ViewSonic PX706HD

ViewSonic PX706HD 1080p Short Throw Projector User Manual

Comprehensive instruction manual for the ViewSonic PX706HD 1080p Short Throw Projector, covering setup, operation, features, specifications, and maintenance.

1. INTRODUCTION

The ViewSonic PX706HD is a 1080p short throw projector designed for versatile entertainment and gaming. It delivers large, immersive images in various environments, including smaller rooms, thanks to its short throw lens. This manual provides essential information for setting up, operating, and maintaining your projector.

Figure 1.1: Front view of the ViewSonic PX706HD Projector.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your product package:

- PX706HD projector
- Power Cord
- USB Type C Cable
- Remote Control
- User Manual (this document)

Figure 2.1: Items included in the PX706HD package.

3. PRODUCT OVERVIEW

The ViewSonic PX706HD projector offers a range of features for an enhanced viewing and gaming experience:

- **High Brightness & Resolution:** 3000 Lumens and Full HD 1920x1080 resolution for vivid, ultra-sharp images.
- **Short Throw Lens:** Project large images (up to 100 inches) from a short distance, ideal for smaller rooms.
- **Low Input Latency:** 16ms input latency ensures faster frame-by-frame action for smooth gameplay without delay.
- **Cinematic Colors:** Exclusive Color technology provides a wide color gamut for accurate and vibrant image production.
- **Flexible Connectivity:** Supports various devices via Dual HDMI, USB-C, and other inputs.
- **Full HD 3D Compatibility:** Enjoy 3D movies and games.
- **Internal Speaker:** Delivers room-filling sound for an immersive audiovisual experience.

Figure 3.1: High brightness and 1080p resolution for clear images.

Figure 3.2: Low input latency for responsive gaming.

4. SETUP

4.1 Projector Placement

The PX706HD features a short throw lens, allowing for large images from a close distance. Refer to the diagram below for typical projection distances and screen sizes.
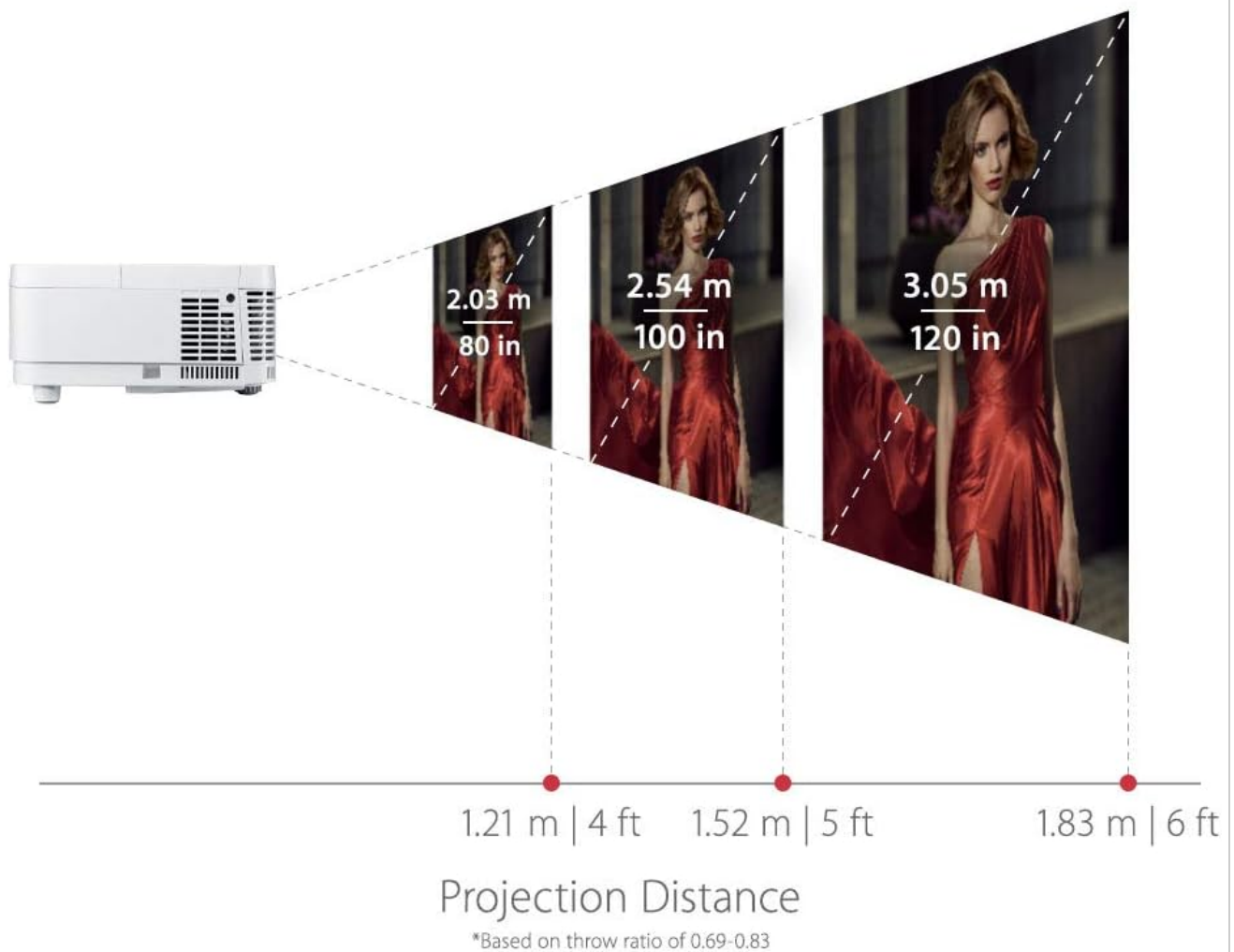
Figure 4.1: Recommended projection distances for various screen sizes.

