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NBVOICE NBVXA218

NBVOICE NBVXA218 PA System User Manual

18-Inch 4000W Stereo PA Speaker System with Bluetooth/USB/Remote

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your NBVOICE NBVXA218 18-Inch 4000W Stereo PA Speaker System. Please read thoroughly before use to ensure proper functionality and safety. This system is designed to deliver powerful, clear audio for various events, including DJ performances, weddings, parties, and conferences.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Ensure the power supply voltage matches the requirements specified on the unit. Use only the provided power cable.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Keep the system away from water, rain, and excessive humidity. Do not operate with wet hands.
- **Placement:** Place the system on a stable, level surface. Avoid placing it near heat sources or in direct sunlight.
- **Servicing:** Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- **Hearing Protection:** Prolonged exposure to high volume levels can cause permanent hearing damage. Use appropriate hearing protection.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x 18-Inch Active Subwoofer
- 4 x Line Array Speakers
- 2 x Adjustable Tripods (65-89 inches)

- Speaker Cables
- Power Cable
- Remote Control
- User Manual



Figure 3.1: An overview of the NBVOICE NBVXA218 PA system, showcasing the active subwoofer, four line array speakers, and two adjustable tripods.

4. SYSTEM OVERVIEW

The NBVOICE NBVXA218 is a powerful stereo PA system designed for versatile audio applications. It features an 18-inch active subwoofer for deep bass and four line array speakers for broad sound coverage. The system includes adjustable tripods for flexible placement and multiple connectivity options.



Figure 4.1: This diagram illustrates the physical dimensions of the subwoofer (19.7" W x 23.6" D x 23.6" H) and the adjustable height of the line array speakers on their tripods (65" to 83").

5. SETUP INSTRUCTIONS

Follow these steps to set up your NBVOICE NBVXA218 PA System:

- 1. Positioning:** Place the active subwoofer on a stable surface. Position the two tripods on either side of the subwoofer, ensuring they are stable.
- 2. Mounting Line Array Speakers:** Mount two line array speakers onto each tripod. The speakers can be adjusted up to 30 degrees for optimal sound dispersion.
- 3. Power Connection:** Connect the power cable to the subwoofer's AC power input and then to a suitable power outlet. Ensure the main power switch is in the OFF position before connecting.
- 4. Speaker Connections:**
 - Connect the line array speakers to the subwoofer using the provided speaker cables.
 - Use the blue speaker jumper cables to connect the two line array speakers on each tripod to each other.
 - Connect the subwoofer to an external audio source (e.g., mixer, smartphone, tablet) using appropriate cables (XLR, 1/4" TRS, RCA, 3.5mm AUX).

5. **Power On:** Once all connections are secure, switch the main power switch on the subwoofer to the ON position.



Figure 5.1: The line array speakers can be adjusted up to 30 degrees on their tripods, allowing for optimal sound dispersion in various environments.

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Video 5.1: This video demonstrates the connection process for the NBVOICE PA system, including power, speaker cables, jumper cables between line array speakers, and an external mixer. It also shows how to use the mono/stereo switch, DSP presets, and adjust subwoofer and full-range volume levels. Bluetooth pairing and USB playback are also covered.

6. OPERATING INSTRUCTIONS

Familiarize yourself with the control panels and features for optimal performance.

