

Electro-Voice ELX200-18SP

Electro-Voice ELX200-18SP 18" 1200W Powered Subwoofer User Manual

Model: ELX200-18SP | Brand: Electro-Voice

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation of your Electro-Voice ELX200-18SP 18" 1200W Powered Subwoofer. Please read this manual thoroughly before using the product to ensure proper setup, optimal performance, and longevity of your equipment.

2. IMPORTANT SAFETY INFORMATION

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

3. PACKAGE CONTENTS

Upon unpacking your ELX200-18SP Powered Subwoofer, please verify that all listed components are present and in good condition:

- 1 x ELX200-18SP 18" 1200W Powered Subwoofer
- 1 x Power Cord (Note: The power cord is typically tucked into the side part of the cardboard packaging. Do not discard packaging without checking for it.)
- 1 x User Manual (this document)

4. PRODUCT FEATURES

The Electro-Voice ELX200-18SP is a high-performance powered subwoofer designed for portable and installed applications. Key features include:

- High-efficiency Class-D power amplifier (up to 1200 W) with integrated QuickSmartDSP.
- Delivers up to 132 dB SPL utilizing an 18-inch EVS-18L woofer.
- Easy setup via three presets (Music, Live, Club).
- Sub/top system-match crossovers, three-band EQ, five user-programmable presets.
- Visual monitoring of limiter status, input level control and meters, and master volume control.
- Lightweight and compact 15-mm wood enclosure.
- Integrated M20 threaded pole mount plate for easy satellite speaker mounting.
- Two-handle design for easy lifting and transport.
- QuickSmart Mobile wireless control and monitoring application via Bluetooth Low Energy (BTLE) technology.

5. SETUP

5.1 Physical Placement and Mounting

The ELX200-18SP subwoofer is designed for freestanding placement. Its robust wood enclosure ensures durability. For optimal sound dispersion, consider placing the subwoofer on a stable, flat surface. The integrated M20 threaded pole mount plate allows for secure mounting of a full-range speaker on top of the subwoofer using a compatible pole.

