

Manuals.plus /

- › Hisonic /
- › Hisonic PA-687S Portable PA System User Manual

Hisonic PA-687S

Hisonic PA-687S Portable PA System User Manual

Model: PA-687S

1. INTRODUCTION

This manual provides essential instructions for the proper setup, operation, and maintenance of your Hisonic PA-687S Portable PA System. This system is designed for sound amplification in various settings, including conferences, meetings, and public address events. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



An overview of the Hisonic PA-687S Portable PA System, featuring the main powered speaker, a collapsible tripod speaker stand, and the dual VHF wireless microphone system including a receiver, two handheld microphones, and two belt-pack transmitters with associated lapel and headset microphones.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Hisonic PA-687S Powered Speaker
- 1 x Tripod Speaker Stand
- 1 x Dual VHF Wireless Microphone System Receiver
- 2 x Handheld Wireless Microphones
- 2 x Belt-pack Transmitters
- 2 x Lapel Microphones (for use with belt-packs)
- 2 x Headset Microphones (for use with belt-packs)
- 1 x Power Cable
- 1 x Audio Connection Cable (1/4" TRS)

3. SETUP INSTRUCTIONS

Follow these steps to set up your PA system:

3.1 Speaker Placement

1. Unfold the tripod speaker stand on a stable, level surface. Ensure the legs are fully extended for maximum stability.
2. Carefully lift the PA-687S powered speaker and mount it onto the pole of the tripod stand. Secure it firmly using the stand's locking mechanism.
3. Position the speaker to face your audience, ensuring it is at an appropriate height for optimal sound projection.



A close-up front view of the Hisonic PA-687S powered speaker, showcasing its durable black casing, protective metal grille, and the

Hisonic brand logo at the bottom.

3.2 Wireless Microphone System Connection

1. Place the dual VHF wireless microphone receiver near the PA-687S speaker.
2. Connect the audio output of the wireless microphone receiver to the **MIC/LINE IN** jack on the rear panel of the PA-687S speaker using the provided 1/4" TRS cable.
3. Ensure the receiver is powered on and its antennas are extended for optimal signal reception.

3.3 Microphone Preparation

1. **Handheld Microphones:** Open the battery compartment (usually by unscrewing the bottom part) and insert fresh batteries (not included, typically AA). Ensure correct polarity.
2. **Belt-pack Transmitters:** Open the battery compartment and insert fresh batteries. Connect either a laval microphone or a headset microphone to the input jack on the belt-pack.
3. Turn on the microphones and belt-pack transmitters. The receiver should indicate a signal from the active microphones.

3.4 Power Connection

1. Ensure the **POWER** switch on the rear panel of the PA-687S speaker is in the **OFF** position.
2. Verify the **VOLTAGE SELECTOR** switch is set to the correct voltage for your region (110V or 230V).
3. Connect the power cable to the speaker's power inlet and then to a suitable electrical outlet.

4. OPERATING INSTRUCTIONS

Once the system is set up, follow these steps for operation:





A detailed view of the rear control panel of the Hisonic PA-687S speaker, showing various inputs and controls. These include MIC/LINE IN, LINE IN (RCA), LINE OUT, volume level knobs for MIC/LINE and LINE IN, TREBLE and BASS equalization controls, a CLIP indicator, a power switch, and a voltage selector (110V/230V).

4.1 Powering On

1. Turn the **MIC/LINE IN LEVEL** and **LINE IN LEVEL** knobs on the speaker's rear panel to their minimum (counter-clockwise) positions.
2. Flip the **POWER** switch to the **ON** position. The power indicator light should illuminate.
3. Turn on your wireless microphones and ensure they are linked to the receiver.

4.2 Adjusting Volume and Tone

1. Slowly increase the **MIC/LINE IN LEVEL** knob while speaking into a microphone. Adjust to a comfortable listening level.
2. If using an external audio source (e.g., a music player) connected to the **LINE IN** (RCA) jacks, slowly increase the **LINE IN LEVEL** knob.
3. Use the **TREBLE** and **BASS** knobs to adjust the tone of the audio output to your preference.
4. Monitor the **CLIP** indicator light. If it flashes frequently, reduce the input level to prevent distortion.

4.3 Using Multiple Microphones

The dual VHF wireless microphone system allows for two microphones to be used simultaneously. You can use any

combination of two handheld, lapel, or headset microphones at one time.

4.4 Powering Off

1. Turn down all level knobs on the speaker.
2. Turn off all microphones and the wireless receiver.
3. Flip the **POWER** switch on the speaker to the **OFF** position.
4. Unplug the power cable from the electrical outlet.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your PA system:

- **Cleaning:** Use a soft, dry cloth to clean the speaker cabinet and microphones. Avoid using liquid cleaners or solvents.
- **Battery Replacement:** Replace microphone and belt-pack batteries regularly, especially before important events, to prevent unexpected power loss. Remove batteries if the system will not be used for an extended period.
- **Storage:** Store the system in a cool, dry place, away from direct sunlight and extreme temperatures. Disassemble the speaker stand and store components in their original packaging or protective cases if available.
- **Cable Care:** Avoid kinking or sharply bending cables. Store them neatly coiled to prevent damage.

6. TROUBLESHOOTING

If you encounter issues with your Hisonic PA-687S system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	<ul style="list-style-type: none"> • Speaker not powered on • Volume levels too low • Microphone/receiver not powered on or connected • Faulty cable 	<ul style="list-style-type: none"> • Ensure speaker power switch is ON • Increase MIC/LINE IN LEVEL and LINE IN LEVEL knobs • Check microphone batteries and receiver power/connection • Test with a different cable
Weak or distorted sound	<ul style="list-style-type: none"> • Low microphone batteries • Input level too high (clipping) • Poor microphone placement • Interference with wireless signal 	<ul style="list-style-type: none"> • Replace microphone batteries • Reduce input level to prevent CLIP indicator from flashing • Position microphone closer to the sound source • Ensure receiver antennas are extended; move away from other wireless devices
Feedback (howling sound)	<ul style="list-style-type: none"> • Microphone too close to speaker • Microphone pointed at speaker • Volume too high 	<ul style="list-style-type: none"> • Increase distance between microphone and speaker • Ensure microphone is not pointed directly at the speaker • Reduce overall volume or microphone level • Adjust TREBLE and BASS controls
Microphone not working	<ul style="list-style-type: none"> • Dead batteries • Microphone not turned on • Receiver not connected or powered • Incorrect frequency pairing (if applicable) 	<ul style="list-style-type: none"> • Replace batteries • Turn on microphone • Check receiver power and connection to speaker • Refer to wireless system manual for pairing instructions

7. SPECIFICATIONS

Key technical specifications for the Hisonic PA-687S Portable PA System:

Feature	Specification
Output Wattage	150 Watts (Peak)
Speaker Count	1
Power Source	Corded Electric
Connectivity Technology	Wireless
Number of Channels	2 (for wireless microphones)
Audio Input	1/4 inch microphone input, RCA Line In
Connector Type	1/4" TRS
Mounting Type	Pole Mount
Item Weight	28.2 pounds
Package Dimensions	23.82 x 15.79 x 13.39 inches

8. WARRANTY AND SUPPORT

The Hisonic PA-687S Portable 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 warranty claims, technical support, or service inquiries, please refer to the contact information provided with your purchase documentation or visit the official Hisonic website. Please have your model number (PA-687S) and proof of purchase ready when contacting support.