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› HK Audio POLAR 12 Speaker System Instruction Manual

HK Audio POLAR 12

HK Audio POLAR 12 Powered Column Array Audio Speaker System

Instruction Manual

Model: POLAR 12

INTRODUCTION

This manual provides essential information for the safe and effective operation of your HK Audio POLAR 12 Two-Way 12" 2000W Powered Column Array Audio Speaker System. The POLAR 12 is designed for live performances, DJ sets, and public events, offering powerful and clear audio output. Please read this manual thoroughly before setup and operation to ensure optimal performance and longevity of your system.

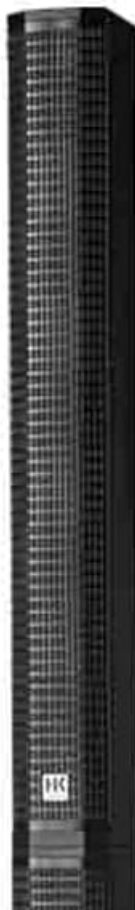




Figure 1: The HK Audio POLAR 12 speaker system fully assembled, showing the subwoofer base and the column array speaker.

WHAT'S IN THE BOX

Your HK Audio POLAR 12 system package includes the following components:

- POLAR 12 Subwoofer Unit
- POLAR 12 Column Array Speaker (consisting of multiple sections)
- Power Cable (Corded Electric)
- Superlux TM58 Dynamic Vocal Microphone
- XLR-XLR Cable
- User Manual (this document)

KEY FEATURES

- **Two-Way Design:** Optimized for clear sound reproduction across the frequency spectrum.
- **2000W Peak Power:** Delivers robust audio output suitable for various event sizes.
- **12-inch Subwoofer:** Provides deep and impactful bass.
- **Column Array Speaker:** Ensures wide sound dispersion and consistent coverage.
- **Bluetooth Connectivity:** Seamless wireless audio streaming from compatible devices (Smartphone, Tablet, Laptop) with a range of up to 10 meters.
- **Integrated Digital Signal Processor (DSP):** For advanced audio control and optimization.
- **Multiple Inputs:** Supports various audio sources including line, microphone, and instrument inputs.
- **Portable Design:** Features a handle for easy transport and a modular column for compact storage.
- **Floor Standing Mount:** Stable and secure placement.

SETUP

Follow these steps to set up your HK Audio POLAR 12 system:

1. **Placement:** Choose a stable, flat surface for the subwoofer unit. Ensure adequate space around the unit for ventilation and cable connections.
2. **Assemble Column Array:** Carefully insert the column array speaker sections into the designated slot on top of the subwoofer unit. Ensure they are securely locked into place.





Figure 2: Top view of the POLAR 12 subwoofer, showing the slot where the column array speaker is inserted.

3. **Power Connection:** Connect the provided power cable to the power input on the rear of the subwoofer unit and then to a suitable electrical outlet.



