**ViewSonic LS810**

# ViewSonic LS810 WXGA Ultra Short Throw Laser Projector User Manual

Comprehensive user manual for the ViewSonic LS810 WXGA Ultra Short Throw Laser Projector, covering setup, operation, maintenance, and specifications.

## 1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ViewSonic LS810 WXGA Ultra Short Throw Laser Projector. Designed for business and education environments, the LS810 offers high brightness and flexible installation options.

## 2. KEY FEATURES

- **Versatile Projection:** Advanced visual features and a stackable design suitable for modern business and education settings.
- **Large Screen Capability:** Projects images up to 150 inches with 5200 lumens of brightness and a 100,000:1 contrast ratio.
- **Easy Installation:** Features a 0.23 ultra-short throw ratio, HV keystoning, and 4-corner adjustments for flexible placement.
- **Extended Light Source Life:** Long-lasting phosphor light source provides up to 30,000 hours of operation.
- **Flexible Connectivity:** Supports various media players, PCs, Macs, and mobile devices with HDMI and USB input options.
- **Integrated Audio:** SonicExpert technology for clear sound.
- **Hidden PortAll Compartment:** Accommodates additional accessories like wireless streaming devices or PC sticks.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- ViewSonic LS810 Projector
- Power Cable
- VGA Cable
- HDMI Cable
- Remote Control
- User Manual (this document)

## 4. PRODUCT OVERVIEW

## 4.1 Front and Side View



Figure 1: Front and side view of the ViewSonic LS810 projector, showing the lens and ventilation grilles.

## 4.2 Top Panel Controls

## 4.3 Rear Panel Connections



Figure 3: Rear panel of the ViewSonic LS810 projector, displaying various input and output ports including HDMI, USB, VGA, and audio connections.

## 5. Setup Instructions

### 5.1 Placement

Due to its ultra-short throw ratio, the LS810 can be placed very close to the projection surface. Ensure the projector is on a stable, level surface. For optimal image quality, position the projector directly in front of the screen or wall.

### 5.2 Connecting Power

1. Connect the supplied power cable to the projector's power inlet.
2. Plug the other end of the power cable into a grounded electrical outlet.

### 5.3 Connecting Input Sources

The LS810 supports multiple input sources. Refer to Figure 3 for port locations.

- **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, Blu-ray player) to one of the HDMI ports on the projector.
- **VGA:** Connect a VGA cable from your computer to a "Computer In" port.
- **USB:** Use the USB ports for connecting compatible devices or for firmware updates.
- **Audio:** Connect external audio devices to the audio input/output ports as needed.

## 6. Operating Instructions

### 6.1 Powering On/Off

1. To power on, press the Power button on the projector's top panel or the remote control. The power indicator will illuminate.
2. To power off, press the Power button again. A confirmation message may appear; press Power again to confirm shutdown.

## 6.2 Source Selection

Press the **Source** button on the projector or remote control to cycle through available input sources (HDMI 1, HDMI 2, VGA, etc.).

## 6.3 Image Adjustment

- **Focus:** Adjust the focus ring near the lens until the image is sharp.
- **Keystone Correction:** Use the H/V Keystone buttons on the top panel or remote to correct trapezoidal image distortion.
- **4-Corner Adjustment:** For advanced image shaping, access the 4-Corner Adjustment feature through the projector's menu.
- **Zoom:** The projector features a 1.6x optical zoom. Adjust this via the controls on the top panel or remote.

## 6.4 Menu Navigation

Press the **Menu** button to access the on-screen display (OSD) menu. Use the arrow keys to navigate and the **Enter** button to select options. Press **Menu** or **Exit** to close the OSD.

## 7. MAINTENANCE

## 7.1 Cleaning the Projector

- **Exterior:** Wipe the projector casing with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Lens:** Gently clean the lens with a lens cleaning cloth or lens paper. Avoid touching the lens directly.
- **Ventilation:** Ensure the ventilation grilles are clear of dust and obstructions to prevent overheating.