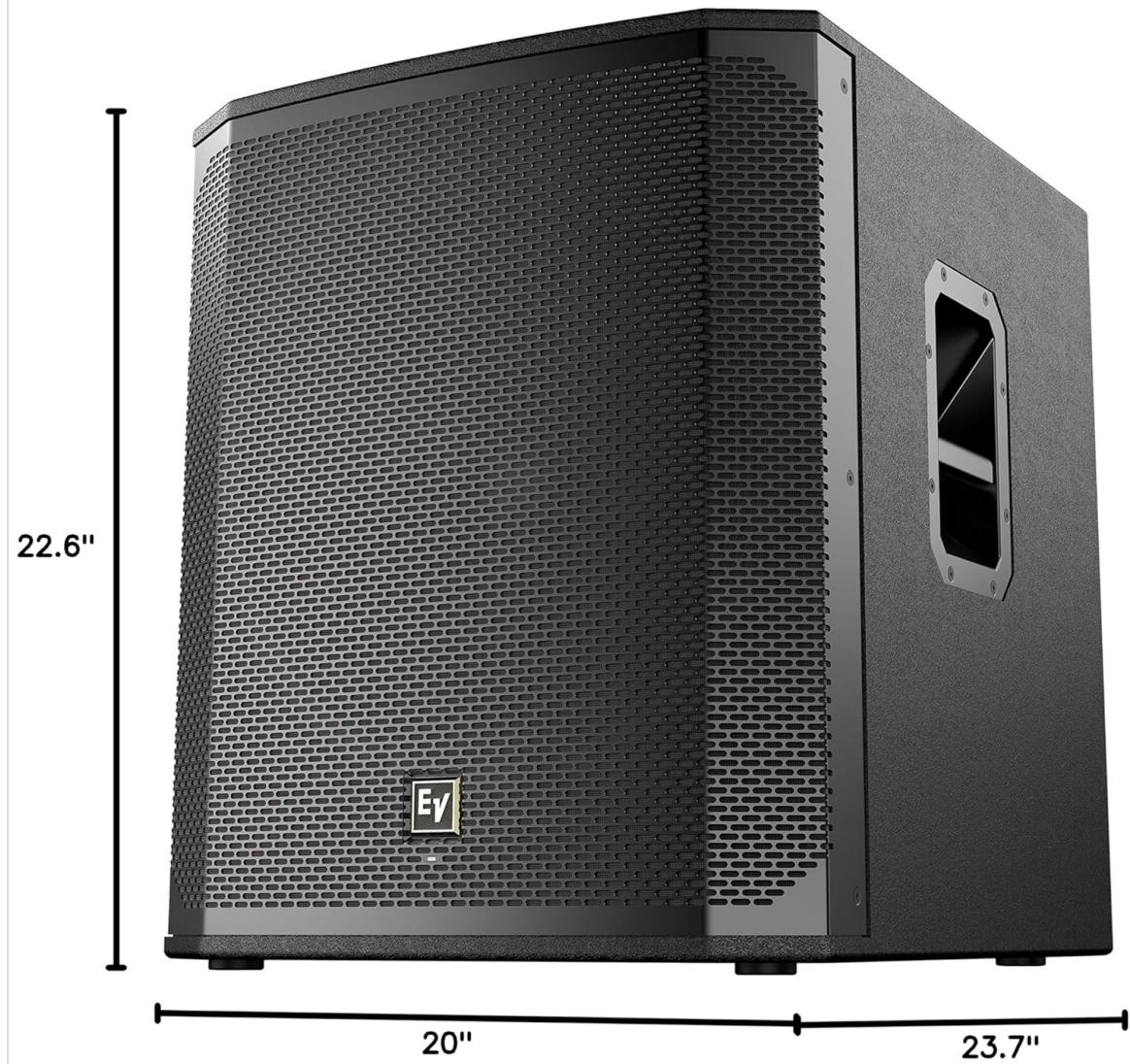


Figure 1: Dimensions of the ELX200-18SP subwoofer, showing its compact size for placement.





Figure 2: The ELX200-18SP subwoofer with a compatible full-range speaker mounted on its M20 threaded pole mount plate.

5.2 Powering On and Connectivity

Ensure the subwoofer is connected to a power source using the provided power cord. The ELX200-18SP supports both XLR and Bluetooth connectivity for audio input.



Figure 3: Rear panel of the ELX200-18SP, highlighting the input/output connections and QuickSmartDSP controls.

To power on the subwoofer, connect the power cable and press the power button located on the rear panel. The unit will take a few seconds to boot up.

For wired connections, use XLR cables to connect your audio source to the input channels on the rear panel. For wireless audio streaming, refer to the Bluetooth pairing instructions in the Operating Instructions section.

6. OPERATING INSTRUCTIONS

6.1 QuickSmartDSP Controls

The ELX200-18SP features an integrated QuickSmartDSP for advanced audio processing and control. This allows for easy adjustment of sound settings to suit various applications.

- **Presets:** Select from three optimized presets: Music, Live, or Club, to quickly adapt the subwoofer's sound profile to your environment.

- **EQ:** Utilize the three-band equalizer to fine-tune the low, mid, and high frequencies.
- **User-Programmable Presets:** Store and recall up to five custom settings for quick access to your preferred configurations.
- **Limiter Status:** Monitor the limiter status visually to prevent signal clipping and protect your speaker.
- **Input Level & Master Volume:** Adjust individual input levels and the overall master volume to achieve optimal gain structure.

6.2 Bluetooth Connectivity and QuickSmart Mobile App

The QuickSmart Mobile wireless control and monitoring application, available for compatible smartphones, allows for intuitive system control and configuration of up to six powered ELX200 loudspeakers simultaneously via Bluetooth Low Energy (BTLE) technology.

1. Download the QuickSmart Mobile app from your device's app store.
2. Ensure Bluetooth is enabled on your smartphone.
3. On the subwoofer's rear panel, press and hold the Bluetooth pairing button until the indicator light flashes.
4. Open the QuickSmart Mobile app and follow the on-screen prompts to discover and connect to your ELX200-18SP subwoofer.
5. Once connected, you can adjust settings, monitor performance, and receive alerts directly from your mobile device.

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Video 1: Demonstrates the use of the QuickSmart Mobile App for controlling Electro-Voice ELX200 series speakers. This video is provided by a seller and is relevant for understanding the app's functionality.

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Video 2: An overview of the ELX200 Powered Loudspeakers, highlighting features and connectivity. This video is provided by a seller and offers useful product information.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your subwoofer.

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the subwoofer. Avoid using abrasive cleaners or solvents that could damage the finish.
- **Ventilation:** Ensure that all ventilation openings remain clear and unobstructed to prevent overheating.
- **Storage:** When not in use, store the subwoofer in a cool, dry place, protected from dust and extreme temperatures.
- **Inspection:** Periodically inspect the power cord and all cables for any signs of damage. Replace damaged cables immediately.

