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Behringer PK112A

Behringer PK112A Active PA Speaker System Instruction Manual

Model: PK112A

1. INTRODUCTION

The Behringer PK112A is a high-power 600-watt, 2-way active PA sound reinforcement speaker system designed for both live sound and playback applications. This ultra-compact and lightweight system delivers excellent sound performance even at high sound pressure levels. It features a built-in media player with a display, SD card slot, USB port, and Bluetooth receiver, along with a 2-channel mixer for versatile audio input management.



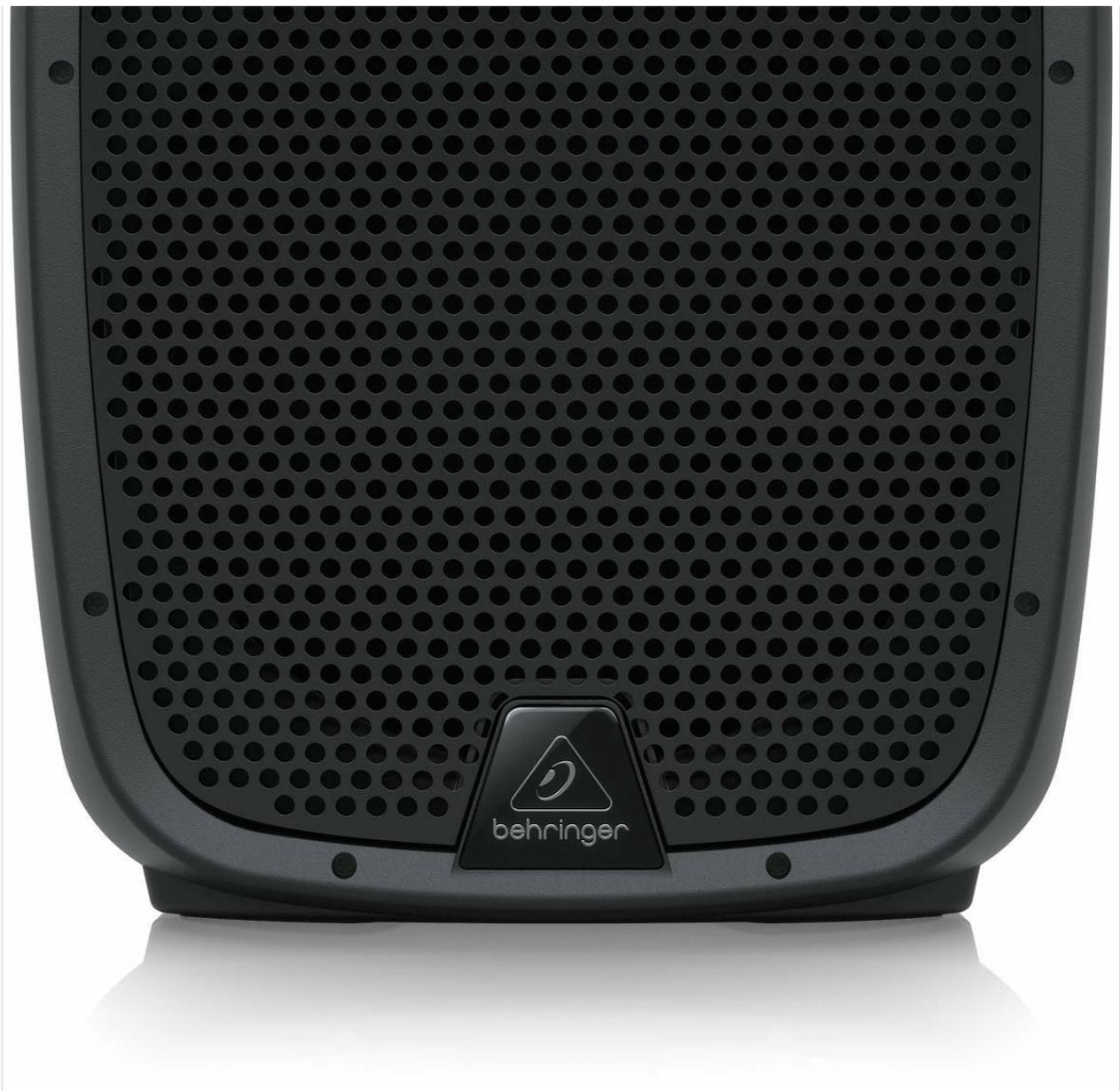


Figure 1.1: Front view of the Behringer PK112A Active PA Speaker System.

2. SETUP

2.1 Unpacking and Inspection

Carefully unpack the PK112A speaker system and inspect it for any signs of damage during transit. Retain the packaging materials for future transport or storage.

2.2 Placement Options

The PK112A can be placed in various configurations:

- **Pole Mount:** The speaker features a standard pole mount socket on the bottom for use with speaker stands.
- **Floor Placement:** It can be placed horizontally on the floor for use as a stage monitor or vertically for general sound reinforcement.

2.3 Power Connection

1. Ensure the power switch on the rear panel is in the "OFF" position.
2. Connect the supplied power cable to the AC inlet on the rear panel of the speaker.

