

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Audiosavings](#) /
- › [Soundstream TXP1.12000D 12,000 Watt Mono Amplifier Instruction Manual](#)

Audiosavings TXP1.12000D

Soundstream TXP1.12000D Mono Amplifier Instruction Manual

Model: TXP1.12000D

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Soundstream TXP1.12000D Mono Amplifier. Please read this manual thoroughly before attempting installation or operation to ensure proper use and to prevent damage to the unit or your vehicle's electrical system. Retain this manual for future reference.



Image 1.1: Soundstream TXP1.12000D Mono Amplifier and Remote Bass Control. This image displays the amplifier unit

2. SAFETY PRECAUTIONS

Always observe the following safety guidelines during installation and operation:

- Disconnect the vehicle's negative battery terminal before any installation work to prevent electrical shorts.
- Ensure all wiring is properly routed and secured to prevent damage from sharp edges or moving parts.
- Use appropriate gauge wiring for power and ground connections as specified in this manual to prevent overheating and potential fire hazards.
- Install the amplifier in a location that allows for adequate ventilation and is protected from moisture and excessive heat.
- Consult a professional car audio installer if you are unsure about any part of the installation process.
- Do not operate the amplifier if it is damaged or malfunctioning.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Soundstream TXP1.12000D Mono Amplifier
- Remote Bass Control Module
- Remote Bass Control Cable
- Mounting Hardware (screws, Allen wrenches)
- Instruction Manual
- Owner's Registration Card



Image 3.1: Included Accessories. This image shows the instruction manual, owner's registration card, remote bass control, remote cable, mounting screws, and Allen wrenches.

4. FEATURES

The Soundstream TXP1.12000D Mono Amplifier includes the following features:

- 1-ohm Minimum Impedance Monoblock Operation
- LED Accent Lighting Illuminates Circuit Board
- Silicone Steel Alloy Core Power Supply Transformers
- Military Grade SMT PCB for Dynamic Performance
- Direct Short, Thermal, & Overload Protection Circuits
- 200mV-6V High Level or Low-Level RCA Input & Output
- Variable 12dB High Pass, Low Pass, & Subsonic Crossovers
- Dash Mount Gain Control Module Included

5. INSTALLATION AND SETUP

5.1 Mounting Location

Choose a mounting location that provides adequate ventilation for the amplifier's heatsink and protects it from moisture. Avoid mounting in direct sunlight or in areas where it may be exposed to excessive vibration. Ensure sufficient space for wiring connections.

5.2 Wiring Connections

Refer to the diagrams below for proper wiring. Always use high-quality, appropriate gauge wiring.

Power Input



Image 5.1: Power Input Terminals. This image shows the power, ground, and remote input terminals on the amplifier.

- **B+ (Power):** Connect directly to the positive (+) terminal of the vehicle's battery using a heavy gauge power cable (e.g., 0 or 4 gauge, depending on total system power requirements). Install an appropriate fuse (not included) within 18 inches of the battery.
- **GND (Ground):** Connect to a clean, unpainted metal surface of the vehicle's chassis. Ensure a solid electrical connection. Use a heavy gauge ground cable of the same size as the power cable, keeping the length as short as possible.
- **REM (Remote):** Connect to the remote turn-on output of your head unit. This wire turns the amplifier on and off with your car stereo.

Audio Input/Output and Speaker Connections



Image 5.2: Audio and Speaker Connections. This image details the RCA input, RCA output, speaker terminals, and control knobs on the amplifier's rear panel.

- **INPUT (RCA):** Connect to the RCA pre-out jacks of your head unit.
- **OUTPUT (RCA):** Provides a full-range signal output for connecting additional amplifiers.
- **SPEAKER (+/-):** Connect your subwoofer(s) to these terminals. Ensure correct polarity. This amplifier is stable down to 1-ohm impedance.

6. CONTROLS AND OPERATION

The TXP1.12000D amplifier features several controls for fine-tuning your audio system. All adjustments should be made with the audio system off or at a very low volume.



Image 6.1: Amplifier Control Panel. This image highlights the various adjustment knobs for bass boost, frequency, and crossover settings.

