

## InFocus IN5312A

# InFocus IN5312A Projector Instruction Manual

Model: IN5312A

## 1. PRODUCT OVERVIEW

The InFocus IN5312A is a versatile projector designed for various environments, including large classrooms and conference rooms. It offers high-quality DLP imaging, brightness, and flexible connectivity options.

### Key Features:

- **Versatile Application:** Suitable for diverse settings due to its range of connectivity, multiple lens options, and compact design.
- **Superior Image Quality:** Delivers stunning DLP image quality, high brightness, and operational flexibility.
- **Extensive Connectivity:** Features multiple input and output ports for broad compatibility with various devices.
- **3D Ready:** Supports 3D content from PCs, Blu-Ray players, and cable boxes. Requires DLP Link 3D glasses (sold separately).

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- InFocus IN5312A Projector
- Power Cable
- Remote Control (with batteries)
- VGA Cable
- User Manual (this document)

## 3. PROJECTOR COMPONENTS



**Figure 3.1: Front View.** This image displays the front of the InFocus IN5312A projector, highlighting the central projection lens and the ventilation grilles on either side.



**Figure 3.2: Rear View with Connectivity Ports.** This image shows the back panel of the projector, detailing the array of audio, video, and data input/output ports, including HDMI, VGA, DisplayPort, and various RCA connections.



**Figure 3.3: Top View with Control Panel.** This image presents the top surface of the projector, featuring the integrated control panel with buttons for navigation, menu access, and power.

## Connectivity Ports:

- **Audio:** 3.5mm stereo audio x2, RCA R&L x2
- **Video:** HDMI 1.4, DisplayPort, Composite video, S-video, VGA x2, DVI-D, RGBHV 5 BN, Component RCA x3
- **Data/Control:** USB, RJ45 (Ethernet), Serial

## 4. SETUP INSTRUCTIONS

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### 4.1 Projector Placement

Position the projector on a stable, flat surface or mount it securely to a ceiling. Ensure adequate ventilation around the projector to prevent overheating. The distance from the screen will determine the image size; refer to the projector's throw distance calculator for optimal placement.

### 4.2 Power Connection

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

## 4.3 Connecting Input Sources

Connect your video source (e.g., laptop, Blu-ray player, gaming console) to the appropriate input port on the projector using a compatible cable (HDMI, VGA, DisplayPort, etc.).

- For HDMI connection: Use an HDMI cable to connect your device to the projector's HDMI port.
- For VGA connection: Use a VGA cable to connect your device to one of the projector's VGA ports.
- For audio: Connect audio cables to the 3.5mm audio input or RCA audio inputs as needed.

## 5. OPERATING INSTRUCTIONS

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### 5.1 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 again. A confirmation message may appear; press Power again to confirm shutdown. Allow the projector to cool down before unplugging.

### 5.2 Selecting Input Source

After powering on, the projector may automatically detect an active input source. If not, or to switch sources:

- Press the "Source" or "Input" button on the control panel or remote control.
- Use the arrow keys to navigate through the available input options (HDMI, VGA, DisplayPort, etc.).
- Press "Enter" or "OK" to select the desired source.

### 5.3 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 (usually found in the projector's OSD menu or via dedicated buttons on the remote) to square the image.
- **Menu Navigation:** Use the "Menu" button to access settings for brightness, contrast, color, aspect ratio, and other advanced options. Use arrow keys to navigate and "Enter" to select.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your projector.

### 6.1 Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners or excessive force, as this can scratch the lens.

### 6.2 Air Filter Maintenance

The projector's air filter prevents dust from entering and damaging internal components. Check and clean the air filter regularly (e.g., every 100-200 hours of operation) or when prompted by the projector.

1. Locate the air filter cover (refer to the projector diagram in Section 3).
2. Remove the cover and carefully extract the filter.
3. Clean the filter using a soft brush or a vacuum cleaner with a brush attachment. Do not wash the filter with water.
4. Reinsert the clean filter and replace the cover securely.

### 6.3 Lamp Replacement

The projector lamp has a finite lifespan. When the lamp life indicator appears or the image becomes dim, the lamp needs replacement. Always use an authorized InFocus replacement lamp.

1. Power off the projector and unplug it from the power outlet. Allow it to cool completely (at least 30 minutes).
2. Locate the lamp cover (refer to the projector diagram).
3. Unscrew the lamp cover and carefully remove it.
4. Unscrew the screws holding the lamp module in place and gently pull out the old lamp.
5. Insert the new lamp module, ensuring it is seated correctly, and secure it with screws.
6. Replace the lamp cover and secure it.
7. Reset the lamp timer in the projector's OSD menu.

**Warning: Do not touch the lamp glass directly with bare hands. Oils from your skin can reduce lamp life. Always allow the projector to cool down before performing any maintenance.**

### 7. TROUBLESHOOTING

This section addresses common issues you might encounter with your InFocus IN5312A projector.

Problem	Possible Cause	Solution
No image on screen	<ul style="list-style-type: none"><li>• Power cable not connected</li><li>• Input source not selected</li><li>• Source device not powered on or outputting signal</li><li>• Lens cap is on</li></ul>	<ul style="list-style-type: none"><li>• Ensure power cable is securely connected and projector is powered on.</li><li>• Select the correct input source using the "Source" button.</li><li>• Verify the source device is on and configured to output video.</li><li>• Remove the lens cap.</li></ul>
Image is blurry	<ul style="list-style-type: none"><li>• Lens focus not adjusted</li><li>• Projector or screen is not aligned</li></ul>	<ul style="list-style-type: none"><li>• Adjust the focus ring on the lens.</li><li>• Ensure the projector is perpendicular to the screen. Use keystone correction if necessary.</li></ul>
No sound	<ul style="list-style-type: none"><li>• Audio cable not connected</li><li>• Volume too low or muted</li><li>• Incorrect audio input selected</li></ul>	<ul style="list-style-type: none"><li>• Connect audio cables if using separate audio input.</li><li>• Increase volume or unmute using the remote or OSD menu.</li><li>• Ensure the correct audio input is selected.</li></ul>
Projector overheats and shuts down	<ul style="list-style-type: none"><li>• Blocked air vents</li><li>• Dirty air filter</li></ul>	<ul style="list-style-type: none"><li>• Ensure nothing is blocking the air intake or exhaust vents.</li><li>• Clean or replace the air filter as described in Section 6.2.</li></ul>

### 8. SPECIFICATIONS

Feature	Detail
Model Number	IN5312A
Display Resolution	1024 x 768 (XGA)

Feature	Detail
Product Dimensions	13.31 x 16.93 x 6.89 inches
Item Weight	18.92 pounds
Connectivity Technology	Display Port, HDMI, VGA, Composite, S-Video, DVI-D, RCA
Special Feature	Portable, 3D Ready
Recommended Uses	Indoor/Outdoor
Manufacturer	InFocus
Date First Available	February 25, 2013

## 9. WARRANTY AND SUPPORT

### 9.1 Product Warranty

The InFocus IN5312A Projector is covered by a **2-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### 9.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact InFocus customer support. Refer to the official InFocus website for the most current contact information.

**Note:** InFocus is committed to providing direct and efficient customer service, aiming to offer solutions without navigating complex phone trees or voicemail systems.