4.2 Connecting Devices

The projector offers multiple connectivity options. Identify the appropriate port for your device:

- **HDMI:** Connect media players, gaming consoles, PCs, and Macs.
- **USB-C:** Connect compatible mobile devices for video streaming and gaming.
- **VGA:** For older computer connections.
- **Audio In/Out:** For external audio systems.

What's in the box.

Power Cable*

USB-C Cable

QuickStart Guide

Remote Control

PX706HD Projector

*Power Cable varies by region

Figure 4.2: Rear panel connectivity ports.

4.3 Initial Power On

1. Connect the power cord to the projector and a power outlet.
2. Press the power button on the projector or remote control to turn it on.
3. Adjust the focus and zoom using the rings on the projector lens.
4. Use the menu to adjust keystone correction if the image is distorted.

5. OPERATING THE PROJECTOR

5.1 Power On/Off

Press the **Power** button once to turn the projector on. Press it twice to turn it off. The projector will go through a cool-down cycle before completely shutting down.

5.2 Source Selection

Use the **Source** button on the remote control or the projector's control panel to cycle through available input sources (HDMI 1, HDMI 2, USB-C, VGA, etc.).

5.3 Image Adjustment

Access the On-Screen Display (OSD) menu by pressing the**Menu**/**Exit** button. Navigate using the arrow keys and confirm selections with the **Enter** button. Adjust settings such as:

- **Brightness/Contrast:** Fine-tune image luminance and distinction.
- **Color Mode:** Select pre-set modes (e.g., Movie, Game, Standard) or customize.
- **Keystone:** Correct trapezoidal image distortion.
- **Aspect Ratio:** Adjust the image display ratio.

6. GAMING FEATURES

The PX706HD is optimized for gaming with features designed to enhance your experience:

- **Ultra-Low Input Latency:** A 16ms input latency minimizes delay between your input and the on-screen action, crucial for fast-paced games.
- **Gaming Mode:** Activates enhanced colors and contrast specifically tuned for gaming visuals.
- **USB-C Connectivity:** Directly connect compatible mobile devices for large-screen gaming.