- **GAIN (Input Level):** Adjusts the input sensitivity of the amplifier to match the output of your head unit. Start with the gain at minimum and slowly increase until desired volume is achieved without distortion.
- **LOW PASS (Crossover):** This control sets the upper frequency limit for the amplifier's output. Typically set between 50Hz and 150Hz for subwoofers.
- **HIGH PASS (Crossover):** This control sets the lower frequency limit. For subwoofer applications, this is usually not used or set to its lowest point.
- **SUBSONIC (Crossover):** Filters out extremely low frequencies that are inaudible and can damage subwoofers. Typically set below the port tuning frequency of your subwoofer enclosure.
- **BASS BOOST (FREQ/LEVEL):**
 - **FREQ:** Selects the center frequency for the bass boost.
 - **LEVEL:** Adjusts the amount of bass boost (0dB to +12dB). Use sparingly to avoid distortion and speaker damage.
- **REMOTE (Dash Mount Gain Control):** Connects the included remote bass knob for convenient level adjustment from the driver's seat.



Image 6.2: Remote Bass Control Module. This image shows the external knob used to adjust the amplifier's output level.

7. MAINTENANCE

The Soundstream TXP1.12000D amplifier requires minimal maintenance. Keep the unit clean and free of dust. Use a soft, dry cloth for cleaning. Do not use harsh chemicals or solvents. Ensure that the ventilation fins are not obstructed to maintain proper cooling.

8. TROUBLESHOOTING

If you experience problems with your amplifier, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No Power / Amplifier Not Turning On	Blown fuse Poor power or ground connection Remote turn-on wire not connected or faulty	Check and replace fuse at the battery. Verify all power and ground connections are secure. Check remote wire connection at head unit and amplifier.
No Sound Output	RCA cables disconnected or faulty Speaker wires disconnected or shorted Gain set too low Head unit volume too low	Check RCA connections. Inspect speaker wiring for shorts or disconnections. Increase gain setting gradually. Increase head unit volume.
Distorted Sound	Gain set too high Crossover settings incorrect Poor ground connection Speaker impedance too low	Reduce gain setting. Adjust crossover frequencies. Verify ground connection. Ensure speaker impedance is 1-ohm or higher.
Amplifier Overheating / Protection Mode	Insufficient ventilation Speaker impedance too low Prolonged high volume operation	Ensure adequate airflow around the amplifier. Check speaker impedance. Reduce volume or allow amplifier to cool down.

9. SPECIFICATIONS

Technical specifications for the Soundstream TXP1.12000D Mono Amplifier:

Feature	Specification
Model Number	TXP1.12000D
Manufacturer	Soundstream
Minimum Impedance	1 Ohm (Monoblock Operation)

Feature	Specification
Voltage	16 Volts (DC)
Maximum Supply Voltage	6 Volts (This specification from the source data is unusual for a car amplifier's main supply; typically, car amplifiers operate on 12-14.4V. Please refer to the product's official documentation for clarification if this value seems incorrect.)
Mounting Type	Surface Mount
Input Sensitivity	200mV-6V (High Level or Low-Level RCA)
Crossover Type	Variable 12dB High Pass, Low Pass, & Subsonic
Bass Boost	Variable (0dB to +12dB)

10. WARRANTY INFORMATION

Soundstream Technologies provides a limited warranty for this product. Please refer to the Owner's Registration Card included in your package for specific terms and conditions. Generally, the warranty covers defects in materials and workmanship under normal use for a specified period from the date of purchase. Keep your proof of purchase for warranty claims.

Note: The warranty may be voided if the product is improperly installed, abused, or modified. Professional installation is recommended.

11. SUPPORT AND CONTACT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact your authorized Soundstream dealer or visit the official Soundstream website for support resources.

Website: www.soundstream.com (Example link, actual link may vary)

© 2024 Soundstream Technologies. All rights reserved.

Related Documents - TXP1.12000D

	<p>Soundstream 2024 Car Audio Catalog: Source Units, Amplifiers, Speakers, and More</p> <p>Explore the comprehensive 2024 Soundstream catalog featuring a wide range of car audio products including head units, amplifiers, speakers, subwoofers, GPS navigation systems, and rear-seat entertainment solutions.</p>
---	---



[Soundstream 2024 Catalog: Premium Car Audio Systems & Amplifiers](#)

Explore the comprehensive 2024 Soundstream catalog featuring high-performance car audio head units, amplifiers, speakers, subwoofers, and marine/powersports audio solutions. Discover innovative technology and superior sound quality for your vehicle.



[Soundstream 2020 Car and Marine Audio Product Catalog](#)

Explore the comprehensive 2020 Soundstream catalog featuring a wide range of car and marine audio products, including GPS navigation source units, multimedia receivers, amplifiers, subwoofers, speakers, and accessories. Discover advanced features like Bluetooth connectivity, Android PhoneLink, and SiriusXM compatibility.