6.1. Multi-function Control Panel (Top of Subwoofer)

Multi-function Panel

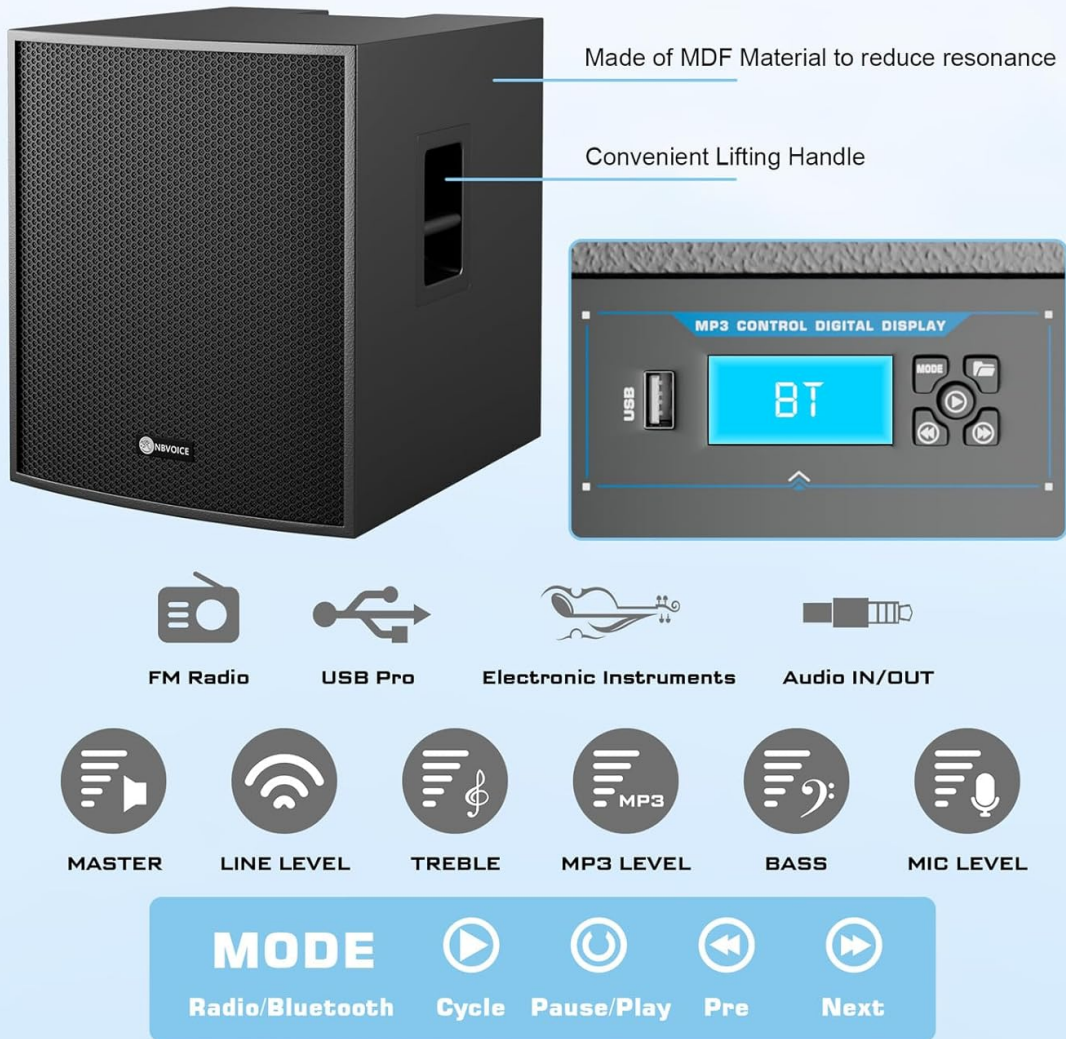


Figure 6.1: The multi-function panel on the active subwoofer features a digital display, USB input, and controls for mode selection (FM Radio, USB, Bluetooth), track navigation, and play/pause.

- **Digital Display:** Shows current mode and track information.
- **USB Port:** Insert a USB drive for direct audio playback.
- **Mode Button:** Cycles through input modes (Bluetooth, USB, FM Radio, AUX).
- **Playback Controls:** Play/Pause, Previous Track, Next Track.
- **Bluetooth Pairing:** Select Bluetooth mode. On your device, search for "NBVOICE" and connect.

6.2. Rear Panel Controls



Figure 6.2: The rear panel of the subwoofer includes XLR and 1/4" TRS combo jacks for line inputs, XLR outputs, a mono/stereo switch, DSP preset selector, subwoofer level control, full range level control, main power switch, and AC power input with built-in fuse.

- **Input Jacks (LINE R/L):** XLR and 1/4" TRS combo jacks for connecting external audio sources like mixers, instruments, or other audio devices.
- **XLR Output (LINE OUT R/L):** For connecting additional active speakers or sending the audio signal to other sound equipment.
- **Mono/Stereo Switch:** Press to select Stereo mode (sound from left and right inputs is separated). Release for Mono mode (left and right inputs are summed).
- **DSP Preset:** Rotate the knob to select from four sound effect modes:
 - **1. Normal:** Standard sound profile.
 - **2. Live:** Optimized for live music performances.
 - **3. DJ:** Enhanced for DJ sets with prominent bass.
 - **4. Speech:** Clearer vocal reproduction for presentations or speeches.
- **SUB LEVEL:** Adjusts the volume level of the subwoofer.
- **FULL RANGE LEVEL:** Adjusts the volume level of the line array speakers.
- **Main Power Switch:** Turns the system ON/OFF.

6.3. Remote Control

The included remote control allows for convenient adjustment of playback, mode selection, and volume from a distance.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the speakers and subwoofer. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the system in a cool, dry place, protected from dust and extreme temperatures.
- **Cable Care:** Regularly inspect all cables for damage. Replace any frayed or damaged cables immediately.

8. TROUBLESHOOTING

- **No Power:** Check the power cable connection and ensure the main power switch is ON. Verify the power outlet is functional.
- **No Sound:**
 - Ensure all speaker cables are securely connected.
 - Check input source connections (Bluetooth, USB, AUX, XLR).
 - Adjust the SUB LEVEL and FULL RANGE LEVEL knobs.
 - Verify the input device's volume is turned up.
- **Distorted Sound:**
 - Reduce the volume level of the input source or the system.
 - Check for damaged cables.
 - Ensure the DSP preset is appropriate for the audio content.
- **Bluetooth Connection Issues:**
 - Ensure the system is in Bluetooth mode.
 - Move your Bluetooth device closer to the subwoofer.
 - Disconnect and re-pair the device.

9. SPECIFICATIONS

Feature	Specification
Brand	NBVOICE
Model	NBVXA218
Peak Power	4000W
RMS Power	1000W
Subwoofer Size	18-Inch
Connectivity Technology	Bluetooth 5.3, USB, AUX, RCA, XLR
Bluetooth Range	Up to 33 feet
DSP Presets	Normal, Live, DJ, Speech
Tripod Height Adjustment	65-89 inches
Material	Plastic, Wood (MDF for subwoofer)
Product Dimensions (Subwoofer)	19.7 x 23.6 x 23.6 inches
Item Weight	80 pounds

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact NBVOICE customer support through the retailer where the product was purchased or visit the official NBVOICE website. Please retain your proof of purchase for warranty claims.