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Knox Gear PORTABLE 208

Knox Gear Dual Speaker and Mixer Set Instruction Manual

Model: PORTABLE 208 | Brand: Knox Gear

Your comprehensive guide to setting up, operating, and maintaining your portable PA system.

1. PRODUCT OVERVIEW

The Knox Gear Dual Speaker and Mixer Set is a portable 8-inch, 300-watt DJ PA system designed for versatile audio performance. It integrates an 8-channel audio mixer with two passive speakers, providing crisp, clear, and powerful sound for both indoor and outdoor events. Its compact, interlocking design ensures easy transport and storage.



Image: The complete Knox Gear Dual Speaker and Mixer Set, showcasing the two speakers, the central mixer unit, and the two included tripod stands.

2. WHAT'S INCLUDED

Your Knox Gear Dual Speaker and Mixer Set package contains all essential components for immediate use:

- 1 x 8-Channel Audio Mixer
- 2 x 8-inch Passive Speakers (300-watt peak / 100w RMS each)
- 1 x Wired Microphone
- 2 x Adjustable Height Tripod Speaker Stands
- 1 x Power Cable
- 2 x Line-in Speaker Cables



Image: A comprehensive view of all items included in the Knox Gear Dual Speaker and Mixer Set, neatly arranged.

3. SETUP GUIDE

3.1 Unpacking and Initial Assembly

Carefully remove all components from the packaging. The system features an interlocking design where the speakers attach to the mixer for compact transport. To set up, separate the speakers from the central mixer unit.



INTERLOCKING DESIGN



System Fits Together for
Portability and Convenience

Image: The interlocking design of the Knox Gear PA system, demonstrating how the speakers and mixer connect for easy portability.

3.2 Speaker Stand Setup

Extend the legs of the tripod speaker stands to a stable position. Adjust the height of the stands as needed for optimal sound projection. Place one speaker securely on top of each stand.

2 TRIPOD STANDS INCLUDED



Image: A detailed view of the included tripod speaker stand, highlighting its adjustable height and stable base.

3.3 Connecting Components

1. Connect the two line-in speaker cables from the mixer's speaker outputs to the inputs on each passive speaker.
2. Plug the wired microphone into one of the XLR microphone inputs (CH1-CH4) on the mixer.
3. Connect the power cable to the mixer and then to a standard electrical outlet.

Ensure all connections are secure before powering on the system.

4. OPERATING INSTRUCTIONS

The 8-channel audio amplifier mixer provides comprehensive control over your sound. Familiarize yourself with the control panel:

