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> Sonart 15" 1500W Powered Speakers, 2-Way Full Range Portable PA Speaker System Combo Set With Stands/Illuminating Light/Microphone/EQ/USB/Bluetooth User Manual

suono 608565015080

Sonart 15" 1500W Powered PA Speaker System User Manual

Brand: Suono | Model: 608565015080

1. PRODUCT OVERVIEW

The Suono 15" 1500W Powered PA Speaker System is a versatile and high-performance audio solution designed for various applications including DJ sets, karaoke, and general party use. This system features a powerful 15-inch woofer, a 1-inch tweeter, and a robust 1500W peak power output, delivering deep bass and clear highs. It offers multiple connectivity options including Bluetooth, USB, SD card, XLR, 6.35mm, and RCA inputs, along with a built-in equalizer and illuminating lights for an enhanced audio-visual experience. The speaker is designed for easy mobility with ergonomic handles and wheels, and can be used freestanding or mounted on the included tripod stand.

2. PACKAGE CONTENTS

Please ensure all items are present in the package:

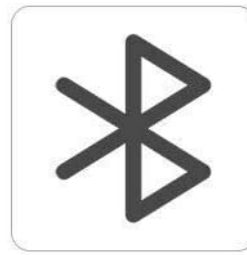
- 1 x Active Speaker
- 1 x Speaker Stand
- 1 x Microphone with Microphone Cord
- 1 x Wireless Remote Control
- 1 x Speaker Cable
- 1 x Instruction Manual (this document)



Image: Complete package contents including the speaker, stand, microphone, remote control, and connecting cables.

3. KEY FEATURES

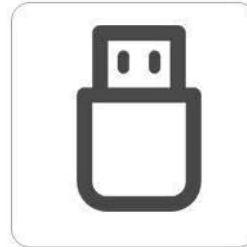
- **High Power Output:** 15" speaker with 2" aluminum voice coil and 1500W peak power for deep bass and acoustic power.
- **Versatile Mobility:** Ergonomically shaped handle and wheels for easy carrying and setup, allowing for side/top carry or trolley-style transport.
- **Multiple Inputs:** Built-in Bluetooth for wireless streaming, USB input for MP3 playback, SD card input, FM radio, XLR, 6.35mm, and RCA connections.
- **Integrated Equalizer:** Equipped with a 5-band graphic equalizer to adjust sound to different music styles.
- **Convenient Controls:** LCD screen for mode indication, wireless remote control, and smooth rotary knobs for MP3, mic volumes, bass, and treble.
- **Illuminating Light:** Features an illuminating light effect for enhanced visual appeal during use.
- **Sturdy Stand Compatibility:** Socket on the bottom for secure mounting on the included tripod stand.
- **True Wireless Stereo (TWS):** Supports TWS technology for wireless connectivity between two speakers for surround stereo sound.



Bluetooth



SD Card Input



USB Input



LCD Screen



Microphone



Remote Control



Lighting Effect



FM Radio

Image: Visual representation of the speaker's main features including Bluetooth, USB, SD card, LCD, microphone, remote, lighting, and FM radio.

4. SETUP GUIDE

4.1 Speaker Placement

The speaker can be placed directly on a flat, stable surface or mounted on the included tripod stand. For optimal sound dispersion, consider placing the speaker in a central location or elevated on the stand.



Image: Speaker dimensions, illustrating its size and how it fits on the stand.

4.2 Assembling the Tripod Stand

1. Unfold the legs of the tripod stand until they are fully extended and stable.
2. Adjust the height of the stand using the locking pin and knob. Ensure the pin is fully engaged and the knob is tightened to secure the height.
3. Carefully lift the speaker and align the pole mount on the bottom of the speaker with the top pole of the stand.
4. Lower the speaker onto the stand until it is securely seated.



Image: Speaker and stand components, demonstrating the secure fit of the speaker onto the stand.

4.3 Power Connection

Connect the power cable to the AC input on the rear control panel of the speaker and then plug it into a standard electrical outlet (110V/220V switchable).

5. OPERATING INSTRUCTIONS

5.1 Control Panel Overview

Familiarize yourself with the various controls and inputs on the rear panel of the speaker:

Multifunctional & Handy Panel



Image: Detailed view of the speaker's control panel, highlighting all input/output ports and control knobs.

- **LCD Screen:** Displays current mode and track information.
- **USB Input:** For playing MP3 files from a USB thumb drive.
- **SD Card Input:** For playing MP3 files from an SD card.
- **IR Remote Control Receiver:** For wireless remote operation.
- **MP3 Control:** Buttons for Play/Pause, Next/Previous Track, Mode selection.
- **XLR Microphone 1 Input:** For connecting an XLR microphone.
- **6.35mm Microphone 1 Input:** For connecting a 1/4 inch microphone.
- **RCA (R+L) Line Input:** For connecting external audio devices via RCA cables.
- **3.5mm Input:** For connecting external audio devices via a 3.5mm auxiliary cable.
- **XLR Line Input:** For connecting external audio devices via XLR cable.
- **XLR Line Output (Balanced):** For connecting to another speaker or audio device.
- **Volume Control:** Master volume adjustment.
- **5 Band EQ Control:** Graphic equalizer sliders for fine-tuning audio frequencies.

