

PRORECK Concert Set

PRORECK Concert Set PA Speaker System User Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your PRORECK Concert Set PA Speaker System. Please read this manual thoroughly before operating the system to ensure proper use and to maximize its performance and longevity.



Image: The complete PRORECK Concert Set PA Speaker System, featuring two line array speaker towers mounted on tripod stands, positioned on either side of a central active subwoofer unit.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact PRORECK customer support.

- 1 x Active Subwoofer
- 8 x Line Array Speakers (Dual 4-inch 2-way passive system)
- 1 x 6-foot Power Cord
- 2 x Tripod Stands
- 2 x Adapters
- 2 x 8-inch 6.35mm Speaker Cables
- 4 x 14-inch 6.35mm Speaker Cables
- 2 x 10-foot Speakon to 6.35mm Cords

- 1 x User Manual (this document)



Image: A visual representation of all components included in the PRORECK Concert Set, showing boxes for the subwoofer, line array speakers, tripod stands, cables, and adapters.

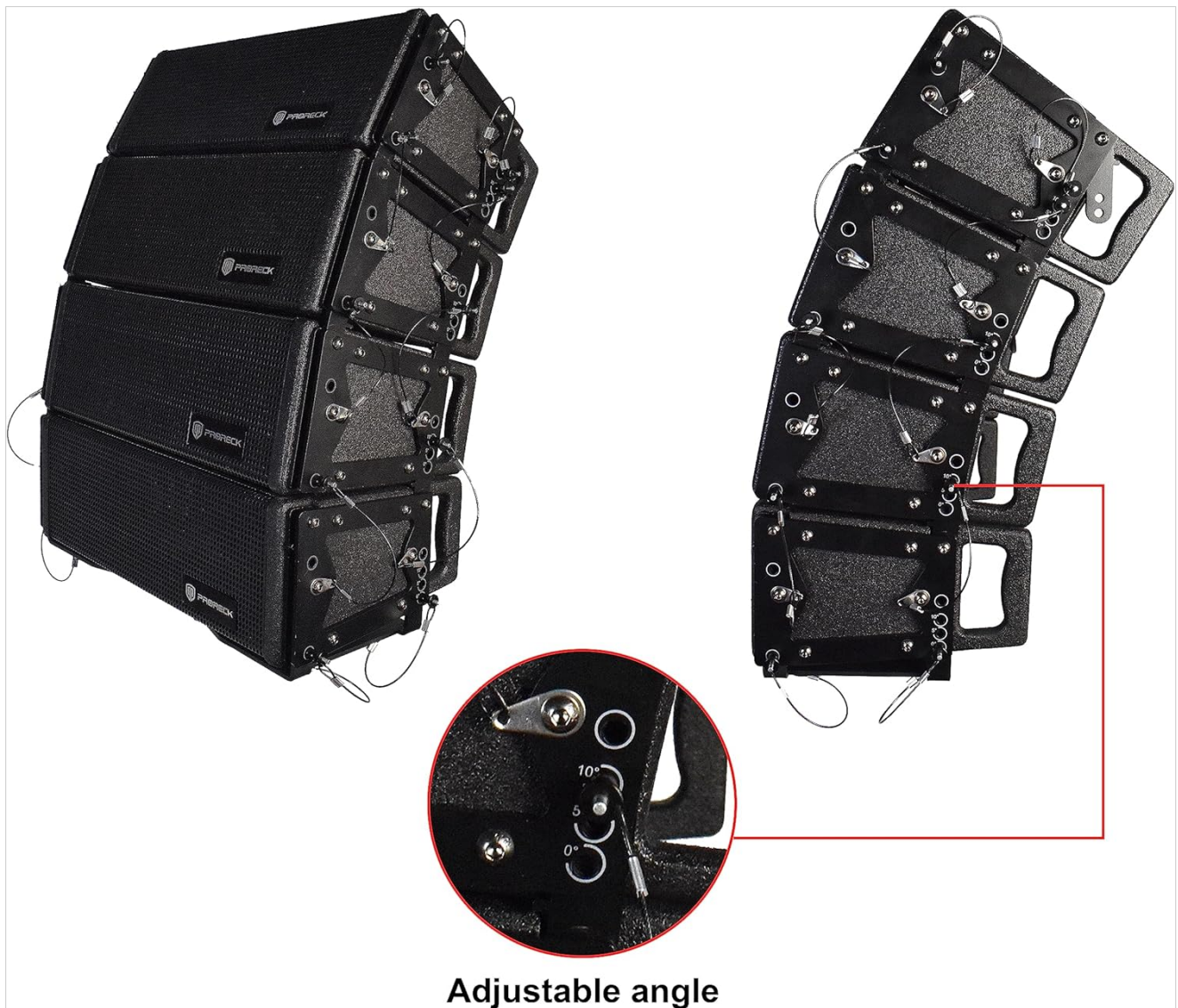
SETUP INSTRUCTIONS

1. Unpacking and Placement

Carefully unpack all components. Place the active subwoofer on a stable, flat surface. Position the tripod stands on either side of the subwoofer, ensuring they are stable and fully extended for optimal height.

2. Assembling the Line Array Speakers

Each line array speaker unit consists of multiple individual speakers. Connect these speakers together using the provided cables and mounting hardware. Ensure secure connections for both audio and structural integrity.



Adjustable angle

Image: A detailed view of the line array speakers, highlighting the adjustable angle mechanism with settings for 0°, 5°, and 10° splay.

3. Mounting the Line Array Speakers

Attach the assembled line array speakers to the tripod stands using the adapters. The system offers flexible mounting options with multiple flying points. Utilize the three different splay brackets to configure the angle (0°, 5°, 10°) to optimize sound coverage for your audience area.

Audio front details



Image: An exploded view diagram illustrating the connection points and features of the PRORECK PA system, including array speakers, strong support, adjustable angle, connection details, subwoofer, and lifting handle.

4. Connecting Speakers to Subwoofer

Connect the line array speakers to the active subwoofer using the provided 6.35mm speaker cables and Speakon to 6.35mm cords. The array speakers support serial/parallel connection technology. Refer to the subwoofer's rear panel for input and output connections.



Image: The rear control panel of the PRORECK active subwoofer, displaying XLR/Jack combo inputs, power switch, AC input, and various output connections for the line array speakers.

5. System Dimensions

Refer to the diagram below for the approximate dimensions of the assembled system components.

