ViewSonic LS950WU

ViewSonic LS950WU Laser Projector User Manual

Model: LS950WU

1. INTRODUCTION

The ViewSonic LS950WU is a high-performance laser projector designed for large venues and professional applications. It combines powerful laser projection with flexible installation options and durable technology. With its impressive 7100 ANSI lumens brightness, native WUXGA (1920 x 1200) resolution, and advanced DLP technology, the LS950WU ensures sharp, vivid, and high-contrast images even in brightly lit environments.

This projector supports modern image formats, offers a wide range of professional installation features, and incorporates innovative control functions, making it an ideal choice for businesses, educational institutions, and creative installations.

Figure 1.1: ViewSonic LS950WU Laser Projector, showcasing its sleek design and front lens.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating the projector. Keep this manual for future reference.

- **Power Source:** Only use the power cord supplied with the projector. Connect to a grounded power outlet.
- **Ventilation:** Do not block ventilation openings. Ensure adequate space around the projector for proper airflow to prevent overheating.
- **Heat:** The projector generates heat during operation. Do not place it near heat sources or in direct sunlight.
- **Moisture:** Do not expose the projector to rain, moisture, or excessive humidity. Do not place objects filled with liquids on or near the projector.
- **Cleaning:** Unplug the projector from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Laser Safety:** Do not look directly into the projector lens when the laser light source is active. Avoid direct eye exposure to the laser beam.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

Figure 2.1: Side view of the projector highlighting the ventilation grilles, crucial for heat dissipation.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items listed below are present and undamaged. If any items are missing or damaged, contact your dealer immediately.

- ViewSonic LS950WU Laser Projector Unit
- Power Cord
- Remote Control
- Batteries for Remote Control (if included)
- Quick Start Guide
- Warranty Card (region dependent)

Figure 3.1: The included remote control for operating the projector.

4. SETUP

4.1 Projector Placement

The LS950WU can be placed on a table, mounted on the ceiling, or used for rear projection. Ensure the projector is placed on a stable, level surface or securely mounted.

- **Dimensions:** 43.3 cm (W) x 48.6 cm (D) x 18.6 cm (H)
- **Weight:** 12.8 kg
- Maintain adequate clearance around the projector for ventilation (at least 30 cm from walls).

4.2 Connecting Power

1. Connect the power cord to the projector's AC inlet.
2. Plug the other end of the power cord into a grounded electrical outlet.
3. Ensure the power switch on the projector (if present) is in the OFF position before connecting.

4.3 Connecting Video Sources

The LS950WU offers various input ports for connecting different video sources.

Figure 4.1: Rear panel of the projector displaying various input and output ports, including HDMI, VGA, and control ports.

- **HDMI:** Connect HDMI cables from your computer, Blu-ray player, or other HDMI-enabled devices to the HDMI input ports on the projector.
- **VGA (Computer In):** Use a VGA cable to connect your computer's VGA output to the projector's "COMPUTER IN" port.
- **Audio:** Connect audio cables to the "AUDIO IN" ports if using analog audio sources.
- **Control Ports:** Utilize the LAN (RJ45) or RS232 ports for network control and integration into professional AV systems.

5. OPERATING THE PROJECTOR

5.1 Powering On/Off

1. **Power On:** Press the **ON** button on the remote control or the power button on the projector's control panel. The power indicator light will turn on.
2. **Power Off:** Press the **OFF** button on the remote control or the power button on the projector's control panel. Confirm shutdown if prompted.

5.2 Input Source Selection

To switch between connected devices, press the **INPUT** button on the remote control or the projector's control panel, then navigate to select the desired source (e.g., HDMI1, VGA).

5.3 Image Adjustments

- **Focus:** Use the **FOCUS** buttons on the remote control to sharpen the image.
- **Zoom:** Use the **ZOOM** buttons to adjust the image size.
- **Keystone Correction:** If the image appears trapezoidal, use the **KEYSTONE** buttons to correct it. The projector supports horizontal/vertical keystone and 4-corner adjustment.
- **Lens Shift:** For precise image positioning without moving the projector, use the **LENS SHIFT** controls.
- **Aspect Ratio:** The projector supports 16:10 native aspect ratio and is compatible with 21:9, ideal for wide-screen content. Adjust this setting in the OSD menu.

Figure 5.1: Front view of the projector, showing the lens and control panel area.

6. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your projector.

6.1 Cleaning the Projector

- **Exterior:** Wipe the projector casing with a soft, dry, lint-free cloth. Do not use abrasive cleaners, waxes, or solvents.
- **Lens:** Gently clean the lens with a lens cleaning cloth or lens paper. Avoid touching the lens directly with your fingers.
- **Air Vents:** Periodically check and clean the air vents to prevent dust buildup, which can impede airflow and cause overheating. Use a soft brush or compressed air.

6.2 Light Source Life

The LS950WU utilizes a laser-phosphor light source (2nd generation) with an estimated lifespan of up to 30,000 hours in SuperEco mode, significantly reducing maintenance requirements compared to traditional lamp-based projectors.

