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Vivitek D555

Vivitek D555 XGA DLP Portable Projector User Manual

Model: D555 (DP535-264VVUP)

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1. INTRODUCTION

This manual provides instructions for the Vivitek D555 XGA DLP Portable Projector. The D555 is designed for clear and vivid image projection, featuring XGA resolution, 3000 lumens brightness, and 3D readiness via DLP Link. It incorporates DLP and Brilliant Color technologies for enhanced visual performance and offers various connectivity options including HDMI v1.4.

2. SAFETY INFORMATION

- 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. The bright light can cause eye damage.
- Avoid placing the projector in direct sunlight, near heat sources, or in environments with high humidity or dust.
- 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 other liquids.
- Unplug the projector from the power outlet before cleaning or when not in use for extended periods.

3. PACKAGE CONTENTS

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

- Vivitek D555 Projector
- AC Power Cord
- VGA Cable
- Remote Control
- Batteries for Remote (AA x 2)

- User's Manual (on CD)

4. PRODUCT OVERVIEW

4.1 Front and Top View



Figure 4.1: Front and top view of the Vivitek D555 projector. This image shows the projector's lens, control panel on top, and the Vivitek logo.



Figure 4.2: Dimensions of the Vivitek D555 projector. The image indicates a width of 275 mm, a depth of 212 mm, and a height of 100 mm.

The front of the projector features the projection lens. The top panel includes the control buttons for power, menu navigation, source selection, and focus/zoom adjustments. The Vivitek logo is prominently displayed.

4.2 Rear Panel Connections



Figure 4.3: Rear panel of the Vivitek D555 projector showing various input and output ports. These include HDMI, dual VGA inputs, VGA output, S-Video, Composite Video, audio input/output, and a USB port.

The rear panel provides all necessary connection ports for video and audio sources. These include:

- **HDMI v1.4:** For digital video and audio input.
- **Computer In 1 (VGA):** D-Sub 15-pin input for computer connection.
- **Computer In 2 (VGA):** Second D-Sub 15-pin input for computer connection.
- **Computer Out (VGA):** D-Sub 15-pin output for monitor loop-through.
- **S-Video:** For S-Video input.
- **Video (Composite):** RCA jack for composite video input.
- **Audio In:** 3.5mm stereo mini-jack for audio input.
- **Audio Out:** 3.5mm stereo mini-jack for audio output.

- **USB (Type B):** For service or firmware updates.
- **AC Power Inlet:** For connecting the power cord.

5. SETUP

5.1 Projector Placement

Place the projector on a stable, flat surface or mount it securely. Ensure the projector is positioned at an appropriate distance from the screen to achieve the desired image size. The lens should be perpendicular to the screen for optimal image geometry.

5.2 Connecting to a Power Source

1. Connect the AC power cord to the projector's AC power inlet.
2. Plug the other end of the power cord into a grounded electrical outlet.

5.3 Connecting Video Sources

Choose the appropriate cable for your video source and connect it to the corresponding port on the projector's rear panel.

- **HDMI:** For high-definition digital sources like Blu-ray players, gaming consoles, or laptops.
- **VGA (Computer In 1/2):** For computers or other devices with VGA output.
- **S-Video/Composite Video:** For standard definition video sources like DVD players or VCRs.

For audio, connect an audio cable from your source to the projector's Audio In port, or use the HDMI connection which carries both video and audio.

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 twice. The projector will enter a cooling down cycle, and the power indicator will flash. Do not unplug the projector until the cooling cycle is complete and the power indicator light stops flashing.

6.2 Adjusting the Image

- **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 Correction function in the projector's OSD (On-Screen Display) menu to square the image.

6.3 Selecting an Input Source

Press the "Source" button on the projector or remote control to cycle through available input sources (HDMI, VGA1, VGA2, S-Video, Video).

6.4 3D Functionality

The Vivitek D555 is 3D-ready via DLP Link. To view 3D content:

1. Connect a 3D-compatible source (e.g., 3D Blu-Ray player) to the projector via HDMI.
2. Ensure your 3D content is playing.
3. Wear active DLP Link 3D glasses (sold separately). The projector will automatically detect the 3D signal and enable

3D mode.

7. MAINTENANCE

7.1 Cleaning the Projector

- Exterior:** Use a soft, lint-free cloth dampened with a mild cleaning solution to wipe the projector's casing. Do not use abrasive cleaners or solvents.
- Lens:** Use a lens cleaning cloth and lens cleaning solution specifically designed for optical surfaces. Avoid touching the lens with your fingers.
- Air Vents:** Regularly check and clean the air vents to prevent dust buildup, which can affect cooling and performance. Use a soft brush or compressed air.

7.2 Lamp Replacement

The projector lamp has a lifespan of up to 6,000 hours in Eco-mode. When the lamp reaches the end of its life, a warning message will appear, or the lamp indicator light will illuminate. Refer to the detailed instructions in the full user manual (on CD) for safe lamp replacement procedures. Always allow the projector to cool down completely before attempting lamp replacement.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cord not connected Projector not powered on Incorrect input source selected Video cable loose or disconnected	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 video cable connections at both the projector and source device.
Image is blurry	Lens out of focus 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 function in the OSD menu.
No audio	Volume too low or muted Audio cable not connected Incorrect audio source selected	Increase volume or unmute. Connect audio cable to the Audio In port (if not using HDMI audio). Ensure audio settings on source device are correct.

9. SPECIFICATIONS

Model Number	DP535-264VVUP (D555)
Brand	Vivitek
Display Technology	DLP
Native Resolution	XGA (1024 x 768)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	3000 Lumens
Contrast Ratio	15000:1

Lamp Life	Up to 6,000 hours (Eco-mode)
Connectivity	HDMI v1.4, Dual VGA In, VGA Out, S-Video, Composite Video, Audio In/Out, USB
Special Features	3D-Ready (DLP Link), Brilliant Color Technology
Product Dimensions	10.8 x 8.35 x 3.66 inches (275 x 212 x 100 mm)
Item Weight	5.1 pounds
Manufacturer	Vivitek Corp.
Batteries (for remote)	2 AA batteries (included)

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Vivitek website or the warranty card included with your product. Do not attempt to repair the projector yourself, as this may void your warranty. Contact Vivitek customer service for assistance with any issues not covered in the troubleshooting section.

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