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InFocus IN116

InFocus IN116 Portable DLP Projector User Manual

Model: IN116

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your InFocus IN116 Portable DLP Projector. Please read these instructions thoroughly before using the projector and retain them for future reference.

Package Contents

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

- InFocus IN116 Projector
- Power cord
- RGB cable
- A/V cable
- Safety instructions
- User manual (this document)
- Remote control
- HDMI cable

2. PRODUCT OVERVIEW

The InFocus IN116 is a portable DLP projector designed for various applications, offering a native WXGA (1280 x 800) resolution, 2700 ANSI lumens brightness, and a 3000:1 contrast ratio. It features 3D-ready capabilities and multiple input options for flexible connectivity.

Key Features

- WXGA (1280 x 800) Native Resolution
- 2700 ANSI Lumens (2200 lumens in Eco Mode)
- 3000:1 Contrast Ratio
- 3D-Ready functionality
- HDMI connectivity
- Long-lasting lamp for extended use
- Easy maintenance with no filters to replace

Projector Components



Image 1: Top View. This image displays the top of the InFocus IN116 projector, highlighting the control panel with buttons for power, menu, source selection, and navigation. The lens is visible at the front.



Image 2: Side View. This image shows the side of the InFocus IN116 projector, featuring prominent ventilation grilles for heat dissipation.



Image 3: Front View. This image presents the front of the InFocus IN116 projector, with the lens actively emitting light, indicating its operational state.



Image 4: Rear View (Connectivity Panel). This image details the rear panel of the InFocus IN116 projector, displaying various input and output ports including HDMI, VGA (Computer In 1 & 2, Computer Out), S-Video, Composite Video, Audio In/Out, RS232C, and Mini USB.

3. SETUP INSTRUCTIONS

Placement

Position the projector on a stable, flat surface or mount it securely. Ensure adequate ventilation around the unit to prevent overheating. The projector can be placed on a table, ceiling-mounted, or used for rear projection.

Connecting to a Power Source

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.

Connecting Video Sources

The IN116 projector offers multiple input options:

- **HDMI:** For digital video and audio. Connect an HDMI cable from your source device to the projector's HDMI port.
- **VGA (Computer In 1 & 2):** For analog computer signals. Use a VGA cable to connect your computer to either VGA input.
- **Composite Video:** For standard definition video. Connect a composite video cable (yellow RCA) to the projector's Video input.
- **S-Video:** For enhanced standard definition video. Connect an S-Video cable to the projector's S-Video port.

For audio, connect an audio cable from your source to the projector's Audio In (3.5mm stereo) port if using VGA, Composite, or S-Video. HDMI carries both video and audio.

4. OPERATING INSTRUCTIONS

Powering On/Off

1. To power on, press the **Power** button on the projector's control panel or the remote control. The power indicator light will illuminate.
2. To power off, press the **Power** button twice. The projector will enter a cooling cycle before shutting down completely.

Selecting an Input Source

Press the **Source** button on the projector or remote control to cycle through available input sources (HDMI, VGA1, VGA2, Video, S-Video). The projector will automatically detect an active signal.

Adjusting the Image

- **Focus:** Rotate the focus ring on the projector lens until the image is sharp and clear.
- **Zoom:** Adjust the zoom ring on the projector lens to change the image size.
- **Keystone Correction:** If the image appears trapezoidal, use the keystone correction function (usually found in the OSD menu or via dedicated buttons on the remote) to square the image.
- **Picture Modes:** The projector offers various picture modes (e.g., Presentation, Bright, Movie, Eco Mode). Access these through the OSD menu to optimize image quality for different environments.

Eco Mode

Activate Eco Mode to extend lamp life and reduce power consumption. This mode is ideal for environments with lower ambient light. The lamp life is approximately 6,000 hours in Eco Mode, compared to 5,000 hours in normal mode.

3D Functionality

The InFocus IN116 is 3D-ready and supports 3D content from compatible sources, including Blu-ray players. To view 3D content, you will need compatible 3D glasses and a 3D-enabled source device. Refer to your 3D source device's manual for specific setup instructions.

Your browser does not support the video tag.

Video 1: InFocus IN110xv Series Overview. This video provides a general overview of the InFocus IN110xv series projectors, which includes the IN116 model. It highlights features such as lamp life, resolution options (including WXGA for IN116), brightness, vivid color technology, and 3D readiness. This video is provided by InFocus Corporation.

5. MAINTENANCE

Lamp Replacement

The projector lamp has a limited lifespan. When the lamp indicator light illuminates or the image brightness significantly decreases, it's time to replace the lamp. The lamp door is conveniently located on top of the projector for easy access, even when ceiling-mounted.

1. Power off the projector and disconnect the power cord.
2. Allow the projector to cool down completely (at least 30 minutes).
3. Locate and open the lamp door on the top of the projector.
4. Carefully remove the old lamp module.
5. Install the new lamp module, ensuring it is securely seated.
6. Close the lamp door and reconnect the power cord.
7. Reset the lamp timer in the projector's OSD menu.

Caution: Projector lamps operate at high temperatures and pressures. Handle with care. In rare cases, lamps can explode. Always wear protective eyewear when replacing a lamp.

Cleaning

- **Exterior:** Use a soft, damp cloth to clean the projector's exterior. 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.

- **Filters:** The InFocus IN116 projector is designed to operate without user-replaceable filters, simplifying maintenance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	<ul style="list-style-type: none">◦ Power cord disconnected◦ Projector not powered on◦ Incorrect input source selected◦ Video cable loose or faulty	<ul style="list-style-type: none">◦ Check power connections.◦ Press the Power button.◦ Press the Source button to select the correct input.◦ Ensure video cables are securely connected. Try a different cable.
Image is blurry	<ul style="list-style-type: none">◦ Lens out of focus◦ Projector too close/far from screen	<ul style="list-style-type: none">◦ Adjust the focus ring on the lens.◦ Adjust the zoom ring or reposition the projector.
Projector overheats and shuts down	<ul style="list-style-type: none">◦ Blocked ventilation◦ High ambient temperature	<ul style="list-style-type: none">◦ Ensure clear airflow around the projector.◦ Operate in a cooler environment.
HDMI picture has a blue tint	<ul style="list-style-type: none">◦ HDMI signal issue	<ul style="list-style-type: none">◦ Turn the projector off and on again.◦ If the issue persists, fully unplug the projector from power and then reconnect.

7. SPECIFICATIONS

Feature	Detail
Model Number	IN116
Display Technology	DLP
Native Resolution	WXGA (1280 x 800)
Brightness	2700 ANSI Lumens (2200 lumens Eco Mode)
Contrast Ratio	3000:1
Lamp Life (Normal/Eco)	5,000 hours / 6,000 hours
Connectivity Technology	HDMI, VGA (x2), Composite Video, S-Video, Audio In (3.5mm), Audio Out (3.5mm), RS232C, USB B Mini
Special Feature	3D-Ready
Product Dimensions	12.75 x 12.75 x 5.5 inches

Feature	Detail
Item Weight	4.78 pounds (2.17 kg)
Manufacturer	Infocus
Date First Available	May 1, 2011

8. WARRANTY AND SUPPORT

Limited Warranty

All new DLP projectors from InFocus, including the IN116, are backed by a comprehensive limited warranty:

- **Projector:** 5-year limited warranty
- **Parts & Labor:** 2-year full warranty
- **Lamp:** 6-month warranty

For detailed terms and conditions of the warranty, please refer to the official InFocus website or contact customer support.

Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact InFocus customer support. Visit the official InFocus website for contact information and additional resources.

Official Website: www.infocus.com