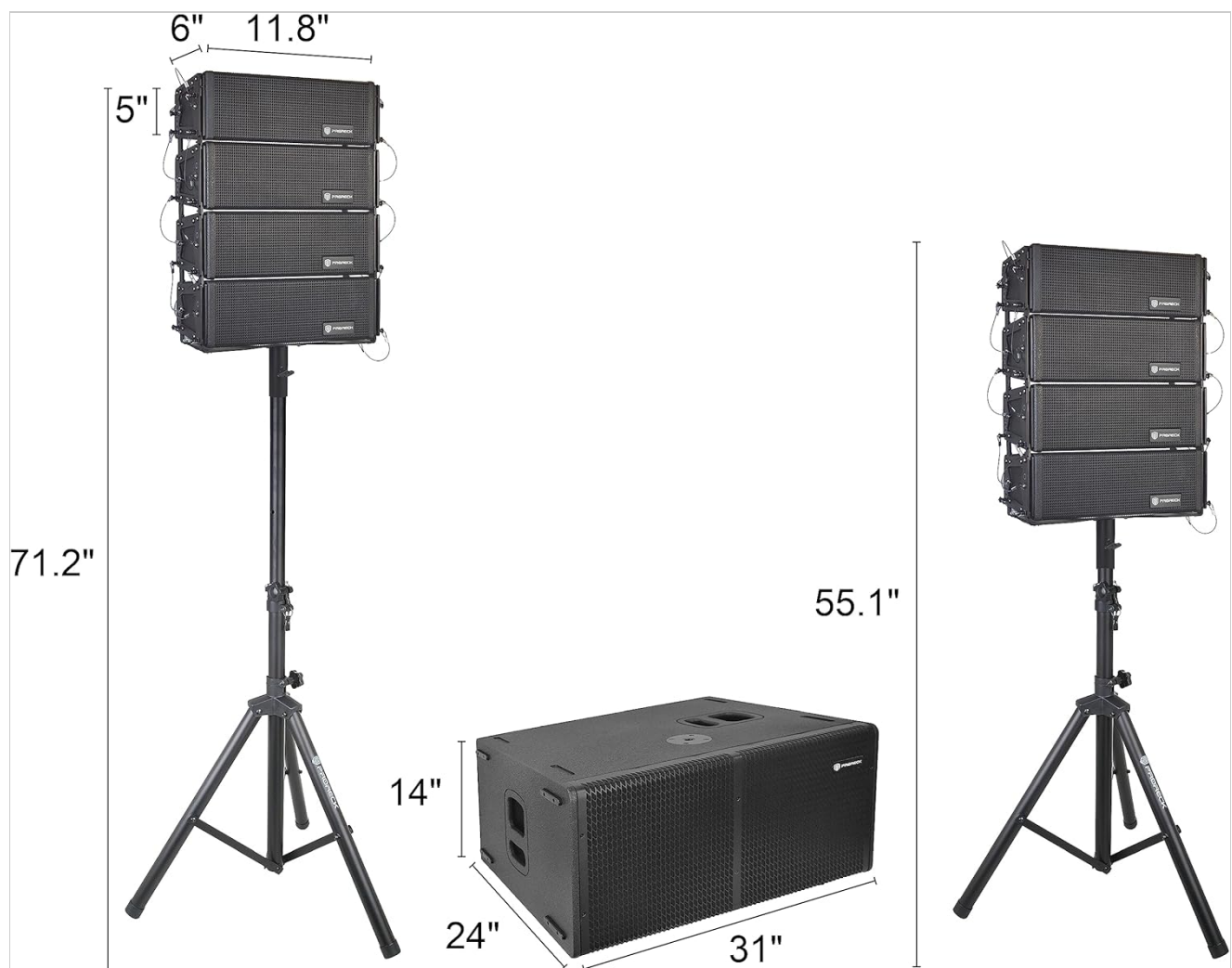


Image: A diagram illustrating the dimensions of the line array speakers, subwoofer, and the overall height when mounted on stands.

1. Power Connection

Connect the 6-feet power cord to the active subwoofer's AC input and then to a suitable power outlet. Ensure the power switch is in the OFF position before connecting to power.

2. Audio Input Connections

The subwoofer includes two combo XLR/Jack inputs, allowing connection of various audio sources such as mixers, microphones, or instruments. Use appropriate cables for your devices.



Image: A diagram illustrating various connection methods for the PROECK Concert Set, including wired connections for mixers, guitars, and microphones, as well as Bluetooth connectivity for smartphones and laptops.

3. Bluetooth Connectivity

To connect a Bluetooth-enabled device (e.g., smartphone, tablet, laptop):

1. Power on the subwoofer.
2. Activate Bluetooth on your device.
3. Search for available devices and select "PROECK Concert Set" (or similar name).
4. Once paired, audio from your device will stream to the PA system.

4. DSP Processor and Sound Modes

The subwoofer features a 96KHz, 48-BIT DSP processor with four preset frequency curves. These presets are designed for different usage scenarios:

- **Family Theater:** Optimized for home entertainment, providing balanced audio.
- **Concert:** Enhanced for live music performances, emphasizing clarity and power.
- **Wedding:** Tailored for events requiring clear vocals and background music.
- **Speech:** Focused on vocal clarity, reducing background noise for presentations.

Select the appropriate DSP mode using the controls on the subwoofer's rear panel to match your specific needs.

