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ViewSonic LS830

ViewSonic LS830 1080p Ultra Short Throw Projector User Manual

Model: LS830

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your ViewSonic LS830 1080p Ultra Short Throw Projector. The LS830 is designed for modern business and education environments, offering 1080p resolution and 4,500 lumens of brightness. Its ultra-short throw ratio allows for large image projection from a minimal distance.

WHAT'S IN THE BOX

Upon unpacking, ensure all items are present:

- ViewSonic LS830 1080p Projector
- Power Cable
- VGA Cable
- HDMI Cable
- Remote Control

SETUP

Projector Placement

The LS830 features a 0.23 ultra-short throw ratio, allowing it to project a large image from a very short distance to the screen or wall. Place the projector on a stable, flat surface. Ensure adequate ventilation around the unit.



Image: Front-top view of the ViewSonic LS830 projector, showing its sleek design and lens placement.

Connecting Devices

The projector supports various media players, PCs, Macs, and mobile devices. Use the appropriate cables to connect your source devices to the projector's input ports.

- **HDMI:** For high-definition digital video and audio.
- **VGA (Computer In):** For analog video input from computers.
- **USB:** For connecting compatible USB devices.
- **LAN:** For network connectivity.
- **Audio In/Out:** For external audio connections.



Image: Rear view of the ViewSonic LS830 projector, displaying the various input and output ports including HDMI, VGA, USB, LAN, and audio connections.

Powering On

1. Connect the power cable to the projector and a power outlet.

2. Press the power button on the projector or the remote control to turn on the unit.

OPERATING INSTRUCTIONS

Basic Controls

The projector can be operated using the control panel on the top of the unit or the included remote control.



Image: Top view of the ViewSonic LS830 projector, highlighting the control panel with buttons for menu, source selection, navigation, and power.

- **Power Button:** Turns the projector on or off.
- **Source Button:** Cycles through available input sources (HDMI, VGA, etc.).
- **Menu Button:** Accesses the on-screen display (OSD) menu for settings adjustments.
- **Navigation Buttons:** Used to navigate through OSD menus and adjust settings.
- **Enter Button:** Confirms selections in the OSD menu.

Image Adjustment

For optimal image quality, adjust the following settings:

- **HV Keystoning:** Corrects trapezoidal distortion when the projector is not perfectly perpendicular to the screen. Access this through the OSD menu.
- **4 Corner Adjustments:** Provides fine-tuning for image geometry, allowing individual corners of the projected image to be adjusted.
- **Focus:** Adjust the lens focus for a sharp image.

PortAll Compartment

The LS830 features a hidden PortAll compartment designed to accommodate additional accessories such as a wireless streaming device or PC stick. Open the compartment to connect and secure these devices.

MAINTENANCE

Lamp Life

The LS830 utilizes a long-lasting phosphor light source, designed to provide up to 30,000 hours of operation. Regular maintenance helps maximize its lifespan.

Cleaning

- **Exterior:** Use a soft, dry cloth to clean the projector's exterior. For stubborn marks, dampen the cloth slightly with water.
- **Lens:** Gently wipe the lens with a lens cleaning cloth. Avoid abrasive materials or excessive pressure.
- **Ventilation:** Ensure the ventilation openings are clear of dust and obstructions to prevent overheating.

TROUBLESHOOTING

If you encounter issues with your projector, consider the following general steps:

- **No Image:** Check all cable connections (HDMI, VGA) to ensure they are secure. Verify the correct input source is selected on the projector.
- **Power Issues:** Ensure the power cable is firmly connected to both the projector and a working power outlet.
- **Image Distortion:** Use the HV keystoneing and 4 corner adjustment features in the OSD menu to correct image shape.
- **Blurry Image:** Adjust the focus ring on the projector lens until the image is sharp.

For more detailed troubleshooting or persistent issues, please refer to the official ViewSonic support resources or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	LS830
Display Resolution	1920 x 1080 (1080p)
Brightness	4500 Lumens
Connectivity Technology	HDMI, USB, VGA, LAN
Special Feature	Short Throw, Ultra Short Throw
Product Dimensions	15.43 x 20 x 6.5 inches
Item Weight	22 pounds
Manufacturer	ViewSonic
Date First Available	August 9, 2016

WARRANTY INFORMATION

The ViewSonic LS830 Projector comes with an industry-leading warranty:

- **3-year limited parts and labor coverage.**
- **1-year of lamp coverage.**

For specific terms and conditions, please refer to the warranty card included with your product or visit the official ViewSonic website.

SUPPORT

For technical assistance, product registration, or to access additional resources, please visit the official ViewSonic support website. You can also contact their US-based customer service team for direct support.