3. Plug the other end of the power cable into a suitable electrical outlet.

2.4 Audio Connections

The PK112A features a 2-channel mixer with various input options. Refer to Figure 2.1 for the rear panel layout.





Figure 2.1: Rear panel connections of the Behringer PK112A.

- **Mic/Line Inputs (MIC 1, MIC 2):** Connect microphones or line-level instruments using XLR or 1/4" TRS cables. Adjust individual volume controls for each input.
- **Line/MP3 Input (LINE / MP3):** Connect external audio sources such as CD players, mixers, or other devices using RCA cables.
- **Output (OUT):** Use this RCA output to connect to another active speaker or recording device.

2.5 Bluetooth Pairing

1. Power on the PK112A speaker.
2. On the media player section, ensure Bluetooth mode is selected. The Bluetooth indicator light will flash, indicating it is ready for pairing.
3. Activate Bluetooth on your mobile device (smartphone, tablet, etc.) and search for available devices.
4. Select "BEHRINGER PK112A" from the list of devices.
5. Once paired, the Bluetooth indicator light will become solid. You can now stream audio wirelessly to the speaker.

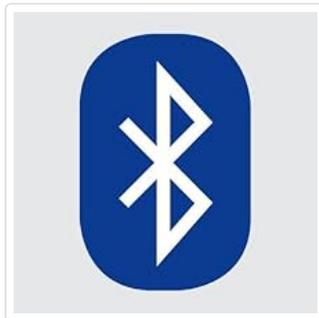


Figure 2.2: Bluetooth connectivity indicator.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

To power on the speaker, flip the power switch on the rear panel to the "ON" position. To power off, flip the switch to "OFF". Always ensure all volume controls are at their minimum before powering on or off to prevent sudden loud noises.

3.2 Mixer Controls

The integrated 2-channel mixer allows for precise control over your audio sources.



Figure 3.1: Built-in Mixer Controls.

- **MIC 1 / MIC 2 Volume:** Adjusts the input level for connected microphones or line-level devices.
- **LINE / MP3 Volume:** Controls the input level for the RCA line input and the internal media player (USB/SD/Bluetooth).
- **MASTER Volume:** Adjusts the overall output volume of the speaker.
- **EQ (HIGH / LOW):** Provides 2-band equalization to adjust the treble (HIGH) and bass (LOW) frequencies of the overall sound.
- **CLIP LED:** This indicator lights up red when the input signal is too high, indicating potential audio clipping or distortion. Reduce the input volume if this LED illuminates frequently.

3.3 Media Player Operation

The built-in media player supports playback from USB drives, SD cards, and Bluetooth devices.

- **USB Port:** Insert a USB flash drive containing audio files (e.g., MP3) into the USB port. The player will automatically detect and begin playback.
- **SD Card Slot:** Insert an SD card containing audio files into the SD card slot. The player will detect and play the files.
- **Mode Button:** Use the Mode button to switch between USB, SD, and Bluetooth input sources.
- **Playback Controls:** Use the play/pause, stop, previous, and next track buttons on the media player panel to control audio playback.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your PK112A speaker system.

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the speaker. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Avoid using abrasive cleaners, solvents, or waxes, as these can damage the finish.
- **Grille Cleaning:** The metal grille can be gently cleaned with a soft brush to remove dust and debris.
- **Storage:** When not in use for extended periods, store the speaker in a dry, cool environment, ideally in its original packaging or a protective cover, to prevent dust accumulation and physical damage.
- **Cable Management:** Always handle power and audio cables carefully. Avoid sharp bends or kinks, and unplug them by grasping the connector, not the cable itself.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your PK112A speaker system.

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> • Speaker not powered on. • Volume controls (input or master) are too low. • Incorrect input source selected. • Faulty audio cable or connection. 	<ul style="list-style-type: none"> • Ensure power switch is ON. • Increase relevant volume controls. • Verify correct input mode (Bluetooth, USB, SD, Line). • Check and replace cables if necessary.
Distorted sound	<ul style="list-style-type: none"> • Input signal too high (CLIP LED illuminated). • Master volume too high. • Faulty audio source. 	<ul style="list-style-type: none"> • Reduce input volume from the source or on the speaker's MIC/LINE controls. • Lower the MASTER volume. • Test with a different audio source.
Bluetooth pairing issues	<ul style="list-style-type: none"> • Speaker not in pairing mode. • Device too far from speaker. • Interference from other devices. 	<ul style="list-style-type: none"> • Ensure Bluetooth mode is selected and indicator is flashing. • Move device closer to the speaker. • Turn off other Bluetooth devices nearby. • Forget the device on your phone and try pairing again.

6. SPECIFICATIONS

Feature	Detail
Model Number	PK112A
Output Wattage	600 Watts
Item Dimensions (L x W x H)	30.8 x 37.5 x 58.3 inches
Item Weight	32 Pounds
Connectivity Technology	Bluetooth, USB
Number of Channels	2
Audio Input	Microphone, Line-level
Enclosure Material	Metal, Plastic
Mounting Type	Pole Mount
Power Source	Corded Electric

7. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Behringer community website:

community.musictribe.com

This resource provides comprehensive support, FAQs, and contact options for Behringer products.