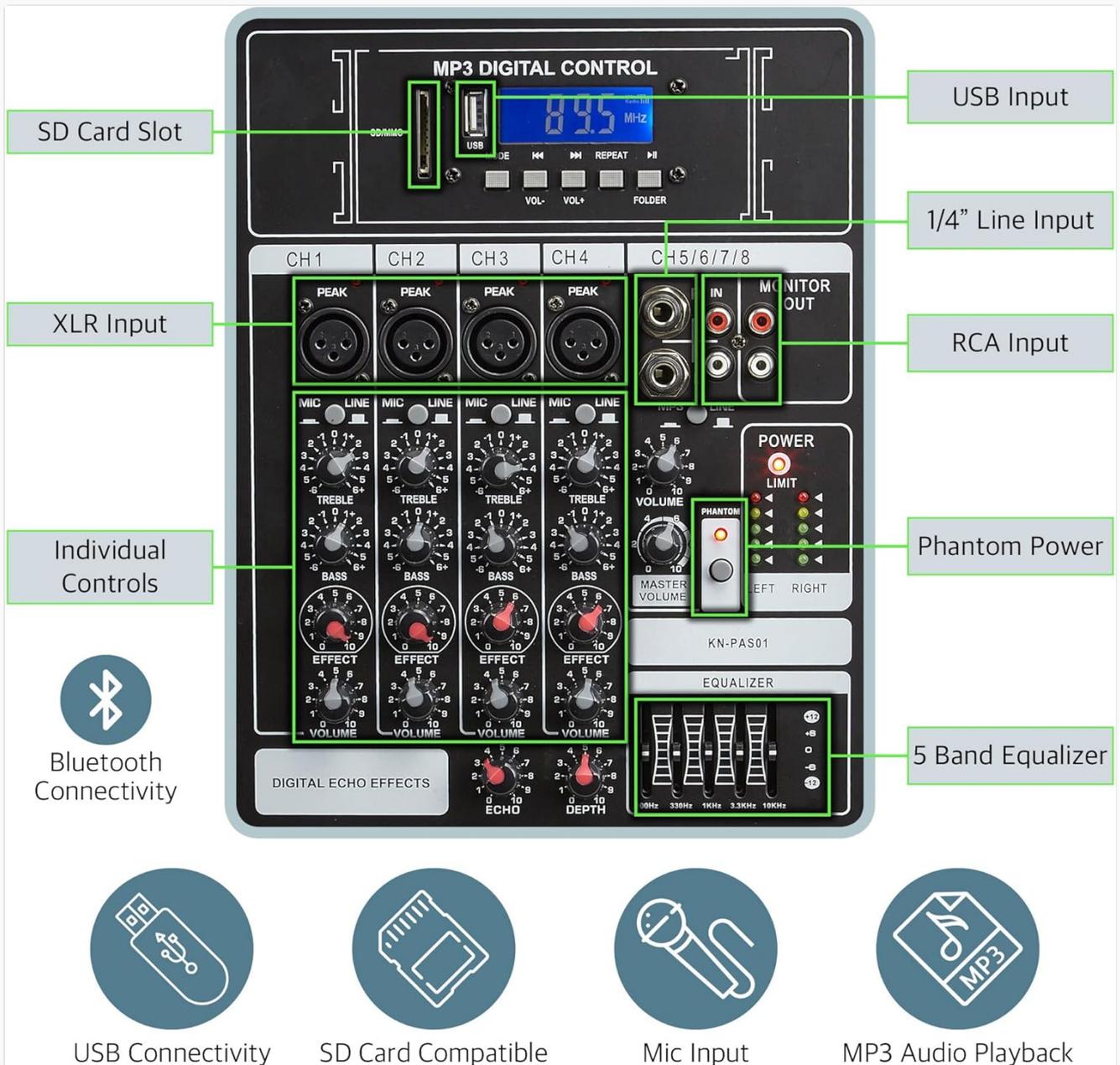


Image: Close-up of the mixer's control panel, indicating various inputs (XLR, 1/4" Line, RCA), individual channel controls, and media playback options.

4.1 Powering On/Off

Locate the power switch on the rear of the mixer unit. Flip the switch to the "ON" position to power up the system. Always power off the system when not in use.

4.2 Input Channels

- ****Channels 1-4 (XLR/1/4" Line Inputs):**** These channels are designed for microphones (XLR) or instruments/line-level devices (1/4" TRS/TS). Each channel has individual controls for gain, treble, bass, effect, and volume.
- ****Channels 5/6 & 7/8 (RCA/1/4" Line Inputs):**** These stereo channels are suitable for connecting external audio sources like CD players, laptops, or other media devices using RCA or 1/4" cables.

4.3 Media Playback (MP3 Digital Control)

The mixer features a digital control panel for various media inputs:

- ****Bluetooth:**** Press the "MODE" button until "BT" appears on the display. Pair your Bluetooth-enabled device

(smartphone, tablet, PC) with the system.

- **USB:** Insert a USB drive containing MP3 audio files into the USB port. The system will automatically detect and begin playback.
- **SD Card:** Insert an SD card with MP3 audio files into the SD card slot. Playback will commence automatically.

