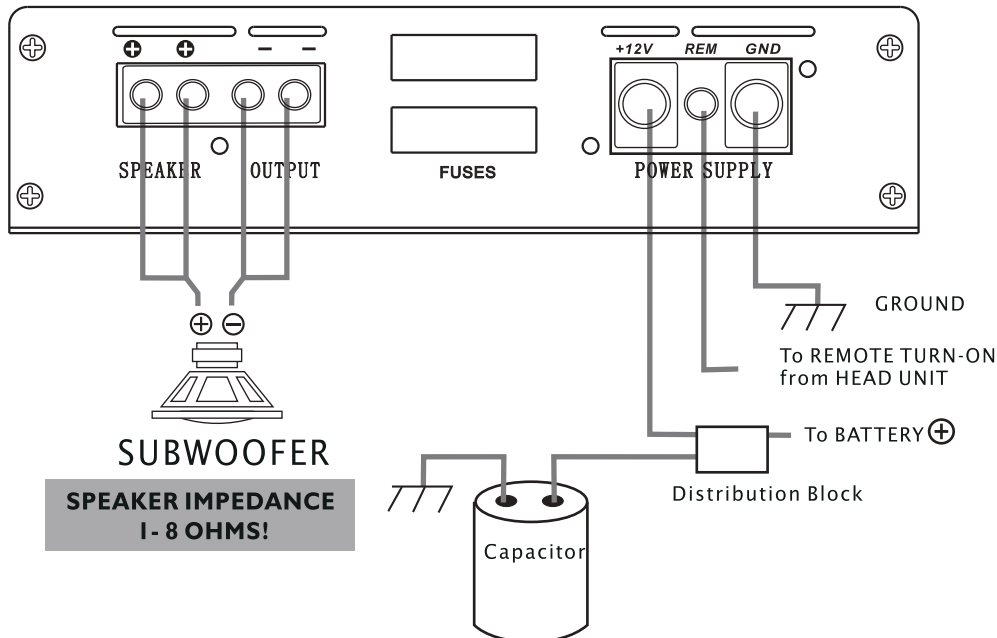
Drill pilot holes in the mounting surface for the mounting screws and insert the mounting screws into these holes. Tighten them securely.

**Note:** Before beginning your installation, be sure to take note of any wires, lines or other devices in your vehicle which may be located behind any mounting surface.

## FRONT PANEL CONNECTIONS

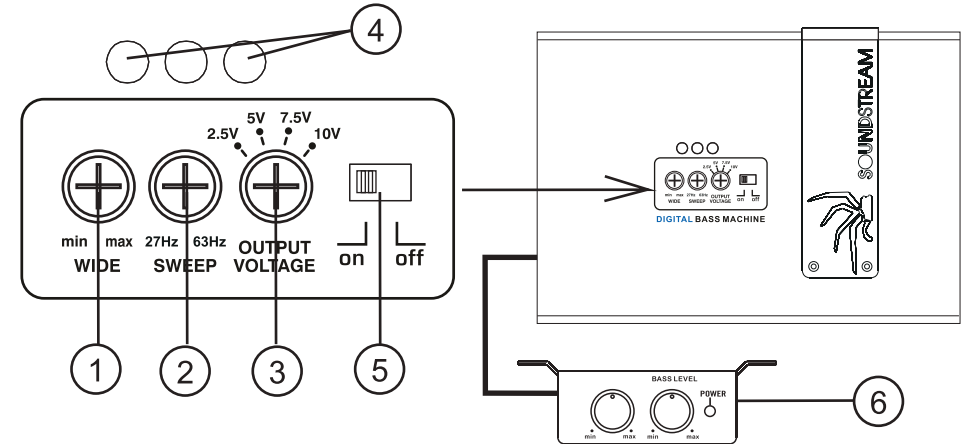


## REAR PANEL CONNECTIONS



**NOTE:** The amplifier may receive its input signal from a head unit or signal processors subwoofer output.

For those who want the most out their car audio system, quality sound processing is a must. After some slight adjustments, your system can sound like it has been tuned by audio professionals. Bass Xtreme amplifiers offer similar sound processing options by including the functions of a Bas Equalizer. Commonly added in-line before subwoofer amplifiers. Bass Equalizers boost lower frequency harmonics that have been compressed or removed from today's music recordings. Dial-in the exact sound you want by tuning the frequency to boost, then increase the bandwidth range from that frequency to boost the harmonics around it. Unlock the best bass from any system with Bss Xtreme amplifiers.



**1. WIDTH** increases or decreases the band width range, or "Q" boosting frequencies near the "center frequency." Narrow Q focuses on harmonics immediately surrounding the center frequency. Wide Q unlock harmonics all around the center frequency.

**2. SWEEP** selects the frequency boosted by the equalizer. This is the "center frequency", which can be as low as 27Hz, or as high as 63Hz. Choosing this frequency depends on your taste in music.

**3. OUTPUT VOLTAGE** is the amount of boost level. Your instincts might be to choose 10V because why not, but hold on a second... More isn't necessarily better. In this case, more can be dangerous, potentially damaging your subwoofers.

**4. MAX BASS INDICATOR** lights above the equalizer controls is a visual representation of the boost level. Bright, continuous illumination indicates maximum bass enhancement levels have been reached. Remember, more isn't necessarily better ...

**5. BASS ENHANCING SYSTEM ON/OFF**

**6. DASH MOUNT CONTROL** included with this amplifier can be mounted anywhere in the vehicle, but near the driver seat is recommended. The output level of the Bass Equalizer can be controlled, as well as the amplifiers gain level.