Logitech Z-5500

Logitech Z-5500 THX-Certified 5.1 Digital Surround Sound Speaker System User Manual

Model: Z-5500 (P/N: 970115-0403)

INTRODUCTION

Welcome to the user manual for your Logitech Z-5500 THX-Certified 5.1 Digital Surround Sound Speaker System. This manual provides detailed instructions on setting up, operating, and maintaining your speaker system to ensure optimal performance and longevity. The Z-5500 system is engineered to deliver a powerful and immersive audio experience, whether you are listening to music, watching movies, or playing games.

The complete Logitech Z-5500 system, showcasing the subwoofer, five satellite speakers, Digital SoundTouch control center, and wireless remote.

SAFETY INFORMATION

Please read and follow all safety instructions carefully before using your Logitech Z-5500 speaker system. Failure to do so may result in injury or damage to the equipment.

- **Power Source:** Connect the system only to a power outlet of the type described in this manual or marked on the unit.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate space around the subwoofer and satellite speakers for proper airflow.
- **Water and Moisture:** Do not expose the system to water, moisture, or excessive humidity. Do not place objects filled with liquids on or near the system.
- **Heat:** Keep the system away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the system from the wall outlet before cleaning. Use a dry cloth for cleaning. Do not use liquid cleaners or aerosol cleaners.
- **Subwoofer Placement:** The subwoofer contains a powerful magnet. Keep it at least 3 feet (1 meter) away from electronic components, computers, and anything sensitive to electromagnetic energy to prevent interference or damage.
- **Heavy Component:** The subwoofer is heavy. Exercise caution when lifting or moving it.

Package Contents

Your Logitech Z-5500 system package should include the following items:

- One (1) Subwoofer
- Four (4) Satellite Speakers
- One (1) Center Channel Speaker
- One (1) Digital SoundTouch Control Center
- One (1) Wireless Remote Control (with batteries)
- One (1) 6-Channel Direct Cable (for analog connection)
- User's Manual (this document)

Setup

1. Speaker Placement

Proper speaker placement is crucial for optimal surround sound. Consider the following guidelines:

- **Front Left & Right:** Place these speakers equidistant from your listening position, typically on either side of your monitor or TV.
- **Center Channel:** Position this speaker directly in front of your listening position, usually above or below your monitor/TV, ensuring dialogue is clear and centered.
- **Rear Left & Right (Surround):** Place these speakers behind or to the sides of your listening position, facing towards you. They should be roughly at ear level when seated.
- **Subwoofer:** The subwoofer can be placed anywhere in the room, but corner placement often enhances bass response. Ensure it is not directly against a wall and has adequate ventilation. Keep it away from sensitive electronics.

A single satellite speaker, designed for versatile placement.

2. Connecting the Speakers to the Subwoofer

Each satellite and center channel speaker connects to the back of the subwoofer. The speaker cables are

color-coded or labeled to match the corresponding inputs on the subwoofer.

1. Connect the Front Left, Front Right, Center, Rear Left, and Rear Right speakers to their respective spring clip terminals on the back of the subwoofer. Ensure the positive (+) and negative (-) terminals on the speaker match those on the subwoofer.

3. Connecting the Digital SoundTouch Control Center

The control center connects to the subwoofer via a dedicated cable.

1. Plug the control center cable into the designated port on the back of the subwoofer.

4. Connecting to Audio Sources

The Z-5500 offers multiple input options for various devices.

Analog Connection (6-Channel Direct)

Use the included 6-channel direct cable for connecting to a PC sound card with 5.1 analog outputs.

- Connect the green, black, and orange plugs from the 6-channel direct cable to the corresponding color-coded analog input jacks on the back of the Digital SoundTouch control center.
- Connect the other end of the cable to your PC's sound card outputs (typically green for front, black for rear, orange for center/subwoofer).

Digital Optical Connection

For high-quality digital audio from DVD players, game consoles, or some PCs.

- Connect a digital optical cable (not included) from your audio source's optical output to the OPTICAL input on the Digital SoundTouch control center.

Digital Coaxial Connection

Another option for high-quality digital audio.

- Connect a digital coaxial cable (not included) from your audio source's coaxial output to the COAXIAL input on the Digital SoundTouch control center.

Stereo Mini-Jack Connection

For connecting MP3 players, CD players, or other stereo devices.

- Connect a 3.5mm stereo audio cable (not included) from your device's headphone or line-out jack to the AUX input on the Digital SoundTouch control center.

5. Power Connection

1. Plug the subwoofer's power cord into a wall outlet.
2. Turn on the power switch located on the back of the subwoofer.

OPERATING INSTRUCTIONS

Digital SoundTouch Control Center

The control center is your primary interface for managing the Z-5500 system.

The Digital SoundTouch control center, providing comprehensive control over your audio experience.

- **Power Button:** Turns the system on or off.
- **Input Button:** Cycles through available audio inputs (Analog, Optical, Coaxial, AUX).
- **Effect Button:** Selects different sound effects or decoding modes (e.g., Stereo, Stereo x2, Dolby Digital, DTS, Pro Logic II Movie/Music).
- **Settings Button:** Accesses various settings such as speaker levels, subwoofer level, and balance.
- **Level Button:** Allows adjustment of individual speaker levels (front, rear, center, subwoofer).
- **Mute Button:** Mutes or unmutes the audio output.
- **Volume Knob:** Adjusts the overall system volume.