Video 6.1: Overview of the ViewSonic PX706HD's gaming capabilities, highlighting low input lag and immersive experience.

Video 6.2: Demonstrates an ultimate gaming setup using the PX706HD projector with an Xbox 360.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your projector:

- **Lamp Life:** The projector lamp has a life of up to 15,000 hours in SuperEco Mode. Replace the lamp when its brightness significantly diminishes.
- **Cleaning:** Regularly clean the projector lens with a soft, lint-free cloth. Ensure air vents are clear of dust and obstructions to prevent overheating.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, protected from dust.

8. TROUBLESHOOTING

If you encounter issues with your projector, try the following basic troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected and the power outlet is functional.
- **No Image:** Verify the input source is correctly selected and the connected device is powered on and outputting a signal. Check all cable connections.
- **Blurred Image:** Adjust the focus ring on the projector lens. Ensure the projection surface is flat.
- **Image Distortion:** Use the keystone correction feature in the OSD menu to correct trapezoidal images.
- **Overheating:** Ensure the projector's air vents are not blocked and there is adequate ventilation around the unit.

For more detailed troubleshooting or persistent issues, please refer to the comprehensive user manual provided with your product or contact ViewSonic customer support.

9. SPECIFICATIONS

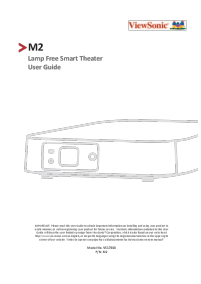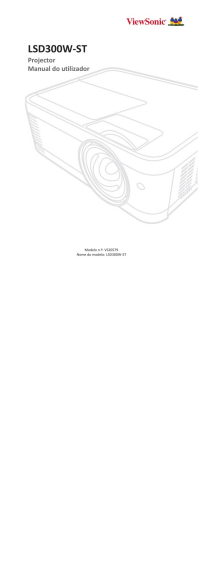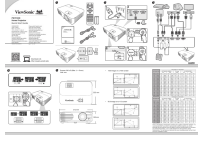| Feature	Specification
Product Dimensions	8.66 x 4.53 x 11.53 inches
Item Weight	5.94 pounds
Item model number	PX706HD
Batteries	2 AAA batteries required (for remote)
Date First Available	April 9, 2018
Manufacturer	ViewSonic
Brand	ViewSonic
Recommended Uses For Product	Gaming
Special Feature	Built-In 3D
Connectivity Technology	USB, HDMI, VGA
Display resolution	1920 x 1080 (Full HD)
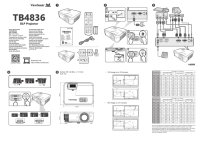
Figure 9.1: Projector dimensions.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included in your product packaging or visit the official ViewSonic website. Keep your purchase receipt for warranty claims.

Related Documents - PX706HD

[ViewSonic LSD300W-ST Projector User Manual | LSD300W-ST](#)

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 TB4836 DLP Projector Quick Start Guide](#)

Get started quickly with the ViewSonic TB4836 DLP Projector. This concise guide covers setup, connections, projection specifications, and important compliance information.

[ViewSonic M2e Portable Smart LED Projector - Features and Specifications](#)

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 M2 Lamp Free Smart Theater User Guide](#)

This user guide provides comprehensive information on the ViewSonic M2 Lamp Free Smart Theater projector, covering setup, operation, features, and troubleshooting. Learn about its short-throw lens, auto keystone correction, Bluetooth connectivity, USB-C capabilities, and more.

[Manual do Utilizador ViewSonic LSD300W-ST: Guia Completo do Projetor](#)

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.

[ViewSonic PX701HD Home Projector: Quick Start Guide and Setup](#)

Get started quickly with the ViewSonic PX701HD Home Projector. This guide provides setup instructions, connection details, projection specifications, and important compliance information.