## 7.2 Light Source

The LS810 uses a laser light source with an estimated lifespan of up to 30,000 hours, eliminating the need for frequent bulb replacements.

## 8. TROUBLESHOOTING

- **No Image:**

  - Check power connections and ensure the projector is turned on.
  - Verify the input source is correctly selected and the source device is active.
  - Check cable connections (HDMI, VGA) for secure fit.

- **Blurred Image:**

  - Adjust the focus ring on the lens.
  - Ensure the projection surface is flat and the projector is stable.

- **Image is Trapezoidal:**

  - Use the keystone correction feature to adjust the image shape.
  - Reposition the projector to be as perpendicular to the screen as possible.

- **No Sound:**

  - Check audio cable connections.
  - Adjust the volume on both the projector and the source device.
  - Ensure the audio output is not muted.

## 9. SPECIFICATIONS

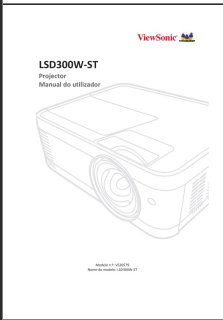| Brand | ViewSonic |
|---|---|
| Model Number | LS810 |
| Display Resolution | 1280 x 800 (WXGA) |
| Brightness | 5200 Lumens |
| Light Source | Laser |
| Light Source Life | Up to 30,000 hours |
| Throw Ratio | 0.23 Ultra Short Throw |
| Connectivity Technology | HDMI, USB |
| Product Dimensions | 15.43 x 20 x 6.5 inches |
| Item Weight | 22 pounds |
| Recommended Uses | Business, Education |

## 10. WARRANTY AND SUPPORT

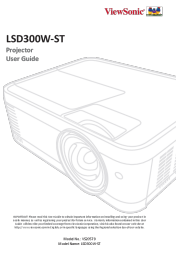The ViewSonic LS810 Projector comes with an industry-leading warranty:

- **3-Year Limited Warranty:** Covers parts and labor.
- **1-Year Lamp Coverage:** Specific coverage for the light source.
- **US-Based Customer Service:** Access to support for assistance.

For further assistance or technical support, please refer to the contact information provided with your product documentation or visit the official ViewSonic website.

## Related Documents - LS810

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|---|---|
| ViewSonic LSD300W-ST Projector | [ViewSonic LSD300W-ST Projector User Manual | LSD300W-ST](#)<br>Comprehensive user manual for the ViewSonic LSD300W-ST projector, covering setup, operation, safety, features, and troubleshooting. Learn how to install and use your projector effectively. |
| ViewSonic LSD300W-ST Projector Manual do utilizador | [Manual do Utilizador ViewSonic LSD300W-ST: Guia Completo do Projetor](#)<br>Obtenha informações detalhadas sobre o seu projetor ViewSonic LSD300W-ST (Modelo n.º VS20579). Este guia abrange configuração, operação, menus, especificações técnicas, solução de problemas e informações regulamentares. |

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| | [ViewSonic M2e Portable Smart LED Projector - Features and Specifications](#)<br>Discover the ViewSonic M2e, a portable smart LED projector offering Full HD resolution, 125% Rec.709 color accuracy, and integrated Harman Kardon speakers. Learn about its key features, product description, and technical specifications for easy setup and cinema-quality entertainment anywhere. |
| | [ViewSonic X11-4K Smart LED Projector Quick Start Guide](#)<br>A quick start guide for the ViewSonic X11-4K Smart LED Projector, covering setup, connections, and basic operation. |
| | [ViewSonic PG603W DLP Projector Quick Start Guide](#)<br>Quick start guide for the ViewSonic PG603W DLP projector, covering setup, connections, and projection specifications. |
| | [ViewSonic LSD300W-ST Projector User Guide: Setup, Operation, and Specifications](#)<br>Comprehensive user guide for the ViewSonic LSD300W-ST projector, covering setup, connections, operation, menu functions, troubleshooting, and specifications. Learn how to install and use your ViewSonic projector effectively. |