PRORECK PR-208AP

PRORECK PR-208AP Dual 8" Powered Line Array Speaker System User Manual

Model: PR-208AP | Brand: PRORECK

1. INTRODUCTION

This manual provides essential information for the safe and effective operation of your PRORECK PR-208AP Dual 8" Powered Line Array Speaker System. Please read this manual thoroughly before use and retain it for future reference.

The PR-208AP is a high-fidelity, professional sound system designed for live performances, outdoor events, and stage applications. It features dual 8-inch woofers, a 3-inch ferrite driver, a built-in Class-D amplifier with 4000W P.M.P.O, and DSP sound processing for optimal audio performance.

2. SAFETY INFORMATION

- **Electrical Safety:** Always connect the unit to a grounded power outlet. Do not expose the unit to rain or moisture. Do not open the speaker enclosure; refer servicing to qualified personnel.
- **Placement:** Ensure the speaker is placed on a stable, level surface or securely mounted using appropriate hardware. Avoid placing near heat sources or in direct sunlight.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Use caution when adjusting volume.
- **Ventilation:** Ensure adequate ventilation around the speaker to prevent overheating. Do not block ventilation openings.
- **Power Cable:** Use only the provided power cable. Do not modify or damage the power cable.

3. PACKAGE CONTENTS

- PRORECK PR-208AP Array Speaker
- Power Cable
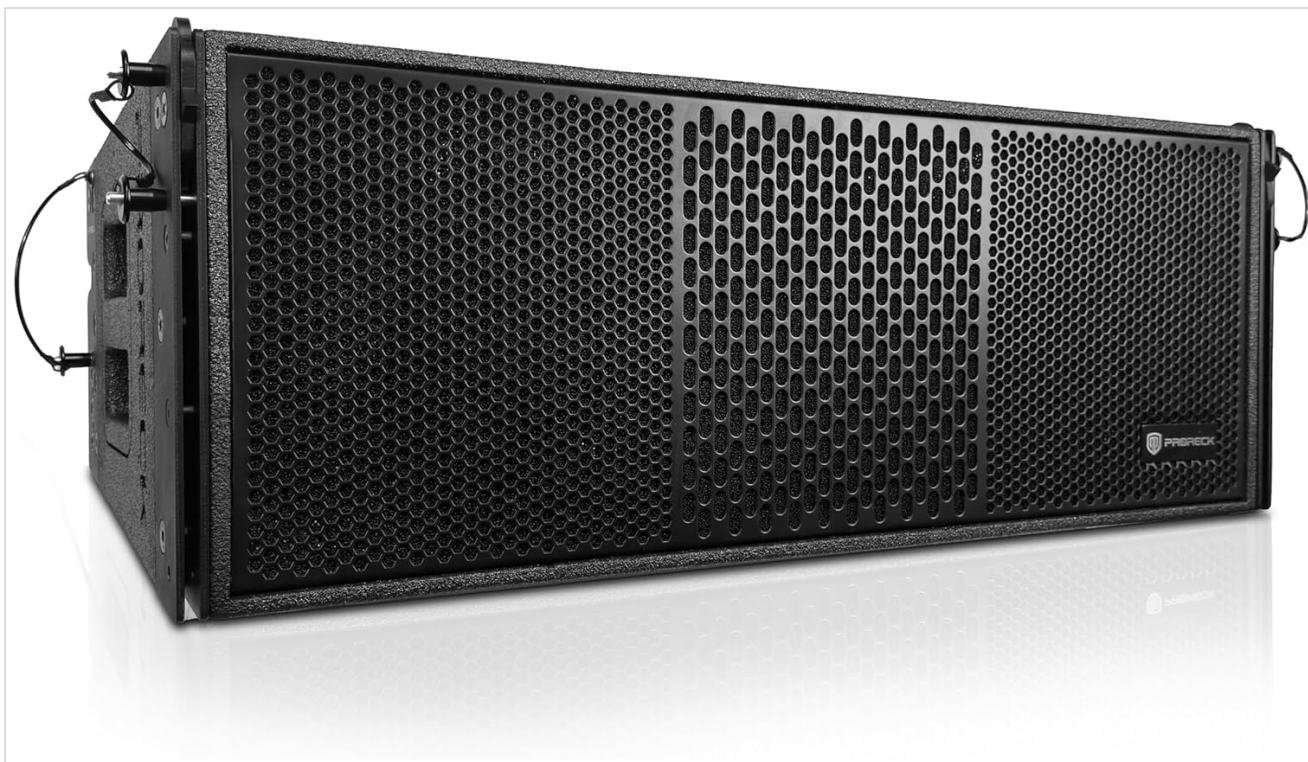
4. PRODUCT OVERVIEW

Figure 1: Front view of the PRORECK PR-208AP Line Array Speaker.

Figure 2: Rear panel of the PRORECK PR-208AP, showing various inputs, outputs, and controls.

Figure 3: Detailed view of the PR-208AP control panel, highlighting DSP presets, volume controls, and input/output options. For more information, visit audioproreck.com.