- **Power LED Indicator:** Illuminates when the speaker is powered on.
- **Clip LED Indicator:** Illuminates when the audio signal is clipping, indicating potential distortion.
- **110/220V Switch:** Selects appropriate voltage for your region.
- **LED Switch (ON/OFF):** Controls the illuminating light effect.
- **Power Switch:** Turns the speaker on or off.

5.2 Powering On/Off

Ensure the volume knob is set to minimum before turning on the speaker. Flip the Power Switch to the 'ON' position. The Power LED indicator will light up. To turn off, set the volume to minimum and flip the Power Switch to 'OFF'.

5.3 Bluetooth Connectivity

1. Turn on the speaker.
2. Press the 'Mode' button on the control panel or remote until 'Bluetooth' is displayed on the LCD screen. The speaker will enter pairing mode.
3. On your Bluetooth-enabled device (smartphone, tablet, etc.), search for available Bluetooth devices.
4. Select 'Sonart Speaker' (or similar name) from the list.
5. Once paired, the speaker will indicate a successful connection, and you can begin streaming audio.

5.4 USB/SD Card Playback

1. Insert a USB thumb drive or SD card containing MP3 audio files into the respective slot on the control panel.
2. The speaker should automatically switch to USB/SD mode and begin playing. If not, press the 'Mode' button to select the correct input.
3. Use the MP3 control buttons (Play/Pause, Next/Previous) to navigate your music.

5.5 Microphone Usage

1. Connect the microphone to either the XLR or 6.35mm microphone input.
2. Adjust the 'Mic Input Level' knob to control the microphone volume.
3. Use the 'Echo' knob to add an echo effect to the microphone output.

5.6 FM Radio

1. Press the 'Mode' button until 'FM Radio' is displayed on the LCD screen.
2. The speaker will automatically scan and save available FM stations.
3. Use the Next/Previous buttons to switch between saved stations.

5.7 Equalizer Adjustment

Use the 5-band graphic equalizer sliders to fine-tune the audio output. Adjust the sliders to increase or decrease specific frequency ranges (e.g., bass, midrange, treble) to match your listening preference or the acoustics of the environment.

5.8 Illuminating Light Control

The speaker features an illuminating light effect on the woofer. Use the 'LED Switch' on the control panel to turn this feature ON or OFF according to your preference.



Image: The speaker in an operational setting, showcasing its illuminating light feature.

6. CARE AND MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the speaker's exterior. Do not use abrasive cleaners or solvents.
- **Storage:** Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Always use the integrated handles and wheels for transport. Avoid dropping or subjecting the speaker to strong impacts.
- **Ventilation:** Ensure proper ventilation around the speaker to prevent overheating. Do not block any ventilation openings.



Two Carrying Ways to Meet Different Needs

Image: Demonstrating the two convenient carrying methods for the speaker, highlighting its portability.



Handle For Easy Carrying



Wheels For Easy Mobility



Firmly Fixed



Adjustable Tripod Stands

Image: Detailed views of the speaker's handle, wheels, and the secure stand mounting point.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No Power	Power cable not connected; Power switch off; Outlet malfunction.	Ensure power cable is securely connected. Turn power switch ON. Try a different power outlet.
No Sound Output	Volume too low; Incorrect input mode selected; Audio source issue; Cables not connected properly.	Increase master volume. Press 'Mode' to select correct input (Bluetooth, USB, etc.). Check audio source (e.g., phone volume). Ensure all audio cables are securely connected.
Bluetooth Not Connecting	Speaker not in pairing mode; Device too far; Bluetooth interference.	Ensure speaker is in Bluetooth mode and discoverable. Move device closer to speaker. Turn off other Bluetooth devices nearby.
Microphone Not Working	Microphone not connected; Mic volume too low; Microphone faulty.	Ensure microphone is securely plugged into the correct input. Increase 'Mic Input Level' knob. Test with another microphone if available.
Sound Distortion	Volume too high (clipping); EQ settings incorrect; Faulty audio source.	Reduce master volume and/or input volume until Clip LED is off. Adjust EQ settings. Test with a different audio source.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
System Type	Active 2-way full range
Woofer Size	15 inches
Tweeter Size	1 inch
Voice Coil	2 inch aluminum
Peak Power	1500W
RMS Power	400W
Impedance	8 ohm
Frequency Range	50Hz - 18Khz
Sensitivity	94dB (+/-2dB)
Connector Types	XLR, 6.35mm, RCA, USB, Bluetooth
Mic Input Level	<5mV
Line Input/Output Level	250mV
Product Dimensions (L x W x H)	18 x 15 x 27 inches
Item Weight	35 Pounds
Material	Aluminum
Power Source	Corded Electric

9. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For detailed warranty information, terms, and conditions, please refer to the documentation included with your purchase or visit the official Suono website. For technical support, troubleshooting assistance beyond this manual, or spare parts, please contact the customer support provided by your retailer or the manufacturer.