DSP Setting Different Modes for Different Needs

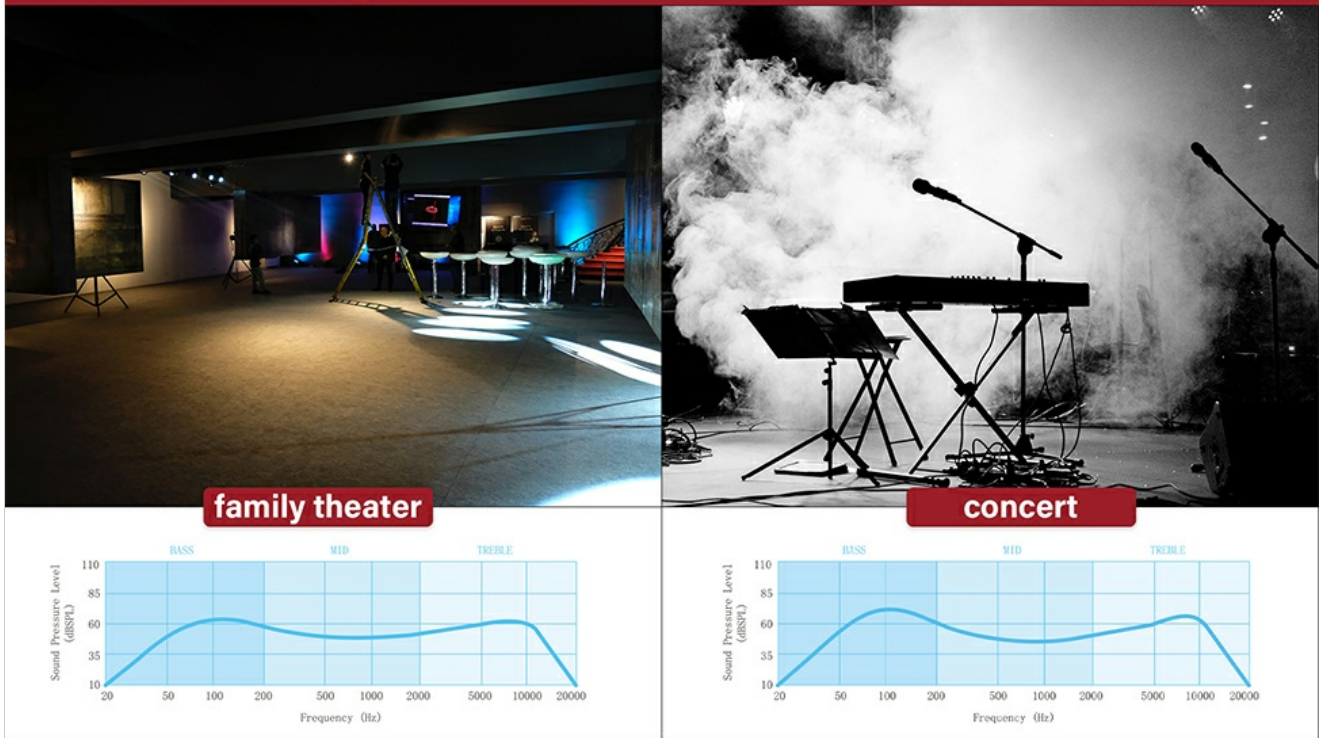


Image: Visual representation of DSP settings for 'Family Theater' and 'Concert' modes, showing their respective frequency response curves.

DSP Setting Different Modes for Different Needs



Image: Visual representation of DSP settings for 'Wedding' and 'Speech' modes, showing their respective frequency response curves.

5. Volume Control

Independent satellite speaker and subwoofer volume controls are available to guarantee optimized sound reproduction. Adjust these controls to achieve the desired audio balance.

6. Mono/Stereo Playback

You can effortlessly switch between mono and stereo playback at the touch of a button on the subwoofer's control panel, depending on your audio source and setup requirements.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your PRORECK Concert Set PA Speaker System.

