

## ViewSonic PG603X

# ViewSonic PG603X XGA Projector User Manual

Model: PG603X

## 1. INTRODUCTION

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The ViewSonic PG603X XGA Networkable Projector is designed for versatile use in education, business, and home environments. It delivers clear and vibrant images with 3600 lumens brightness and XGA (1024x768) native resolution. Featuring Super Color technology for accurate color reproduction and an energy-saving Super Eco mode that extends lamp life, this projector offers flexible connectivity options including HDMI and USB, along with network control capabilities for easy management.

## 2. WHAT'S IN THE BOX

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- ViewSonic PG603X Projector
- Power Cord
- VGA Cable
- Remote Control
- User Manual (this document)

## 3. PRODUCT OVERVIEW

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Figure 3.1: Front view of the ViewSonic PG603X projector, showing the lens and ventilation grilles.



Figure 3.2: Top panel of the ViewSonic PG603X projector, featuring control buttons and focus/zoom adjustments.



Figure 3.3: Rear panel of the ViewSonic PG603X projector, displaying various input/output ports including HDMI, VGA, USB,

and audio connections.

## 4. KEY FEATURES

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- **Versatile Projection:** Suitable for education, business, and home cinema environments.
- **Bright and Clear Images:** 3600 lumens brightness and XGA (1024x768) native resolution for vivid displays.
- **Super Color Technology:** Offers a wide color gamut for accurate and beautiful image production.
- **Extended Lamp Life:** Dynamic Eco-mode extends lamp life up to 15,000 hours, reducing power consumption by up to 70%.
- **Flexible Connectivity:** Multiple input options including HDMI, VGA, USB-A reader, Mini USB, Video, Audio In/Out, and LAN.
- **Integrated Audio:** Features a 10W speaker for clear and audible sound.
- **Installation Flexibility:** Horizontal and vertical keystone correction, along with 4 corner adjustments, ensure a perfectly proportioned image from various angles.
- **Network Control:** Equipped with Crestron LAN controller for remote management.

## 5. SETUP

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### 5.1 Unpacking and Initial Inspection

Carefully remove the projector and all accessories from the packaging. Inspect for any signs of damage. Retain the original packaging for future transport or storage.

### 5.2 Projector Placement

The PG603X can be placed on a table, mounted on the ceiling, or positioned for rear projection. Ensure the projector is placed on a stable, level surface or securely mounted. Maintain adequate ventilation around the unit.

### 5.3 Connecting Devices

Connect your video source (e.g., computer, media player) to the projector using the appropriate cables. The projector supports:

- **HDMI:** For high-definition digital video and audio.
- **VGA (Computer):** For analog video input from computers.
- **USB Reader:** For direct playback of media files from a USB drive.
- **Mini USB:** For service or specific connectivity.
- **Video (RCA):** For standard definition video input.
- **Audio In/Out:** 3.5mm jacks for external audio sources or output to external speakers.
- **LAN:** For network connectivity and remote control via Crestron.

After connecting, plug the power cord into the projector and then into a power outlet.

## 6. OPERATING INSTRUCTIONS

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### 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 twice. The projector will enter a cooling down cycle before completely shutting off.

## 6.2 Source Selection

Press the 'Source' button on the control panel or remote to cycle through available input sources (HDMI, VGA, USB, Video). The projector will automatically detect an active signal.

## 6.3 Image Adjustment

Use the focus and zoom rings located near the lens on the top panel of the projector to adjust the image clarity and size. For digital adjustments, navigate the on-screen display (OSD) menu.

### 6.3.1 On-Screen Display (OSD) Menu Navigation

Press the 'Menu' button on the remote or control panel to access the OSD. Use the arrow keys to navigate and 'Enter' to select options. 'Exit' returns to the previous menu or closes the OSD.

Video 6.1: Demonstration of the projector's on-screen menu navigation, showing options for projector position, system settings, power management, and image adjustments. Note: This video features a similar model (PG703W), but the menu interface is representative of the PG603X.