Wireless Remote Control

The remote control provides convenient access to most functions from your listening position.

- The remote duplicates most functions found on the control center, including power, input selection, volume, mute, and effect modes.
- Ensure line-of-sight between the remote and the control center for proper operation.

MAINTENANCE

To keep your Logitech Z-5500 speaker system in optimal condition, follow these maintenance guidelines:

- **Cleaning:** Regularly wipe down the speakers and control center with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Dust:** Use a soft brush or a vacuum cleaner with a brush attachment to gently remove dust from speaker grilles and ventilation openings.
- **Avoid Liquids:** Do not spray liquids directly onto the speakers or control center. If cleaning with a damp cloth is necessary, lightly dampen the cloth with water and ensure the system is unplugged.
- **Environment:** Store and operate the system in a clean, dry environment, away from extreme temperatures and direct sunlight.

TROUBLESHOOTING

If you encounter issues with your Z-5500 system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound from any speaker	System not powered on; Mute activated; Incorrect input selected; Loose cables	Ensure subwoofer power switch is ON; Press Mute button on control center/remote; Select correct input source; Check all cable connections (power, control center, audio inputs).
No sound from specific speaker(s)	Loose speaker cable; Speaker level set too low; Incorrect audio source configuration	Check speaker wire connections to subwoofer; Adjust individual speaker levels using the control center's 'Level' button; Ensure your audio source (PC, DVD player) is configured for 5.1 output.
Distorted or unclear sound	Volume too high; Poor audio source quality; Incorrect effect mode	Reduce volume; Test with a different audio source; Cycle through 'Effect' modes to find the appropriate one for your content.
Remote control not working	Dead batteries; Obstruction; Remote out of range	Replace batteries (2 AAA required); Remove any obstructions between remote and control center; Ensure you are within effective range.
Subwoofer not producing bass	Subwoofer level too low; Incorrect audio source configuration; Subwoofer cable loose	Increase subwoofer level via control center; Verify audio source is sending LFE (Low-Frequency Effects) signal; Check control center cable connection to subwoofer.

If the problem persists after trying these solutions, please contact Logitech customer support.

SPECIFICATIONS

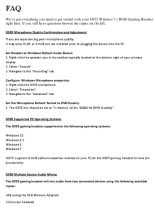| Feature	Specification
Speaker Type	5.1 Surround Sound System
Total RMS Power	505 Watts RMS
Satellite RMS Power	317 Watts RMS (2 x 62W Front, 2 x 62W Rear, 69W Center)
Subwoofer RMS Power	188 Watts RMS
Total Peak Power	1010 Watts
Frequency Response	33 Hz – 20 kHz
Signal-to-Noise Ratio	>93.5 dB
Input Impedance	8,000 ohms
Subwoofer Diameter	10 Inches
Connectivity	Analog (6-channel direct), Digital Optical, Digital Coaxial, 3.5mm Stereo AUX
Certifications	THX, Dolby Digital, DTS
Product Dimensions (Subwoofer)	20.47"D x 26.85"W x 16.18"H (approx.)
Item Weight	54.5 Pounds
Model Number	970115-0403

WARRANTY AND SUPPORT

Your Logitech Z-5500 Digital Surround Sound Speaker System comes with a **2-year limited warranty** covering parts and labor from the date of purchase.

For warranty claims, technical assistance, or further support, please visit the official Logitech support website or contact their customer service department. Keep your proof of purchase for warranty validation.

Logitech Support: www.logitech.com/support

Related Documents - Z-5500

[Logitech Z906 Surround Sound Speakers: User Guide & Setup](#)

Comprehensive user guide for Logitech Surround Sound Speakers Z906, covering setup, operation, specifications, and troubleshooting.

[Logitech Z-680 Speaker System Setup and User Manual](#)

Comprehensive guide for setting up, connecting, and operating the Logitech Z-680 5.1 digital surround sound speaker system, including safety information, technical specifications, and warranty details.

[Logitech Surround Sound Speakers Z506: Getting Started Guide](#)

A comprehensive guide to setting up and troubleshooting the Logitech Surround Sound Speakers Z506, covering connections for PCs, gaming consoles, and more. Includes troubleshooting tips and support resources.

[Logitech X-530 Speaker System Setup and Installation Guide](#)

Comprehensive guide for setting up, installing, operating, and understanding the specifications and warranty for the Logitech X-530 speaker system. Includes safety information and connection details for PC and game consoles.

[Logitech G432 Surround Sound Gaming Headset User Manual](#)

User manual for the Logitech G432 Surround Sound Gaming Headset, detailing its features, setup, and software settings for optimal audio performance.

[Logitech G935 Wireless Gaming Headset: FAQ and User Guide](#)

Comprehensive FAQ and user guide for the Logitech G935 Wireless 7.1 RGB Gaming Headset, covering setup, troubleshooting, console compatibility, and advanced features.