- **Cleaning:** Use a soft, dry cloth to wipe down the speaker cabinets and subwoofer. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the system in a dry, cool environment, away from direct sunlight and extreme temperatures.
- **Cable Inspection:** Periodically check all cables for signs of wear, fraying, or damage. Replace damaged cables immediately to prevent electrical hazards and ensure consistent audio quality.
- **Ventilation:** Ensure the subwoofer's ventilation ports are clear of obstructions to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your PRORECK Concert Set, refer to the following common troubleshooting steps:

- 1. No Power:**
Ensure the power cord is securely connected to both the subwoofer and a working power outlet. Check the power switch on the subwoofer. Verify the power outlet is functional.
- 2. No Sound:**
Check all audio cable connections between the source, subwoofer, and line array speakers. Ensure the input source is active and sending an audio signal. Verify volume levels on both the source device and the PA system. Check the selected input on the subwoofer.
- 3. Distorted Sound:**
Reduce the volume level on both the source and the PA system. Check for damaged cables. Ensure the input signal is not overdriven. Adjust DSP settings if necessary.
- 4. Bluetooth Connection Issues:**
Ensure Bluetooth is enabled on your device and the subwoofer. Move your device closer to the subwoofer. Disconnect and re-pair the device. Ensure no other devices are currently paired with the subwoofer.
- 5. Uneven Sound Distribution:**
Verify the splay angles of the line array speakers are correctly set for your venue. Adjust speaker placement and angles as needed.

If problems persist after following these steps, please contact PRORECK customer support for further assistance.

SPECIFICATIONS

Feature	Specification
Brand	PRORECK
Model	Concert Set
Power Handling (RMS/Peak)	700W RMS / 1000W Peak

Subwoofer	Dual 12-inch Bass Reflex Active Subwoofer
Line Array Speakers	Dual 4-inch 2-way Passive System (8 units total)
DSP Processor	96KHz, 48-BIT with four preset frequency curves
Audio Input	2 x Combo XLR/Jack inputs
Connectivity Technology	Bluetooth, XLR, 6.35mm Jack
Number of Channels	4
Power Source	Corded Electric
Mounting Type	Pole Mount
Coverage Area	Up to 500 persons and 1000 m ²



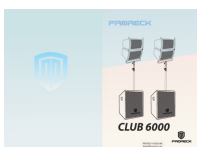

WARRANTY AND SUPPORT



For warranty information, technical support, or service inquiries, please contact PRORECK customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Visit the official PRORECK website or their Amazon store for the most up-to-date support information and contact details.

[PRORECK Official Store on Amazon](#)

Related Documents - Concert Set

	<p>PRORECK SP-12X/SP-15X/SP-18X Powered Subwoofer User Manual</p> <p>Official user manual for PRORECK SP-12X, SP-15X, and SP-18X powered subwoofers. Includes detailed specifications, operation instructions, safety warnings, precautions, and amplifier panel descriptions for optimal use.</p>
	<p>PRORECK PR18 Active Subwoofer User Manual - Sound Reinforcement Guide</p> <p>Comprehensive user manual for the PRORECK PR18 Active Subwoofer. Details setup, operation, safety guidelines, amplifier controls, and technical specifications for this 3000W P.M.P.O sound system.</p>
	<p>Proreck CLUB 6000 Portable PA System User Manual</p> <p>User manual for the Proreck CLUB 6000 portable PA system, detailing its features, setup, operation, and safety instructions. Includes information on speakers, amplifier, media player, and remote control.</p>
	<p>PRORECK SP-12X/SP-15X/SP-18X User Manual - Specifications, Operation, and Safety</p> <p>Comprehensive user manual for PRORECK SP-12X, SP-15X, and SP-18X powered subwoofers. Includes detailed specifications, proper usage instructions, safety precautions, and amplifier panel descriptions.</p>

	<p>Proreck CLUB 3500 PA System User Manual</p> <p>User manual for the Proreck CLUB 3500 PA system, detailing setup, operation, and specifications for this audio equipment.</p>
	<p>Proreck MX10 Portable PA System User Manual</p> <p>User manual for the Proreck MX10 Portable PA System, detailing setup, operation of mixer features, media player functions (USB, Bluetooth), microphone and line inputs, effects, and troubleshooting.</p>

Documents - PRORECK – Concert Set



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