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Logitech Z-640 6 Speaker Surround Sound System User Manual

Model: Z-640

INTRODUCTION

The Logitech Z-640 is a 6-speaker surround sound system designed to enhance audio experiences for computer games and DVD movies. This system includes four satellite speakers, one center-channel speaker, and a powered subwoofer. It delivers immersive sound with deep bass, suitable for various multimedia applications.



Image: Front view of the Logitech Z-640 subwoofer, featuring a large speaker grille.

Key Features:

- Six-speaker system with a patented subwoofer design for enhanced bass.
- Innovative satellite design with rotating pedestals for flexible placement (wall or desk).
- Internal power supply, eliminating the need for bulky external adapters.
- Includes an adapter cable for easy connection to video game consoles.
- Total output power: 71.2 Watts RMS.

SETUP INSTRUCTIONS

Follow these steps to correctly set up your Logitech Z-640 speaker system.

1. Unpacking and Placement:

Carefully unpack all components. The system includes four satellite speakers, one center speaker, one subwoofer, and necessary cables. Place the subwoofer on the floor, ideally near your computer or console. Position the four satellite speakers (two front, two rear) and the center speaker around your listening area. The satellite speakers feature rotating pedestals for desk or wall mounting.



Image: Four satellite speakers, still in their protective packaging, ready for setup.

2. Connecting Speakers to Subwoofer:

Connect each satellite speaker and the center speaker to the corresponding ports on the back of the subwoofer. Ensure a secure connection for each speaker cable.

3. Connecting Subwoofer to Audio Source:

The Z-640 system connects to your computer's sound card or a video game console using the provided cables. The

input jacks on the subwoofer are color-coded for ease of connection:

- **Green:** Connects to the front speaker output of your sound card.
- **Black:** Connects to the rear speaker output of your sound card.
- **Orange:** Connects to the subwoofer and center channel output of your sound card.

For video game consoles, use the included adapter cable to connect to the console's audio output.



Image: Rear panel of the Logitech Z-640 subwoofer, showing the color-coded input jacks for front, rear, and center/subwoofer channels, along with the sub volume knob and power cable.



Image: Various RCA adapter cables, including a console adapter, used for connecting the Z-640 system to different audio sources.

Ensure all connections are firm before powering on the system.

OPERATING INSTRUCTIONS

Once the system is set up, you can control its functions using the controls located on the center speaker and the subwoofer.

Center Speaker Controls:



Image: Close-up of the Logitech Z-640 center speaker, displaying the control panel with buttons for power, volume, matrix mode, fader, and a headphone jack.

- **Power Button:** Turns the speaker system on or off.
- **Volume Control:** Adjusts the overall volume of the system.
- **Matrix Button:** Engages or disengages the Matrix mode, which mixes two front channels to create a surround sound effect for stereo sources.
- **Fader Control:** Adjusts the balance between the front and rear speakers. Turning it up increases the volume of the rear speakers relative to the front.
- **Headphone Jack:** For private listening. Plugging in headphones will mute the speakers.

Subwoofer Control:

- **Sub Volume Knob:** Located on the back of the subwoofer, this knob adjusts the bass level independently.

Audio Source Settings:

For optimal sound, adjust the equalizer settings on your computer's sound card or audio player software. Experiment with different presets (e.g., Rock, New Age) to find the sound profile that best suits your preferences and content.

MAINTENANCE

To ensure the longevity and performance of your Logitech Z-640 speaker system, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the speakers and subwoofer. Avoid using liquid cleaners or abrasive materials, as they can damage the finish or internal components.
- **Placement:** Keep speakers away from direct sunlight, excessive heat, and moisture. Ensure adequate ventilation around the subwoofer to prevent overheating.

- **Cable Management:** Periodically check all cable connections to ensure they are secure and free from kinks or damage.
- **Power Off:** When not in use for extended periods, it is advisable to power off the system using the power button on the center speaker.

TROUBLESHOOTING

If you encounter issues with your Z-640 system, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
No sound from speakers.	<ul style="list-style-type: none"> ◦ Ensure the system is powered on and the power indicator LED is lit. ◦ Check all audio cable connections between the speakers, subwoofer, and your audio source (computer/console). ◦ Verify that the volume is turned up on both the speaker system and your audio source. ◦ Ensure headphones are not plugged into the center speaker's headphone jack.
Weak or distorted sound.	<ul style="list-style-type: none"> ◦ Check the audio source quality (e.g., low bitrate music files can sound poor). ◦ Adjust the volume levels on both the speakers and the audio source to avoid overdriving. ◦ Experiment with your sound card's equalizer settings. ◦ Ensure speaker cables are fully inserted and not damaged.
No bass or weak bass.	<ul style="list-style-type: none"> ◦ Adjust the "Sub Volume" knob on the back of the subwoofer. ◦ Ensure the orange cable (subwoofer/center channel) is correctly connected to your sound card. ◦ Check your sound card's settings to ensure the subwoofer output is enabled and configured correctly.
Rear speakers are too quiet or too loud.	<ul style="list-style-type: none"> ◦ Adjust the "Fader" control on the center speaker to balance front and rear volume. ◦ Verify the black cable (rear speakers) is correctly connected.
Bright blue LED on center speaker is distracting.	<ul style="list-style-type: none"> ◦ This is a design feature. If bothersome, a small piece of electrical tape can be placed over the LED.

SPECIFICATIONS

- **Model Number:** 970073-0403
- **Total RMS Power:** 71.2 Watts
- **Satellite Speaker Power:** 7.3 Watts RMS per satellite (x4)
- **Center Channel Speaker Power:** 16.3 Watts RMS
- **Subwoofer Power:** 25 Watts RMS
- **Frequency Response:** Down to 35 Hz (subwoofer)
- **Connectivity:** Stereo analog (RCA), Multi-channel analog (for 4- or 6-channel sound cards)
- **Shielding:** All speakers are video shielded for distortion-free placement near monitors.

- **Product Dimensions:** 16.7 x 13.4 x 13.1 inches (overall package/subwoofer)
- **Item Weight:** 1 pound (system weight)
- **Language:** English

WARRANTY INFORMATION

The Logitech Z-640 6 Speaker Surround Sound System is covered by **atwo-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty service or claims, please retain your proof of purchase and contact Logitech customer support.

SUPPORT

For further assistance, technical support, or to access additional resources, please visit the official Logitech support website. You can often find FAQs, driver downloads, and contact information for customer service there. Visit the Logitech Store on Amazon for product information (Note: This link is for product information, not direct support).