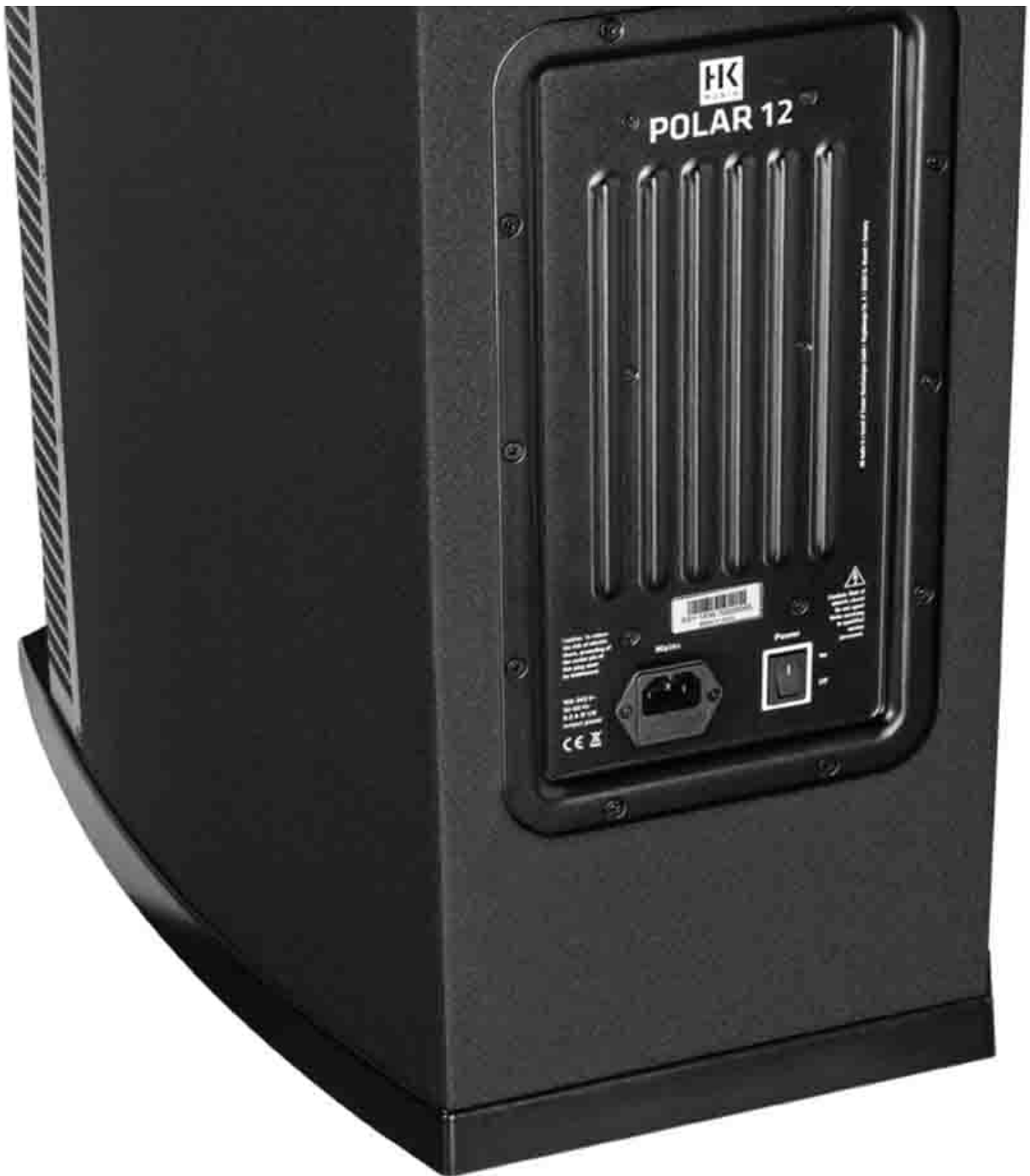


Figure 3: Rear view of the POLAR 12 subwoofer, highlighting the power input and the integrated control panel.

4. **Connect Microphone/Instruments:** Use the XLR-XLR cable to connect the Superlux TM58 Dynamic Vocal Microphone to one of the microphone inputs (e.g., Channel 1 or 2) on the control panel. For other instruments or line-level devices, use the appropriate inputs.
5. **Power On:** Turn on the main power switch, usually located near the power input. The LCD screen on the control panel should illuminate.

OPERATING INSTRUCTIONS

The POLAR 12 features an intuitive control panel for managing your audio. Refer to Figure 4 for a detailed view of the controls.



Figure 4: Detailed view of the POLAR 12 control panel, showing various inputs, volume knobs, and the LCD screen.

- **Volume Control:** Adjust the individual volume knobs for each input channel (Line/Mic 1, Line/Mic 2, Instrument 3, Aux/Bluetooth 4). The Master knob controls the overall output volume.
- **Bluetooth Pairing:** To connect a Bluetooth device, ensure Bluetooth is enabled on your device. Press the Bluetooth pairing button on the POLAR 12 control panel. Select "HK Audio POLAR 12" from your device's Bluetooth list. A successful connection will be indicated on the LCD screen.
- **DSP Presets:** The integrated 24-bit Digital Signal Processor (DSP) offers various sound presets. Use the Master knob (push to edit) and the LCD screen to navigate and select presets optimized for different applications (e.g., music playback, speech, live band).
- **Subwoofer Level:** Use the "Sub" knob to adjust the level of the subwoofer output, allowing you to fine-tune the bass response.
- **Mix Out:** The "Mix Out" XLR port provides a balanced output of the mixed signal, useful for connecting to additional PA systems or recording devices.

For detailed information on DSP settings and advanced configurations, please refer to the comprehensive digital manual available on the HK Audio website.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your POLAR 12 system:

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces. Avoid abrasive cleaners or solvents that could damage the finish. For the speaker grilles, a soft brush can be used to remove dust.
- **Storage:** When not in use, store the system in a dry, cool environment, away from direct sunlight and extreme temperatures. Disassemble the column array for more compact storage and to protect the components.
- **Cable Management:** Always coil cables neatly after use to prevent tangling and damage.
- **Inspection:** Periodically inspect all cables and connections for any signs of wear or damage. Replace damaged components immediately.
- **Ventilation:** Ensure the subwoofer's ventilation ports are clear and unobstructed during operation to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your POLAR 12 system, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Sound Output	Power not connected or switched on. Volume knobs turned down. Incorrect input selection. Damaged cables. Bluetooth not paired.	Check power connection and switch. Increase Master and channel volume. Verify correct input is selected on the control panel. Test with different cables. Re-pair Bluetooth device.
Distorted Sound	Input signal too high (clipping). Speaker placed too close to a wall. Incorrect DSP preset.	Reduce input volume from source or channel knob. Adjust speaker placement. Try a different DSP preset.
Bluetooth Disconnection	Device out of range. Interference.	Move device closer to the speaker (within 10 meters). Minimize other wireless devices nearby.

If the problem persists after attempting these solutions, please contact HK Audio customer support or a qualified service technician.

SPECIFICATIONS

Feature	Detail
Model Name	POLAR 12
Speaker Type	Column Array
Speaker Maximum Output Power	2000 Watts
Subwoofer Diameter	12 Inches

Feature	Detail
Power Source	Corded Electric
Connectivity Technology	Bluetooth
Bluetooth Range	10 Meters
Control Method	App (via Bluetooth)
Audio Output Mode	Stereo
Mounting Type	Floor Standing
Is Waterproof	FALSE

WARRANTY AND SUPPORT

The HK Audio POLAR 12 system comes with a**Limited Warranty**. For specific terms and conditions of your warranty, please refer to the warranty card included with your product or visit the official HK Audio website.

For technical support, service, or further inquiries, please contact HK Audio customer service through their official website or the contact information provided in your product packaging. When contacting support, please have your product model (POLAR 12) and serial number ready.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

