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Optoma GT5600

Optoma GT5600 Ultra Short Throw Gaming and Movie Projector Instruction Manual

Model: GT5600 | Brand: Optoma

1. Introduction and Overview

The Optoma GT5600 is an Ultra Short Throw projector designed for home entertainment, offering a large 100-inch 1080p image from a short distance. It features 3,600 lumens for ambient lighting conditions and a 20,000:1 contrast ratio for deep black levels. The projector supports easy setup with auto keystone and four-corner correction, and includes robust input options such as HDMI, VGA, and RJ-45. It also features a built-in 16-watt speaker and a PC-free media player.
Key features include:

- **Ultra-Short Throw Lens:** Projects a 100-inch diagonal image from inches away.
- **High Brightness:** 3,600 lumens for clear images in various lighting.
- **1080p Resolution:** Delivers sharp, detailed visuals.
- **Auto Keystone & Four-Corner Correction:** Simplifies image alignment.
- **Full 3D Support:** Compatible with 1080p 3D content from various sources (3D glasses required).
- **Screen Mirroring:** Connects with iOS or Android mobile devices via USB.
- **Long Lamp Life:** Up to 15,000 hours of lamp life.

2. Setup

Setting up the Optoma GT5600 Ultra Short Throw projector involves careful placement and image adjustment to achieve optimal viewing.

2.1 Placement

Due to its ultra-short throw lens, the projector can be placed very close to the projection surface (screen or wall). Ensure the projector is on a completely flat, stable surface, such as an entertainment stand or table. This is crucial for an even projected image, as the projector's 45-degree dispersion field can result in an uneven image if the surface is not flat.

2.2 Connections

Connect your media sources using the available input options:

- **HDMI:** For gaming consoles, video players, or other HDMI-compatible devices.
- **VGA:** For older computer connections.
- **USB:** For USB display (mirroring Android/iOS devices) or PC-free media playback from USB storage devices.
- **RJ-45:** For network connectivity.

2.3 Image Adjustment

The projector features automatic keystone sensors and four-corner correction for quick and trouble-free setup. If the projector is bumped, the image will automatically refocus. Manual adjustments can also be made for fine-tuning the image geometry.



Image: Optoma GT5600 projector in a living room setup, demonstrating its ultra-short throw capability to project a large image from a short distance.

3. Operating

The Optoma GT5600 offers various operating modes and features to enhance your viewing experience.

3.1 Power On/Off

Use the power button on the projector or the remote control to turn the unit on or off. Allow a few moments for the projector to warm up and display the image.

3.2 3D Content Playback

The GT5600 supports true 3D content from almost any 3D source, including 3D Blu-ray Disc players, 3D broadcasting, and the latest-generation game consoles. For optimal 3D viewing, compatible 3D DLP Link Glasses are required. The projector supports a 144Hz rapid-refresh rate for ultra-smooth, flicker-free 3D images.

3.3 Screen Mirroring

Enjoy content from iOS or Android mobile devices on the projected screen using USB display connectivity. For wireless screen mirroring, the Optoma HDCast Pro 1080p HDMI MHL Multimedia Stick (sold separately) and a WUSB adapter (sold separately) are required. This feature is compatible with Android, Mac OS, and Windows devices.

3.4 PC-Free Media Player

The integrated media player, image viewer, and document reader allow users to display office documents, PDFs, and images directly from micro SD cards and USB storage devices without needing a computer.

3.5 Audio

The projector includes a built-in 16-watt speaker for audio output. For enhanced audio, connect external speakers or a sound system via the available audio output ports.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Optoma GT5600 projector.

4.1 Lamp Life

The projector lamp has a life of up to 15,000 hours. This enables an average of 4 hours of viewing time every day for over 10 years. Regular cleaning of the air filter (if applicable) and ensuring proper ventilation can help maximize lamp life.

4.2 Cleaning

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses to gently clean the projector lens. Avoid abrasive materials or harsh chemicals.
- **Exterior:** Wipe the projector's exterior with a soft, dry cloth. Do not use liquid or aerosol cleaners directly on the unit.
- **Ventilation:** Ensure the air vents are clear of dust and obstructions to prevent overheating.

5. Troubleshooting

Here are answers to common questions regarding the Optoma GT5600 projector:

- **Is Ultra-Short Throw easy to set up?** An Ultra-Short Throw projector lens can achieve a large image from only inches away. Simply place the projector on a completely flat surface to ensure an even projected image. The dispersion field of the projector is 45 degrees, which can result in an uneven image if the projector is not on a flat surface, such as an entertainment stand or table.
- **What is the input lag of the projector?** The input lag is 49ms.
- **Does the projector support 1080p 120Hz?** No, it does not support 1080p 120Hz.
- **Does the projector support HDR?** No, the projector does not support HDR.
- **Does the projector support 3D?** Yes. 1080p 3D content is supported in Top/Bottom, Side by Side, Sequential (PC), and Frame Pack (Blu-ray).

6. Specifications

Feature	Specification
Brand	Optoma
Model Name	GT5600
Recommended Uses	Gaming
Connectivity Technology	USB, Wi-Fi
Display Resolution	1920 x 1080 (Native), 1920x1200 (Maximum)
Display Type	LCD
Brightness	3600 Lumens (ANSI)

Contrast Ratio	20000:1
Lamp Life	Up to 15,000 hours
Maximum Image Size	100 Inches
Minimum Image Size	80 Inches
Item Weight	8.7 Pounds
Item Dimensions (L x W x H)	15"L x 13.5"W x 3.8"H
What's in the Box	GT5600, AC power cord, remote control, batteries, quick start guide

7. Warranty and Support

The Optoma GT5600 projector comes with a 1-year limited parts and labor warranty. The lamp is covered by a 90-day warranty.
For further support, please refer to the quick start guide included in the box or visit the official Optoma support website.

8. Product Images



Image: Front view of the Optoma GT5600 projector, showcasing its compact design and lens placement.



Image: Side view of the Optoma GT5600 projector, emphasizing the unique design of the ultra-short throw lens.



Image: Rear panel of the Optoma GT5600 projector, detailing the HDMI, USB, VGA, and other connectivity options.

9. Official Product Videos

9.1 Optoma Award-Winning Projectors

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Video: An overview of Optoma's award-winning projector technology, highlighting various models and their features.

9.2 Optoma Home Projection Technology

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Video: Demonstrates the capabilities and benefits of Optoma's home projection technology for an immersive viewing experience.

9.3 Ultra-Short Throw GT5600 Buying Guide

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Video: A detailed guide on the Optoma GT5600, covering its features and what to consider when purchasing an ultra-short throw projector.

9.4 What is Ultra-Short Throw?

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Video: Explains the concept of ultra-short throw projection and its advantages for home entertainment setups.

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