Use the control buttons (Play/Pause, Next/Previous, Volume +/-) on the MP3 Digital Control panel to manage playback.

4.4 Sound Adjustment

- **Individual Channel Controls:** Adjust the GAIN, TREBLE, BASS, EFFECT, and VOLUME knobs for each channel to fine-tune the audio input.
- **Master Volume:** The main VOLUME knob controls the overall output level of the entire system.
- **5-Band Equalizer:** Use the sliders on the 5-band equalizer to adjust the frequency response of the main output, allowing you to shape the overall tone of your sound.
- **Digital Echo Effects:** The "EFFECT" and "ECHO/DEPTH" controls allow you to add and adjust digital echo effects to the microphone channels.
- **Phantom Power:** Activate phantom power if you are using condenser microphones that require it.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Knox Gear PA system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the speakers and mixer. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the system in a cool, dry place. Utilize the interlocking design and accessory storage compartment to keep components organized and protected.
- **Cable Care:** Handle cables carefully. Avoid sharp bends or kinks that can damage the internal wiring.
- **Ventilation:** Ensure the mixer unit has adequate ventilation during operation to prevent overheating.



Bluetooth Connectivity

Connect speakers to MP3 players, smartphones, iPads and PCs by using the built-in Bluetooth feature.

Powerful Sound

Two 8" subwoofers provide crisp, clear and powerful sound indoors or outdoors!

Image: The mixer unit with its rear panel open, revealing the convenient accessory storage compartment for cables and the microphone.

6. TROUBLESHOOTING

If you encounter issues with your PA system, consult the following common troubleshooting steps:

Problem	Possible Cause / Solution
No Sound Output	<ul style="list-style-type: none"> ◦ Ensure the power cable is securely connected and the unit is powered on. ◦ Check all speaker cables and input cables for secure connections. ◦ Verify that the Master Volume and individual channel volumes are turned up. ◦ Confirm that the correct input source (Bluetooth, USB, SD, XLR, RCA) is selected.
Distorted Sound	<ul style="list-style-type: none"> ◦ Reduce the Master Volume or individual channel volumes to prevent clipping (indicated by "PEAK" lights). ◦ Check input signal levels; ensure they are not too high. ◦ Adjust the 5-band equalizer settings.
Bluetooth Connectivity Issues	<ul style="list-style-type: none"> ◦ Ensure Bluetooth mode is selected on the mixer. ◦ Verify your device's Bluetooth is enabled and within range. ◦ Forget the device on your phone/tablet and re-pair.

7. SPECIFICATIONS

Feature	Detail
Model Number	PORTABLE 208
Output Wattage	300 Watts (Peak)
Number of Channels	8
Speaker Woofer Size	8 inches
Speaker Impedance	8 Ohm
Connectivity Technology	Bluetooth, USB, SD, 1/4" Line, RCA, XLR
Product Dimensions (L x W x H)	28 x 14 x 24.5 inches
Item Weight	16 ounces (individual speaker) / 1 pound (total system)
Color	Black
UPC	663701817041



Active Loudspeakers DJ MIXER SET

CRISP, CLEAR
& **POWERFUL**

For Indoor
& Outdoor Use



2x 100 Watt Speakers
300 Watts Peak

8 Channel Powered
Amplifier Audio Mixer

Woofer Size:	8"	Woofer Impedance:	8 Ohms x2
Woofer Magnet:	30oz.	Horn Size:	1.75"
Woofer Coil Size:	1.5"	Frequency Response:	60-19Hz

Image: Visual representation of the speaker and mixer dimensions, along with key technical specifications.

8. WARRANTY & SUPPORT

The Knox Gear Dual Speaker and Mixer Set comes with a **1-Year Warranty** covering parts and labor. This warranty ensures that your product will function as expected under normal use.

For technical support, warranty claims, or any questions regarding your product, please refer to the contact information provided in your product packaging or visit the official Knox Gear website.