### 6.3.2 Projector Position Settings

Within the OSD, navigate to 'System' > 'Projector Position' to adjust the image orientation based on your installation (Front Table, Rear Table, Front Ceiling, Rear Ceiling).

### 6.3.3 Keystone Correction and 4 Corner Adjustment

If the image appears trapezoidal, use the 'Keystone' or '4 Corner Adjustment' features in the OSD menu to correct the image shape. For more precise adjustments, utilize the '4 Corner Adjustment' feature to individually manipulate each corner of the image.

### 6.3.4 Color Mode and Aspect Ratio

Adjust 'Color Mode' (e.g., Standard, Brightest) and 'Aspect Ratio' (e.g., Auto, 4:3, 16:9) in the OSD to optimize the image for your content and viewing environment.

## 6.4 Audio Settings

Adjust the volume of the integrated 10W speaker using the volume buttons on the remote control or through the 'Audio Settings' in the OSD. For external audio, connect speakers to the 'Audio Out' port.

## 6.5 Power Management

The projector includes energy-saving features:

- **Super Eco Mode:** Reduces power consumption and extends lamp life.
- **Auto Power On (CEC):** Enables the projector to power on automatically when a signal is detected from a connected HDMI CEC-compatible device. This can be enabled/disabled in the 'Power Management' section of the OSD.

## 7. MAINTENANCE

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### 7.1 Cleaning the Projector

- **Exterior:** Use a soft, lint-free cloth dampened with a mild, non-abrasive cleaner. Do not spray cleaner directly onto the projector.
- **Lens:** Use a lens cleaning cloth and lens cleaning solution specifically designed for optical surfaces.
- **Ventilation Grilles:** Regularly clean the ventilation grilles to ensure proper airflow and prevent overheating. Use a soft brush or compressed air.

### 7.2 Lamp Replacement

The projector lamp has a limited lifespan. When the lamp indicator light turns red or a message appears on screen, the lamp may need replacement. Refer to the full user manual for detailed lamp replacement instructions or contact customer support.

## 8. TROUBLESHOOTING

If you encounter issues with your projector, consult the following common troubleshooting tips:

- **No Image:** Ensure all cables are securely connected and the correct input source is selected. Check if the projector is powered on and the lamp is functioning.
- **Blurry Image:** Adjust the focus ring on the projector lens. Ensure the projector is within the recommended projection distance.
- **Image is Trapezoidal:** Use the 'Keystone' or '4 Corner Adjustment' features in the OSD menu to correct the image shape.
- **No Sound:** Check the audio cable connections (if using external audio), adjust the volume, and ensure the projector's internal speaker is not muted in the OSD.
- **Remote Control Not Working:** Check the batteries and ensure there are no obstructions between the remote and the projector's IR receiver.

For more complex issues, refer to the comprehensive troubleshooting section in the full user manual or contact ViewSonic customer support.

## 9. SPECIFICATIONS

<b>Brand</b>	ViewSonic
<b>Model Name</b>	PG603X
<b>Native Resolution</b>	XGA (1024 x 768)
<b>Brightness</b>	3600 Lumens
<b>Contrast Ratio</b>	22000:1
<b>Lamp Life (Normal/Eco)</b>	Up to 15,000 hours (Super Eco mode)
<b>Display Type</b>	DLP
<b>Connectivity Technology</b>	HDMI, VGA, USB, Composite Video, LAN
<b>Built-In Speaker</b>	10W
<b>Mounting Type</b>	Tabletop Mount
<b>Item Weight</b>	2.3 Kilograms
<b>Voltage</b>	230 Volts

## 10. WARRANTY INFORMATION

The ViewSonic PG603X XGA Projector comes with a **3-Year Limited Warranty**. For detailed terms and conditions, including coverage specifics and how to make a claim, please refer to the official warranty documentation included with your product or visit the ViewSonic website.

## 11. SUPPORT

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For technical assistance, product registration, or to download the latest drivers and software, please visit the official ViewSonic support website. You can also find FAQs and contact information for customer service there.

**ViewSonic Official Website:** [www.viewsonic.com](http://www.viewsonic.com)