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› Hisonic HS122B-HL Rechargeable & Portable PA System Instruction Manual

## Hisonic HS122B-HL

# Hisonic HS122B-HL Rechargeable & Portable PA System Instruction Manual

Model: HS122B-HL

## INTRODUCTION

The Hisonic HS122B-HL is a versatile, rechargeable, and portable Public Address (PA) system designed for voice amplification in various settings. It integrates a 6.5-inch full-range 40-watt speaker with a dual UHF wireless microphone system, including both a handheld microphone and a belt-pack transmitter. This system ensures clear, interference-free audio transmission with its 900 MHz, 16-channel selectable UHF technology.

The unit offers flexible power options, operating via a 120V AC wall outlet, a 12V DC cigarette lighter cable, or its built-in rechargeable lithium-ion battery, providing up to 8 hours of continuous use. Its lightweight and self-contained design makes it suitable for indoor, outdoor, and mobile applications.

## PACKAGE CONTENTS

Please inspect the package contents to ensure all items are present and in good condition:

- Hisonic HS122B-HL Portable PA System Unit
- UHF Handheld Wireless Microphone
- UHF Belt-pack Transmitter (for use with lavalier or headset microphone, not included)
- AC Power Cord (for 120V wall outlet)
- 12V DC Cigarette Lighter Cable
- 4 x AA Batteries (for wireless microphones)

## PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your Hisonic HS122B-HL PA system.



Figure 1: Front view of the Hisonic HS122B-HL Portable PA System, showing the speaker grille and Hisonic logo.

## Side Panel (Inputs/Outputs)



Figure 2: Side panel of the PA system, detailing input and output connections.

- **WIRED MIC 1:** Input for a wired microphone.
- **WIRED MIC 2:** Input for a second wired microphone.
- **AUX IN:** 3.5mm input for external audio sources (e.g., MP3 player, smartphone).
- **AUX OUT:** 3.5mm output to connect to another audio device or recording unit.

- **EXTERNAL SPEAKER:** Output for connecting an external passive speaker.
- **DC 12V 2A:** Power input for 12V DC adapter or cigarette lighter cable.

## Top Panel (Controls)



Figure 3: Top panel controls for audio adjustment.

- **WIRED MIC I Volume:** Adjusts the volume for Wired Microphone 1.
- **WIRED MIC II Volume:** Adjusts the volume for Wired Microphone 2.
- **WIRELESS MIC Volume:** Adjusts the volume for the wireless microphones.
- **TONE:** Adjusts the treble/bass balance of the audio output.
- **ECHO:** Adjusts the echo effect level for microphones.
- **AUX IN VOLUME:** Adjusts the volume for the Auxiliary Input.
- **POWER LED:** Indicates the unit is powered on.
- **CHARGE LED:** Indicates the battery is charging.
- **RF LED:** Indicates wireless microphone signal reception.

## Rear Panel & Battery Compartment



Figure 4: Rear panel with battery compartment access.

## Wireless Microphones



Figure 5: Hisonic UHF Handheld Wireless Microphone.



Figure 6: Hisonic UHF Belt-pack Transmitter.

## SETUP

### 1. Charge the PA System:

- Connect the AC power cord to the unit's power input and a 120V AC wall outlet. The CHARGE LED will illuminate.
- Allow the unit to charge fully before first use (approximately 4-6 hours). The CHARGE LED will change color or turn off when fully charged.
- Alternatively, the unit can be powered and charged using the 12V DC cigarette lighter cable in a vehicle.

### 2. Install Batteries in Wireless Microphones:

- Open the battery compartment of the handheld microphone and the belt-pack transmitter.
- Insert the included 4 AA batteries, ensuring correct polarity (+/-).
- Close the battery compartments securely.

### 3. Position the PA System:

- Place the PA system on a stable, flat surface.
- Ensure the speaker faces the audience for optimal sound projection.

## OPERATING INSTRUCTIONS

### 1. Power On/Off:

- Locate the power switch on the unit.
- Flip the switch to the 'ON' position. The POWER LED will light up.
- To turn off, flip the switch to the 'OFF' position.

### 2. Using Wireless Microphones:

- Turn on the handheld microphone or belt-pack transmitter.
- The RF LED on the PA system will illuminate, indicating a successful connection.
- Adjust the **WIRELESS MIC Volume** knob to your desired level.
- If interference occurs, the UHF system allows for 16 selectable channels. Refer to the microphone's specific instructions for changing channels to find a clear frequency.

