

Hisonic HS120BLK

Hisonic HS120B Rechargeable & Portable PA System User Manual

Brand: Hisonic

Model: HS120BLK

1. INTRODUCTION

The Hisonic HS120B is a versatile and portable Public Address (PA) system designed for voice amplification in various settings. It features a 6.5-inch full-range 40-watt speaker and an upgraded 900 MHz 16-channel selectable UHF wireless microphone system, ensuring clear, noise-free, and interference-free transmission. This system offers flexible power options, including AC wall outlet, 12V DC (cigarette lighter), and a rechargeable lithium-ion battery, making it suitable for indoor, outdoor, and mobile use.

It comes equipped with multiple wireless microphones, including a handheld microphone and a belt-pack transmitter for use with a lapel or headset microphone, providing hands-free operation. Its lightweight and self-contained design makes it an indispensable tool for educators, public speakers, fitness instructors, tour guides, and many other professionals who need to project their voice effectively without strain.



Figure 1: Hisonic HS120B Portable PA System with included handheld microphone and belt-pack transmitter with headset microphone.

2. SETUP

2.1 Battery Installation and Initial Charge

The HS120B PA system is powered by a rechargeable lithium-ion battery. Before first use, ensure the battery is properly connected and fully charged.

1. Locate the battery compartment on the back of the PA system.
2. Open the compartment cover.
3. Connect the battery wires if they are not already connected. Ensure correct polarity (red to red, black to black).
4. Close the battery compartment cover.
5. Connect the PA system to a 120V AC wall outlet using the provided power cord for initial charging. The "CHARGE" indicator light will illuminate.
6. Allow the unit to charge completely. A full charge can last up to 8 hours of operation.

For prolonged storage, it is recommended to fully charge the battery every 2 months to maintain its health.





Figure 2: Rear view of the PA system showing the battery compartment.

2.2 Powering the Unit

The HS120B offers three power options:

- **AC Wall Outlet:** Connect the provided power cord to the "AC 120V" input on the side of the unit and plug it into a standard wall outlet.
- **12V DC (Car Cigarette Lighter):** Use the included cigarette lighter adapter cable to power the unit from a vehicle's 12V DC outlet.
- **Rechargeable Lithium-Ion Battery:** The internal battery provides portable power for up to 8 hours on a full charge.

To turn the unit ON/OFF, use the power switch located on the side of the PA system.

HS-120B Portable Wireless Microphone PA System

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ON

OFF/CHARGE

Warning !!

- This portable wireless system must be fully charged before the first use.
- Make sure to switch to the "OFF" when the unit is not in use. Over discharge will cause damage to the battery and to the system.
- The unit is battery powered. Do not use the unit in the presence of flammable or explosive materials.
- Do not use the unit in the presence of rain or other weather conditions. The unit is not designed for outdoor use.
- The unit is not a power source. Do not use the unit in the presence of fire or other fire hazards.
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AC 120V

Figure 3: Side view of the PA system with the power switch and AC input port.

2.3 Microphone Connection

The system supports both wired and wireless microphones.

- **Wired Microphones:** Connect up to two wired microphones to the "WIRED MIC I" and "WIRED MIC II" input jacks on the front panel.
- **Wireless Microphones:** The system includes a handheld wireless microphone and a belt-pack transmitter for use with a lapel or headset microphone. These connect wirelessly to the PA system.



HS-120B Portable Wireless Microphone PA System

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WIRED MIC I

WIRED MIC II

AUX IN

AUX OUT

TO EXTERNAL
SPEAKER
(8 Ω)

DC = 12V 1.2A

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3. OPERATING INSTRUCTIONS

3.1 Controls Overview

The top panel of the PA system features various controls for adjusting audio output:

- **WIRED MIC I / WIRED MIC II:** Volume controls for wired microphones.
- **WIRELESS MIC:** Volume control for wireless microphones.
- **TONE:** Adjusts the treble and bass of the audio output.
- **ECHO:** Controls the echo effect for microphones.
- **AUX IN VOLUME:** Adjusts the volume of external audio devices connected via the AUX IN port.



Figure 5: Top-front view showing wired and wireless microphone volume controls.



Figure 6: Top-back view showing Tone, Echo, and AUX In Volume controls, along with Power, Charge, and RF indicator lights.

3.2 Wireless Microphone Pairing

The wireless microphones (handheld and belt-pack) are pre-paired with the PA system. If re-pairing is needed, follow the

instructions provided with the microphone accessories. Ensure the PA system is on and the wireless microphone is powered on. The "RF" indicator light on the PA system will illuminate when a wireless connection is established.

Your browser does not support the video tag.

Video 1: Demonstration of Wireless Microphone Pairing. This video illustrates the process of connecting and using the wireless microphone with the Hisonic HS120B PA system, including how to power on the microphone and confirm connection.

3.3 Connecting External Devices

You can connect external audio devices, such as smartphones or MP3 players, to the PA system using the "AUX IN" port. Adjust the playback volume on your external device and fine-tune the output using the "AUX IN VOLUME" knob on the PA system.

4. MAINTENANCE

4.1 Battery Care

To maximize battery life, avoid completely draining the battery frequently. Recharge the unit when the "CHARGE" indicator light suggests low power. For long-term storage, ensure the battery is fully charged and recharge it every two months.

4.2 Cleaning

Wipe the exterior of the PA system with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as they may damage the finish or internal components.

5. TROUBLESHOOTING

• No Sound Output:

- Ensure the PA system is powered on and the "POWER" indicator is lit.
- Check microphone connections and ensure microphones are powered on.
- Adjust the volume knobs for the respective microphones and the main AUX IN VOLUME.
- Verify the battery is charged. A blinking red light on some microphones may indicate low battery.

• Feedback (High-Pitched Whining):

- Reduce the microphone volume.
- Increase the distance between the microphone and the PA system speaker.
- Adjust the "TONE" control to reduce high frequencies.

• Wireless Microphone Disconnection:

- Ensure the wireless microphone has fresh batteries.
- Check for obstructions or excessive distance between the microphone and the PA system.
- Re-pair the wireless microphone if necessary (refer to microphone accessory instructions).

6. SPECIFICATIONS

Feature	Detail
Brand	Hisonic
Model Number	HS120BLK
Mounting Type	Tabletop
Power Source	Battery Powered (Lithium Ion), 120V AC, 12V DC
Output Wattage	40 Watts
Number of Channels	1 (UHF Wireless System with 16 selectable channels)
Audio Input	Wired Microphones (2), Wireless Microphones (UHF), AUX In
Item Weight	6 Pounds
Product Dimensions	11.5 x 4.5 x 7 inches
Material	ABS Plastic
Battery Life	Up to 8 hours (on full charge)

7. WARRANTY AND SUPPORT

The Hisonic HS120B Rechargeable & Portable PA System comes with a 1-year manufacturer's warranty. For any technical assistance or inquiries, free bi-lingual (English/Spanish) technical support is available.

Please refer to the contact information provided with your product packaging for direct support channels.

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

Email

you@example.com

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