Key Features:

- Dual 8-inch woofers and 3-inch ferrite driver for high-fidelity audio.
- Built-in Class-D amplifier with 4000W P.M.P.O.
- Integrated DSP with 4 preset modes (Normal, Live, DJ, Speech).
- Multiple input/output options including XLR and 1/4" TRS combo jacks.
- Bluetooth connectivity for wireless audio streaming.
- TWS (True Wireless Stereo) linking for stereo pairing with another compatible speaker.
- Robust all-birch plywood enclosure for durability.
- Easy mounting options and 6 preset angles (0°, 2°, 4°, 6°, 8°, 10°) for sound coverage adjustment.

5. SETUP

5.1 Physical Assembly

The PR-208AP is designed for easy stacking and secure fastening. Up to 12 units can be linked together. Ensure the mounting system is stable for all configurations.

Figure 4: Side view illustrating the pin settings for adjusting the speaker's angle (0°, 2°, 4°, 6°, 8°, 10°).

5.2 Connections

Connect the power cable to the AC IN port on the rear panel and then to a grounded power outlet. Use XLR or 1/4" TRS combo jacks for audio input. For connecting multiple speakers, use the XLR output to link to another active speaker.

Video 1: This video demonstrates the physical setup and cabling for a PRORECK line array system (StagePro 12 model). While the model differs, the general principles of connecting line array speakers and power are similar to the PR-208AP.

6. OPERATING INSTRUCTIONS

6.1 Control Panel Overview

The rear panel features controls for input levels, Bluetooth, DSP modes, and master volume. LEDs indicate power, signal, and clip status.

Video 2: This video provides detailed operation instructions for a similar PA system (NBVOICE NBVXA218). The control panel layout and functionality, including DSP modes, volume adjustments, and input/output connections, are highly comparable to the PRORECK PR-208AP.

Video 3: This video demonstrates the setup and use of a similar PA system (NBVOICE 15" Subwoofer). It covers connecting cables, adjusting controls, and highlights features like Bluetooth and portability, which are also present in the PR-208AP.

6.2 DSP Modes

The PR-208AP offers 4 DSP preset modes to optimize sound for different applications:

- **Normal:** Standard sound profile for general use.
- **Live:** Enhanced for live music performances.
- **DJ:** Optimized for DJ sets with boosted bass and treble.
- **Speech:** Clear vocal reproduction for presentations and speeches.

Rotate the DSP Mode knob to select the desired preset.

6.3 Volume Controls

- **Sub Level:** Adjusts the volume of the subwoofer output.
- **Full Range Level:** Adjusts the overall volume of the full-range speakers.
- **CH1/CH2 Level:** Controls the input gain for Microphone/Line inputs.
- **BT Level:** Adjusts the volume for Bluetooth audio.

6.4 Bluetooth and TWS Linking

To connect via Bluetooth, press the 'Mode' button on the MP3 control digital display until 'Bluetooth' appears. On your device, search for 'NBVOICE' and pair. For True Wireless Stereo (TWS) linking, ensure both PR-208AP speakers are powered on and in Bluetooth mode. Press the TWS button on both units to pair them for stereo sound.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use abrasive cleaners or solvents.
- **Storage:** Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly inspect cables and connections for any signs of wear or damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; power switch off; blown fuse.	Check power cable connection; ensure power switch is ON; replace fuse if necessary.
No sound output	Volume too low; incorrect input selected; faulty cable; device not paired (Bluetooth).	Increase volume; verify input selection; check/replace cables; re-pair Bluetooth device.
Distorted sound	Input level too high (Clip LED active); faulty cable; speaker overload.	Reduce input level; check/replace cables; lower overall volume.
Bluetooth not connecting	Speaker not in pairing mode; device too far; interference.	Ensure speaker is in Bluetooth mode (display shows 'Bluetooth'); move device closer; minimize interference.

9. SPECIFICATIONS

Feature	Detail
Model Name	PR-208AP

Feature	Detail
Speaker Type	Woofer (Line Array)
Speaker Size	8 Inches (Woofer Diameter)
Audio Driver Type	Dynamic Driver
Speaker Maximum Output Power	4000 Watts P.M.P.O
Connectivity Technology	XLR, Bluetooth
Audio Output Mode	Stereo
Control Method	Touch (Digital Display)
Material	Wood (All-birch plywood enclosure)
Product Dimensions	15"D x 29.5"W x 11"H
Mounting Type	Frame Mount
Included Components	Power Cable
Manufacturer	PRORECK
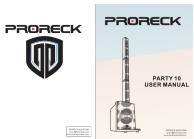
10. WARRANTY AND SUPPORT

The PRORECK PR-208AP Array Speaker comes with a Limited Warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact PRORECK customer support.

For technical support, troubleshooting assistance, or service inquiries, please visit the official PRORECK website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.

Related Documents - PR-208AP

	[PRORECK SP-12X/SP-15X/SP-18X Powered Subwoofer User Manual](#) 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.
	[PRORECK PARTY 10 User Manual: Assembly, Operation, and Specifications](#) Comprehensive user manual for the PRORECK PARTY 10 portable PA system. Learn about assembly, key features, safety instructions, Bluetooth connectivity, TWS pairing, microphone usage, and technical specifications.
	[Proreck CLUB 6000 Portable PA System User Manual](#) 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.

	[Proreck MX10 Portable PA System User Manual](#) 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.
	[PRORECK SP-12X/SP-15X/SP-18X User Manual - Specifications, Operation, and Safety](#) 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.
	[Proreck CLUB 3500 PA System User Manual](#) User manual for the Proreck CLUB 3500 PA system, detailing setup, operation, and specifications for this audio equipment.