### 3. Using Wired Microphones:

- Connect your wired microphone(s) to the **WIRED MIC 1** or **WIRED MIC 2** input jacks.
- Adjust the corresponding **WIRED MIC I Volume** or **WIRED MIC II Volume** knob.

### 4. Connecting External Audio Sources (AUX IN):

- Connect an audio device (e.g., MP3 player, smartphone) to the **AUX IN** jack using a 3.5mm audio cable.
- Adjust the **AUX IN VOLUME** knob to control the playback level.

### 5. Connecting an External Speaker (AUX OUT):

- Connect a passive external speaker to the **EXTERNAL SPEAKER** output jack.
- Ensure the external speaker's impedance matches the PA system's requirements (typically 4-8 ohms).

### 6. Adjusting Tone and Echo:

- Use the **TONE** knob to adjust the overall sound character, increasing or decreasing treble and bass.
- Use the **ECHO** knob to add a reverberation effect to the microphone inputs.

## MAINTENANCE

#### • Cleaning:

- Wipe the unit with a soft, dry cloth. Do not use liquid cleaners or solvents.
- Ensure all ports are free from dust and debris.

#### • Battery Care:

- For optimal battery life, fully charge the internal lithium-ion battery after each use.
- If storing the unit for an extended period, charge the battery every 3-6 months to prevent deep discharge.
- Remove AA batteries from wireless microphones if not in use for a long time to prevent leakage.

#### • Storage:

- Store the PA system in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep the unit covered to protect it from dust.

## TROUBLESHOOTING

| Problem                            | Possible Cause                                                                                                                                      | Solution                                                                                                                                                                                                     |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No power to the unit.              | Unit is not switched on.<br>Battery is depleted.<br>Power cord/adapter not connected or faulty.                                                     | Ensure the power switch is in the 'ON' position.<br>Connect to AC power or 12V DC source and charge the battery.<br>Check power connections and try a different outlet or cable.                             |
| No sound from wireless microphone. | Microphone is off.<br>Microphone batteries are low or incorrectly installed.<br>Wireless MIC Volume is too low.<br>Interference on current channel. | Turn on the microphone.<br>Replace or correctly install AA batteries.<br>Increase the WIRELESS MIC Volume knob.<br>Change the wireless channel on the microphone and PA system (refer to microphone manual). |
| No sound from wired microphone.    | Microphone not connected properly.<br>Wired MIC Volume is too low.<br>Microphone is faulty.                                                         | Ensure microphone is securely plugged into WIRED MIC 1 or 2.<br>Increase the corresponding Wired MIC Volume knob.<br>Test with a different wired microphone.                                                 |
| Poor sound quality or static.      | Low microphone batteries.<br>Interference from other devices.<br>Microphone too far from unit.<br>TONE knob setting.                                | Replace microphone batteries.<br>Change wireless channel.<br>Move closer to the PA system.<br>Adjust the TONE knob.                                                                                          |
| Battery not charging.              | Power cord not connected.<br>Faulty power adapter or cable.<br>Internal battery issue.                                                              | Check power connections.<br>Try a different power source or cable.<br>Contact Hisonic customer support.                                                                                                      |

## SPECIFICATIONS

- **Model:** HS122B-HL
- **Output Wattage:** 40 Watts
- **Speaker:** 6.5-inch Full-Range
- **Microphone System:** Dual UHF Wireless (900 MHz, 16 selectable channels)
- **Power Source:** 120V AC, 12V DC, Rechargeable Lithium-ion Battery
- **Battery Life:** Up to 8 hours (internal battery)
- **Dimensions (L x W x H):** 8 x 3 x 12 inches
- **Item Weight:** 4 pounds
- **Material:** ABS Plastic
- **Microphone Batteries:** 4 x AA batteries (included)
- **Audio Inputs:** 2 x Wired Mic (6.35mm), 1 x Aux In (3.5mm)
- **Audio Outputs:** 1 x Aux Out (3.5mm), 1 x External Speaker

## WARRANTY AND SUPPORT

The Hisonic HS122B-HL PA System comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

For technical assistance, troubleshooting, or warranty claims, please contact Hisonic customer support. Free bi-lingual (English/Spanish) technical support is available.

**Manufacturer:** Hisonic

**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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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