ViewSonic PA700W

ViewSonic PA700W Projector User Manual

Model: PA700W

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation of your ViewSonic PA700W projector. Please read this manual thoroughly before using the projector and keep it for future reference. The ViewSonic PA700W is a high-brightness WXGA projector designed for business and education environments, offering vivid images and flexible connectivity.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent fire, electric shock, or injury:

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.

- Do not look directly into the projector lens when the lamp is on, as the bright light can damage your eyes.

- Do not place the projector on an unstable cart, stand, or table.

- Use only the power cord supplied with the projector.

- Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

- Keep the projector away from water or moisture.

3. WHAT'S IN THE BOX

Verify that all items are present in the package:

- ViewSonic PA700W Projector

- Power Cord

- Remote Control (with 2 AAA batteries included)

- HDMI Cable

- VGA Cable

- Quick Start Guide

- User Manual (this document)

Power Cable*

QuickStart Guide

VGA Cable

Remote Control

WHAT'S IN THE BOX
*Power Cable varies by region

Figure 3.1: Contents of the ViewSonic PA700W package. Includes the projector, power cord, remote control, HDMI cable, VGA cable, and quick start guide.

4. PRODUCT OVERVIEW

4.1 Front and Side View

Figure 4.1: Front view of the ViewSonic PA700W projector, highlighting the main lens and front ventilation grilles.

Figure 4.2: Angled view of the ViewSonic PA700W projector, providing a perspective of the lens, control panel, and side ventilation.

4.2 Dimensions

Figure 4.3: Physical dimensions of the PA700W projector, showing its length, width, and height for placement planning.

4.3 Connectivity Ports

The PA700W offers a variety of input and output ports for flexible connectivity:

- **HDMI 1.4:** x2 (for digital video and audio)
- **VGA (In/Out):** x2 (for analog video)
- **USB 2.0 Type-A:** x1 (for media playback or firmware updates)
- **Ethernet LAN (RJ45):** x1 (for network control)
- **Audio (In/Out):** x2 (3.5mm jacks for audio input/output)

x2 HDMI 1.4

x2 VGA (In/Out)

x1 USB 2.0 Type-A

x1 Ethernet LAN (RJ45)

x2 Audio (In/Out)

Figure 4.4: Rear panel of the projector displaying all available input and output ports for connecting various devices.

4.4 Remote Control

The included remote control allows for convenient operation of the projector from a distance. It requires 2 AAA batteries (included).

Figure 4.5: The remote control for the PA700W projector, showing its button layout for various functions.

5. SETUP

5.1 Placement

Position the projector on a stable, flat surface or mount it securely. Ensure there is adequate ventilation around the unit. The PA700W can project a 100-inch screen from approximately 3.3 meters (10.9 feet) away.

Figure 5.1: Recommended projection distances for different screen sizes, illustrating the flexibility of placement.

5.2 Connecting Power

1. Connect the power cord to the projector's power inlet.

2. Plug the other end of the power cord into a grounded electrical outlet.

5.3 Connecting Input Devices

Use the appropriate cables to connect your source devices (e.g., laptop, DVD player, gaming console) to the projector's input ports (HDMI, VGA, etc.).

1. For digital video and audio, use an HDMI cable to connect your device to an HDMI port on the projector.

2. For analog video, use a VGA cable to connect your device to a VGA port. If audio is also needed, connect a 3.5mm audio cable from your device's audio out to the projector's Audio In port.

6. OPERATING THE PROJECTOR

6.1 Powering On/Off

- **To Power On:** Press the **Power** button on the projector's control panel or the remote control. The power indicator light will turn blue.
- **To Power Off:** Press the **Power** button again. A confirmation message may appear; press the button a second time to confirm shutdown. The power indicator light will turn orange.

6.2 Source Selection

After powering on, the projector will automatically detect an active input source. If multiple sources are connected, or if the desired source is not automatically selected:

- Press the **Source** button on the remote control or projector.
- Use the arrow keys to navigate through the available input sources (HDMI 1, HDMI 2, VGA 1, VGA 2, USB).
- Press **Enter** to select the desired source.