7. TROUBLESHOOTING

If you encounter issues with your projector, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No image on screen	Power cord not connected Projector not powered on Incorrect input source selected Source device not powered on or connected	Ensure power cord is securely connected. Press the power button to turn on the projector. Press the INPUT button to select the correct source. Check power and connections of the source device.
Image is blurry	Lens out of focus Projector too close/far from screen	Adjust the FOCUS ring/buttons. Adjust projector distance or use ZOOM.

Problem	Possible Cause	Solution
Image is distorted (trapezoid)	Projector not perpendicular to screen	Use Keystone Correction (horizontal/vertical) or 4-corner adjustment.
No sound	Volume too low or muted Audio cable not connected Incorrect audio output on source	Increase volume or unmute. Ensure audio cables are properly connected. Check audio settings on your source device.

8. TECHNICAL SPECIFICATIONS

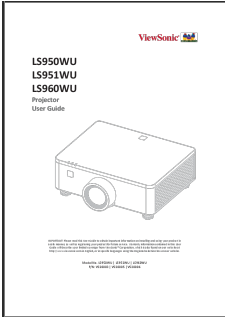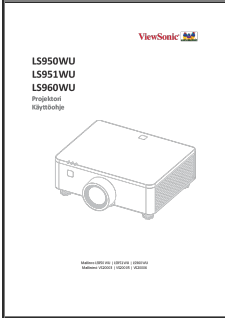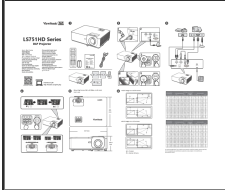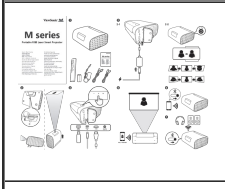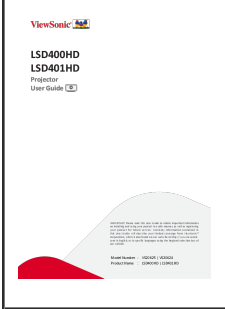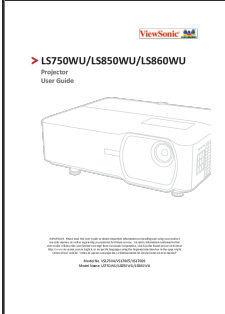|	
Brand	ViewSonic
Model Number	LS950WU
Product Dimensions	43.3 x 48.6 x 18.6 cm
Product Weight	12.8 kg
Native Resolution	WUXGA (1920 x 1200)
Brightness	7100 ANSI Lumens (7300 central lumens)
Contrast Ratio	3,000,000:1
Projection Size	Up to 300 inches
Aspect Ratio	16:10 (compatible with 21:9)
Display Technology	0.67" DMD chip, DLP
Color Representation	1.07 Billion Colors
Light Source	Laser-Phosphor (2nd Generation)
Light Source Life	Up to 30,000 hours (SuperEco mode)
Keystone Correction	Horizontal/Vertical, 4-Corner Adjustment
Projection Features	360° Rotatable, Vertical Mode (90°)
ASIN	B0FCFPNP5J

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included in your product package or visit the official ViewSonic website.

For technical support, product registration, or service inquiries, please contact ViewSonic customer support through their official channels.

Online Resources:

- ViewSonic Official Website

Related Documents - LS950WU

LS950WU LS951WU LS960WU Projector User Guide	[ViewSonic LS950WU, LS951WU, LS960WU Projector User Guide](#) Comprehensive user guide for ViewSonic LS950WU, LS951WU, and LS960WU projectors, covering installation, operation, safety precautions, troubleshooting, and specifications.
LS950WU LS951WU LS960WU Projektori Käyttöohje	[ViewSonic LS950WU, LS951WU, LS960WU Projektori Käyttöohje](#) ViewSonic LS950WU, LS951WU, LS960WU projektorien käyttöohje. Sisältää asennus-, käyttö- ja turvallisuusvarotoimet sekä vianmääritysohjeet.
LS751HD Series	[ViewSonic LS751HD Series DLP Projector Quick Start Guide](#) This document provides a quick start guide for the ViewSonic LS751HD Series DLP Projector, covering setup, connections, and basic operation. It includes technical specifications and compliance information.
M series	[ViewSonic M Series Portable RGB Laser Smart Projector - Quick Start Guide](#) A concise guide to setting up and using the ViewSonic M Series Portable RGB Laser Smart Projector, covering connections, power, projection, and wireless features.
LSD400HD LSD401HD Projector User Guide	[ViewSonic LSD400HD & LSD401HD Projector User Guide: Setup, Operation, and Specifications](#) This comprehensive user guide provides detailed instructions for setting up, operating, and maintaining the ViewSonic LSD400HD and LSD401HD projectors. It includes safety precautions, connection guides, menu operations, troubleshooting tips, and technical specifications for optimal performance.
LS750WU/LS850WU/LS860WU Projector User Guide	[ViewSonic LS750WU/LS850WU/LS860WU Projector User Guide](#) Comprehensive user guide for ViewSonic LS750WU, LS850WU, and LS860WU projectors, covering installation, operation, features, safety, and specifications.