InFocus LP120

InFocus LP120 Mobile DLP Video Projector User Manual

Model: LP120

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your InFocus LP120 Mobile DLP Video Projector. Please read this manual thoroughly before operating the projector and retain it for future reference.

The InFocus LP120 is a compact and powerful mobile projector designed for business presentations. Its lightweight design allows for easy portability, fitting conveniently alongside your laptop. Key features include a 7-language interactive display, XGA 1024x768 native resolution, optical zoom, simple focus, dual infrared sensors, and support for front and rear projection methods. It can project image sizes from 33 to 143 inches diagonally, offers a one-touch simplified keypad, 1100 lumens brightness, a 1-watt speaker, and color-coded connections for ease of use.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent damage to the projector and ensure user safety:

- Do not block the ventilation openings. Ensure adequate airflow around the projector.

- Do not look directly into the projector lens when the lamp is on. The bright light can damage your eyes.

- Use only the power cord supplied with the projector.

- Do not expose the projector to rain or moisture to reduce the risk of fire or electric shock.

- Refer all servicing to qualified service personnel.

- Avoid placing the projector on unstable surfaces.

3. PACKAGE CONTENTS

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

- InFocus LP120 Mobile Projector

- Wireless Interlink Presenter remote control (including batteries)

- 3-meter power cord

- 2-meter M1-A analog computer cable with USB

- 1.8-meter S-video cable

- S-video-to-RCA video input adapter

- 1.8-meter audio cable

- Audio cable adapter

- Projection lamp module

- Color-coded cable ties

- 3-set protective sleeve

- Accessory pouch

- Projector system CD (includes multi-language user's guide, ProjectorManager control software)

- Quick Setup Guide

- Tethered lens cap

- User's guide (printed version)

- Safety instructions/warnings

4. PRODUCT OVERVIEW

4.1 Top Panel Controls

The top panel features backlit controls for easy operation, even in low-light conditions.

Figure 4.1: Top view of the InFocus LP120 projector, highlighting the control panel. Buttons include Power, Auto Image, Keystone, Menu, Select, Volume, Source, and Presets. The display screen is visible above the controls.

4.2 Rear Panel Connections

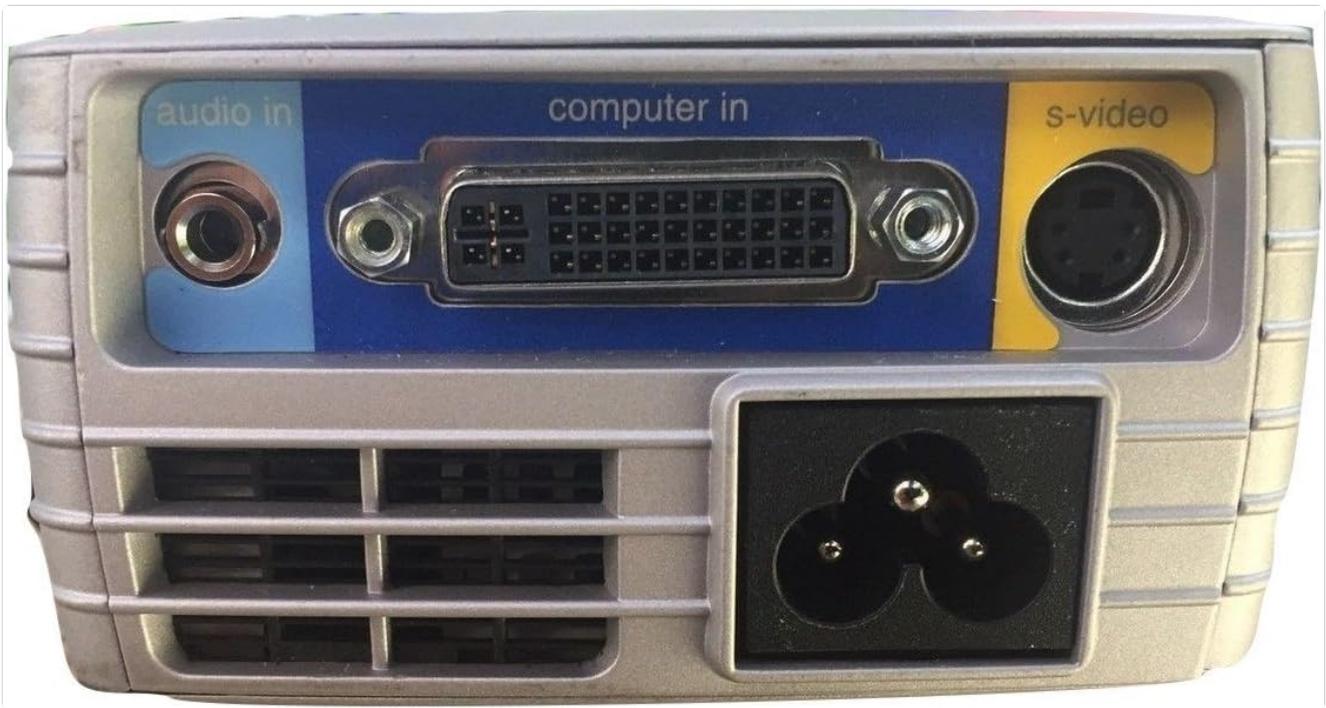The rear panel provides color-coded input ports for various connections.