6.3 Image Adjustment

- **Focus:** Rotate the focus ring on the projector lens until the image is sharp and clear.
- **Zoom:** Rotate the zoom ring on the projector lens to adjust the image size.
- **Keystone Correction:** If the image appears trapezoidal, use the **Keystone** buttons (up/down arrows) on the remote or projector to correct the image shape. The PA700W supports 40-degree vertical keystone correction.

6.4 Menu Navigation

To access and adjust projector settings:

1. Press the **Menu/Exit** button on the remote or projector.
2. Use the arrow keys to navigate through menu options.
3. Press **Enter** to select a sub-menu or confirm a setting.
4. Press **Menu/Exit** again to exit the menu.

Common menu settings include:

- **Picture:** Brightness, Contrast, Color, Tint, Sharpness, Aspect Ratio, Display Mode.
- **Audio:** Volume, Mute.
- **Setup:** Language, Projection Mode, Auto Power Off.
- **Advanced:** Lamp Settings (SuperEco Mode), Information.

4,500 ANSI LUMENS
And WXGA resolution

Figure 6.1: The projector's capability to display bright and clear images with WXGA resolution, suitable for various environments.

Figure 6.2: Example of the projector's performance in a bright room, demonstrating its ability to produce crystal clear images even with ambient light.

7. MAINTENANCE

7.1 Cleaning the Projector

- **Projector Case:** Use a soft, lint-free cloth dampened with a mild detergent solution to wipe the case. Do not use abrasive cleaners or solvents.
- **Projector Lens:** Use a lens cleaning cloth and lens cleaning solution specifically designed for optical lenses. Avoid touching the lens directly with your fingers.
- **Ventilation Openings:** Use a soft brush or compressed air to remove dust from the ventilation openings. Ensure the projector is turned off and unplugged before cleaning.

7.2 Lamp Life

The PA700W utilizes a long-life lamp. In SuperEco Mode, the lamp can last for up to 12,000 hours, significantly reducing

maintenance and replacement costs. The projector will display a warning message when the lamp is nearing the end of its life.

8. TROUBLESHOOTING

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 Source button to select the correct input. Check power and cable connections of the source device.
Image is blurry	Focus not adjusted. Projector too close/far from screen.	Adjust the focus ring on the lens. Adjust the zoom ring or reposition the projector.
Image is trapezoidal	Projector not perpendicular to screen.	Use the Keystone correction buttons on the remote or projector. Adjust the projector's angle.
No audio	Volume too low or muted. Audio cable not connected (for VGA input). Source device audio output issue.	Increase volume or unmute using the remote. Ensure 3.5mm audio cable is connected for VGA sources. Check audio settings on your source device.

9. SPECIFICATIONS

Brand	ViewSonic
Model	PA700W
Display Type	LED
Brightness	4500 ANSI Lumens
Native Resolution	WXGA (1280 x 800 Pixels)
Aspect Ratio	16:10
Contrast Ratio	(Not specified in provided data, typical for LED projectors)
Lamp Life	Up to 12,000 hours (SuperEco Mode)
Keystone Correction	Vertical (40 degrees), Digital Keystone Correction
Connectivity	2x HDMI 1.4, 2x VGA (In/Out), 1x USB 2.0 Type-A, 1x Ethernet (RJ45), 2x 3.5mm Audio (In/Out)
Built-in Speaker	Yes

Noise Level	25 dB
Power Consumption	300 Watts
Dimensions (LxWxH)	23.4 x 31 x 11.4 cm (9.2 x 12.2 x 4.5 inches)
Weight	2.72 kg (5.99 lbs)
Included Accessories	Power Cord, Remote Control, HDMI Cable, VGA Cable, User Manual

10. WARRANTY AND SUPPORT

10.1 Warranty Information

ViewSonic products are manufactured to the highest standards of quality and performance, and we back them with a comprehensive warranty. For specific warranty terms and conditions applicable to your region and product, please refer to the warranty card included with your product or visit the official ViewSonic website.

10.2 Customer Support

If you encounter any issues or have questions regarding your ViewSonic PA700W projector that are not covered in this manual, please contact ViewSonic customer support. You can find contact information (phone numbers, email, or online chat) on the official ViewSonic website:

Visit ViewSonic Support Website

Please have your product model number (PA700W) and serial number ready when contacting support.