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Yorkville ES18P

Yorkville ES18P Elite 18" 1600 Watt Active Subwoofer User Manual

Model: ES18P | Brand: Yorkville

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Yorkville ES18P Elite 18" 1600 Watt Active Subwoofer. Please read this manual thoroughly before use and retain it for future reference. The ES18P is designed for professional live sound and club applications, offering powerful bass reproduction with integrated DSP.

PRODUCT OVERVIEW

The Yorkville ES18P is an active (powered) subwoofer featuring an 18-inch driver with a 4-inch voice coil. It delivers a peak power output of 3200W and a peak SPL of 140 dB. Key features include three DSP-based preset modes for versatile sound shaping and robust construction for demanding environments.



Figure 1: Front view of the Yorkville ES18P Elite Active Subwoofer, showcasing its protective grille and robust enclosure.

SAFETY INFORMATION

- **Power Supply:** Connect the subwoofer only to the specified voltage and frequency. Ensure the power cord is not

damaged or pinched.

- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Do not expose the unit to rain or moisture. Avoid placing liquids on or near the subwoofer.
- **Placement:** Position the subwoofer on a stable, level surface. Avoid extreme temperatures, direct sunlight, or excessive vibration.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to open or repair the unit yourself.
- **Hearing Protection:** This unit can produce high sound pressure levels. Prolonged exposure to high volume levels may cause permanent hearing damage.

SETUP

Unpacking and Inspection

Carefully remove the subwoofer from its packaging. Inspect the unit for any signs of damage that may have occurred during shipping. If damage is found, contact your dealer immediately.

Placement

Optimal placement of the subwoofer is crucial for sound quality. Generally, corner placement can enhance bass response, but experimentation is recommended to find the best position for your specific acoustic environment. Ensure the unit is placed on a stable surface.



Figure 2: Dimensions of the Yorkville ES18P subwoofer, indicating its compact design for an 18-inch unit.

Connections

The ES18P features XLR input and output connectors for professional audio integration. Connect your audio source (e.g., mixer, crossover) to the MONO BLEND INPUT or INPUT XLR connectors. Use the OUTPUT XLR connectors to link to other powered speakers or subwoofers.



Figure 3: Rear panel of the ES18P, detailing the input/output connections, power switch, and control knobs.

Power Connection

Connect the supplied AC power cord to the power inlet on the rear panel and then to a suitable grounded electrical outlet.

OPERATING

Power On/Off

Ensure all connections are secure before powering on. Turn on your audio source first, then the ES18P subwoofer. When powering off, turn off the subwoofer first, then your audio source.

Controls and Indicators



Figure 4: Detailed view of the control panel, including SUB LEVEL, MODE, HI FREQ ROLLOFF, and Wireless Control sections.

- **SUB LEVEL:** Adjusts the output level of the subwoofer. Start at a low setting and gradually increase to achieve desired bass balance.
- **MODE:** Selects between three DSP-based preset modes: 1. Punchy, 2. Smooth, 3. Deep. Experiment with these modes to suit your music style and venue acoustics.
- **HI FREQ ROLLOFF:** Sets the crossover frequency for the subwoofer. This determines the upper frequency limit the subwoofer will reproduce. Recommended settings for Elite speaker cabinets are indicated.
- **Wireless Control (Bluetooth):** The Yorkville App is needed to control functions through Bluetooth. This is for control only, not for streaming audio.
- **Indicators:** POWER, ACTIVITY, CLIP, LIMIT, TEMP LEDs provide status feedback.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the subwoofer. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** If storing the unit for an extended period, ensure it is kept in a dry, temperature-controlled environment,

away from direct sunlight and dust.

- **Inspection:** Periodically check power cables and audio connections for wear or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No Sound	No power; incorrect connections; input level too low.	Check power cable and outlet; verify audio connections; increase SUB LEVEL.
Distorted Sound	Input signal too high (CLIP LED active); damaged speaker.	Reduce input level from source or SUB LEVEL; contact service if speaker is damaged.
Overheating (TEMP LED active)	Insufficient ventilation; prolonged high-power operation.	Ensure adequate airflow around the unit; reduce volume or allow unit to cool down.

SPECIFICATIONS

Model Name: ES18P Elite

Speaker Type: Subwoofer

Speaker Size: 18 Inches

Woofer Diameter: 18 Inches

Speaker Maximum Output Power: 1600 Watts

Peak Power Output: 3200 Watts

Peak SPL: 140 dB

Connectivity Technology: Bluetooth (for control only)

Power Source: Corded Electric

Product Dimensions: 2"D x 2"W x 2"H

Item Weight: 148 pounds

Manufacturer: Yorkville

UPC: 709951960257

WARRANTY AND SUPPORT

The Yorkville ES18P Elite Subwoofer comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Yorkville website. For technical support, service, or parts, please contact your authorized Yorkville dealer or the manufacturer directly.

Manufacturer: Yorkville

Website: www.yorkville.com

 OWNER'S MANUAL <i>MANUEL DE L'UTILISATEUR</i>	<p><u>Yorkville YXL15SP Powered Subwoofer Owner's Manual</u></p> <p>Owner's manual for the Yorkville YXL15SP 1000 Watt Active Subwoofer Enclosure, detailing features, specifications, safety instructions, and warranty information.</p>
	<p><u>Yorkville ES21P Service Manual</u></p> <p>Official service manual for the Yorkville ES21P 2400 Watt Active Subwoofer Enclosure. Features detailed specifications, safety guidelines, parts lists, and technical diagrams for professional audio use.</p>
	<p><u>Yorkville YXL10SP, YXL15SP, YXL18SP Service Manual</u></p> <p>Comprehensive service manual for Yorkville YXL10SP, YXL15SP, and YXL18SP 1000 Watt Active Subwoofer Enclosures, detailing safety instructions, specifications, rear panel controls, block diagrams, and access to schematics.</p>
	<p><u>Yorkville Paraline Series PSA15S / PSA18S Powered Subwoofer Owner's Manual</u></p> <p>This owner's manual provides detailed information on the Yorkville Paraline Series PSA15S and PSA18S powered subwoofers, covering safety instructions, configuration, control panel operation, mounting, IP54 rating, AC line loop-through, specifications, block diagram, and warranty.</p>
	<p><u>Yorkville Parasource Series PS12S, PS15S, PS18S Powered Subwoofer Owner's Manual</u></p> <p>This owner's manual provides comprehensive information on the Yorkville Parasource Series powered subwoofers (PS12S, PS15S, PS18S), including setup, operation, safety guidelines, technical specifications, and warranty details.</p>
	<p><u>Yorkville MP6T 325 Watt 6 Channel Powered Mixer Service Manual</u></p> <p>Comprehensive service manual for the Yorkville MP6T 325 Watt 6 Channel Powered Mixer, including contact information, parts lists, schematics descriptions, production notes, and database histories.</p>