Figure 4.2: Rear view of the InFocus LP120 projector, displaying the input panel. From left to right, there are color-coded ports for Audio In (blue), Computer In (M1-DA, blue), S-Video (yellow), and the AC power input.

4.3 Side View and Ventilation

The side of the projector features ventilation grilles to ensure proper cooling during operation.

Figure 4.3: Side view of the InFocus LP120 projector, illustrating the ventilation grilles crucial for heat dissipation and maintaining optimal operating temperature. The InFocus brand logo is visible on the side casing.

4.4 Front View

The front of the projector houses the projection lens and additional ventilation.

Figure 4.4: Front view of the InFocus LP120 projector, displaying the projection lens on the left and the front ventilation grille on the right.

5. SETUP

5.1 Connecting to a Computer

1. Connect the M1-A analog computer cable with USB to the 'computer in' port on the projector (refer to Figure 4.2).

2. Connect the other end of the M1-A cable to your computer's VGA port and a USB port.

3. For audio, connect the audio cable from your computer's audio output to the 'audio in' port on the projector.

5.2 Connecting to a Video Source (S-Video/RCA)

1. For S-Video, connect the S-video cable to the 's-video' port on the projector (refer to Figure 4.2) and to your video source.

2. For RCA composite video, use the S-video-to-RCA video input adapter with the S-video cable. Connect the RCA end to your video source.

3. Connect the audio cable from your video source to the 'audio in' port on the projector.

5.3 Power Connection

1. Connect the power cord to the power input on the rear of the projector (refer to Figure 4.2).

2. Plug the other end of the power cord into a suitable electrical outlet.

5.4 Positioning the Projector

Place the projector on a stable, flat surface. Ensure there is adequate space around the projector for ventilation. The projector can project images from 4.5 to 14 feet away, producing a diagonal image size between 33 and 143 inches.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

- To power on, press the **Power** button on the top panel or the remote control.

- To power off, press the **Power** button again. The projector will go through a cool-down cycle before completely shutting down. Do not unplug the projector during this cycle.

6.2 Adjusting the Image

- **Focus:** Rotate the focus ring on the lens to sharpen the image.

- **Zoom:** Use the optical zoom control (if available on the lens) or the digital zoom function via the menu to adjust image size.

- **Keystone Correction:** Use the **Keystone** buttons on the top panel or remote to correct trapezoidal distortion if the projector is not perfectly perpendicular to the screen.

- **Auto Image:** Press the **Auto Image** button for automatic image optimization.

6.3 Selecting Input Source

Press the **Source** button on the top panel or remote control to cycle through available input sources (Computer, S-Video, etc.).

6.4 Audio Adjustment

Use the **Volume Up** and **Volume Down** buttons on the top panel or remote control to adjust the audio output from the built-in 1-watt speaker.

7. MAINTENANCE

7.1 Cleaning the Projector

- **Exterior:** Use a soft, lint-free cloth slightly dampened with water to clean the projector's exterior. Avoid abrasive cleaners.

- **Lens:** Use a lens cleaning cloth and lens cleaning solution specifically designed for optical surfaces. Do not use abrasive materials.

- **Ventilation:** Periodically check and clean the ventilation grilles to ensure unobstructed airflow. Use a soft brush or compressed air to remove dust.

7.2 Lamp Replacement

The projection lamp module is a consumable item and will require replacement over time. Refer to the ProjectorManager control software or the on-screen menu for lamp life status. Always use an official InFocus replacement lamp module. Consult the detailed user's guide on the provided CD for specific lamp replacement instructions.
Warning: Allow the projector to cool down completely before attempting to replace the lamp. The lamp can be extremely hot.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No image displayed	- Power cord not connected - Incorrect input source selected - Computer display output not active	- Ensure power cord is securely connected. - Press the **Source** button to select the correct input. - On your computer, activate the external display output (e.g., Fn + F5/F7/F8).
Image is blurry	- Lens out of focus - Projector too close/far from screen	- Adjust the focus ring on the lens. - Adjust the projector's distance from the screen or use the zoom function.
Image is trapezoidal	Projector not perpendicular to screen	- Use the **Keystone** correction buttons to adjust. - Reposition the projector to be more directly aligned with the screen.
No audio	- Audio cable not connected - Volume too low - Computer/source audio muted	- Ensure audio cable is securely connected to the 'audio in' port. - Increase volume using the projector's volume buttons or remote. - Check audio settings on your computer or video source.
"Lamp Did Not Strike" error	- Lamp door not closed properly - Lamp module faulty or loose	- Ensure the lamp door is securely closed. - Carefully reseat the lamp module. If the issue persists, the lamp may need replacement.

9. SPECIFICATIONS

Model Number	LP120
Display Technology	DLP
Native Resolution	XGA (1024 x 768)
Brightness	1100 ANSI Lumens
Contrast Ratio	2000:1
Image Size (Diagonal)	33" to 143"
Projection Distance	4.5 to 14 feet

Aspect Ratio	4:3 (Native)
Connectivity	M1-DA (VGA/USB), S-Video, RCA Composite (via adapter), Audio In
Audio	1-watt speaker
Product Dimensions (HxLxW)	2.05 x 9.75 x 3.69 inches (approx.)
Item Weight	1.98 pounds
Special Features	7-language interactive display, Optical Zoom, Simple Focus, Dual Infrared Sensors, Front/Rear Projection Methods, One-touch Simplified Keypad, Backlit Top-panel Controls