8. TROUBLESHOOTING

If you encounter issues with your ELX200-18SP subwoofer, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Power cord not connected, power switch off, faulty outlet.	Check power cord connection, ensure power switch is on, test outlet with another device. Verify power cord is not missing from packaging.
No Sound Output	Incorrect input connection, low volume, source device issue, DSP settings.	Verify XLR or Bluetooth connection, increase master volume and input levels, check audio source, reset DSP presets.
Distorted Sound	Input signal too high (clipping), incorrect EQ settings, damaged speaker.	Reduce input level to prevent limiter activation, adjust EQ settings, if distortion persists at low volumes, contact support.
Bluetooth Pairing Failure	Subwoofer not in pairing mode, device too far, interference.	Ensure subwoofer is in pairing mode (flashing light), bring device closer, minimize interference from other wireless devices.

If the problem persists after attempting these solutions, please contact Electro-Voice customer support for further assistance.

9. SPECIFICATIONS

Feature	Detail
Model Name	ELX200-18SP
Speaker Type	Subwoofer
Subwoofer Diameter	18 Inches
Speaker Maximum Output Power	1200 Watts
Frequency Response	105 Hz
Connectivity Technology	Bluetooth, XLR
Wireless Communication Technology	Wireless
Control Method	App
Mounting Type	Freestanding
Material	Wood
Color	BLACK
Product Dimensions	20"D x 23.7"W x 22.6"H

Feature	Detail
Item Weight	63.9 pounds (29000 Grams)
Is Waterproof	False
UPC	800549826792
Item model number	ELX20018SPUS
Date First Available	August 22, 2017

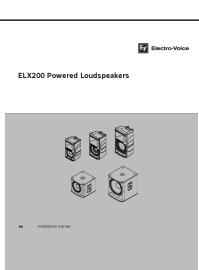
10. WARRANTY AND CUSTOMER SUPPORT

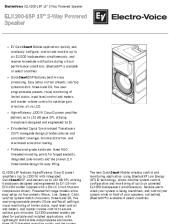
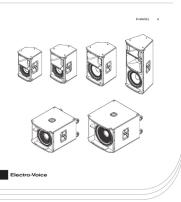
Your Electro-Voice ELX200-18SP Powered Subwoofer comes with a Limited Warranty. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official Electro-Voice website.

For any technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact Electro-Voice Customer Support. Contact information can typically be found on the manufacturer's website or on your product packaging.

Additional protection plans may be available for purchase from authorized retailers.

Related Documents - ELX200-18SP

	<p>Electro-Voice ELX200 Powered Loudspeakers - Installation Manual</p> <p>Comprehensive installation manual for Electro-Voice ELX200 series powered loudspeakers, covering setup, DSP control, features, and technical specifications.</p>
	<p>Electro-Voice ELX200 Powered Loudspeakers Installation Manual</p> <p>This installation manual provides comprehensive guidance for setting up, operating, and integrating the Electro-Voice ELX200 series of powered loudspeakers and subwoofers, featuring advanced DSP and wireless control.</p>
	<p>Manual de Instalación de Altavoces Autoamplificados Electro-Voice ELX200</p> <p>Guía completa para la instalación, configuración y uso de los altavoces autoamplificados Electro-Voice ELX200. Incluye información de seguridad, características técnicas y procedimientos de conexión.</p>

	<p>Electro-Voice ELX200-15P 15" 2-Way Powered Speaker - Features and Specifications</p> <p>Detailed information on the Electro-Voice ELX200-15P 15-inch 2-Way Powered Speaker, including its QuickSmartDSP, high-efficiency amplifier, SST waveguide, and professional-grade hardware. Learn about its technical specifications, ordering information, and accessories.</p>
	<p>Návod na použitie Electro-Voice ETX Powered Loudspeakers</p> <p>Komplexný návod na použitie pre profesionálne aktívne reproduktorové systémy Electro-Voice ETX série, vrátane modelov ETX-10P, ETX-12P, ETX-15P, ETX-35P, ETX-15SP a ETX-18SP. Poskytuje informácie o nastavení, funkciách, špecifikáciách, použití a riešení problémov.</p>
	<p>Electro-Voice ELX200-12P 12-Inch 2-Way Powered Speaker Datasheet</p> <p>Detailed datasheet for the Electro-Voice ELX200-12P, a 12-inch 2-way powered loudspeaker featuring QuickSmartDSP, 1200W Class-D amplification, 130 dB peak SPL, and versatile connectivity. Includes technical specifications, system overview, and ordering information.</p>