Fenton 103.076

Fenton HD-PRO 2800 Lumen LED Projector User Manual

Model: 103.076

1. INTRODUCTION

The Fenton HD-PRO 2800 Lumen LED Projector is a compact device featuring LED technology and a 1080p HD decoder. It is designed to transform your viewing experience by connecting to various video sources such as computers, gaming consoles, or media players. The projector also supports direct playback of movies, music, photos, and text files from a USB drive. Key features include Keystone correction, a 3.5mm headphone output, and integrated speakers.

Image 1.1: Angled view of the Fenton HD-PRO LED Projector, showcasing its compact design and lens.

2. SAFETY INFORMATION

Please read and follow all safety instructions to prevent injury or damage to the projector.

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not expose the projector to rain or moisture to avoid electric shock or fire.
- Avoid looking directly into the projector lens when the lamp is on, as the bright light can cause eye strain.
- Use only the power adapter supplied with the projector.
- Do not attempt to disassemble or modify the projector. Refer all servicing to qualified personnel.
- Keep the projector away from heat sources and direct sunlight.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fenton HD-PRO LED Projector
- Remote Control
- Power Cable
- User Manual (this document)

4. PRODUCT OVERVIEW

4.1 Rear Panel Connections

Image 4.1: Rear panel of the Fenton HD-PRO projector with input/output ports.

1. **L-OUT** / **R-OUT:** Audio Left/Right Output (RCA)
2. **Y** / **Pr** / **Pb:** Component Video Input
3. **USB1** / **USB2:** USB Ports for media playback
4. **R-IN** / **L-IN:** Audio Left/Right Input (RCA)
5. **AV:** Composite Video Input
6. **VGA:** VGA Input for computers
7. **HDMI1** / **HDMI2:** HDMI Inputs

8. **Power Switch:** Main power toggle

9. **Power Input:** AC power cable connection

10. **Keystone Adjustment:** Manual keystone correction dial

4.2 Top Panel Controls

Image 4.2: Top panel controls of the Fenton HD-PRO projector.

- **Power Button:** Turns the projector on or off.
- **Menu Button:** Accesses the on-screen display (OSD) menu.
- **Source Button:** Selects the input source (HDMI, VGA, USB, AV).
- **OK Button:** Confirms selections in the menu.
- **Navigation Arrows (Up/Down/Left/Right):** Navigates through menu options and adjusts settings.
- **Volume Buttons:** Adjusts the audio output level.

4.3 Remote Control

| Info | PIC. | Audio | Zoom |

| Rep. | AB | Aud.T | Subt. |

| ▶❙❙ | ■ | Goto | USB |

| ◀◀ | ▶▶ | ❙◀◀ | ▶▶❙ |

S R

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◀ OK ▶

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M Exit

+ Flip +
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7	8	9
-/--	0	↺

Image 4.3: Remote control for the Fenton HD-PRO projector.

The remote control provides full functionality for operating the projector from a distance. It includes buttons for power, source selection, menu navigation, volume control, playback controls, and more.

5. SETUP

5.1 Power Connection

1. Connect the power cable to the Power Input port on the rear of the projector.
2. Plug the other end of the power cable into a suitable electrical outlet.
3. Toggle the Power Switch on the rear panel to the 'ON' position.

5.2 Projector Placement and Focus

- Place the projector on a stable, flat surface. It can be positioned for front or rear projection.
- Adjust the projection angle and distance to achieve the desired screen size.
- Rotate the focus ring on the lens to sharpen the image.
- Use the Keystone Adjustment dial on the rear panel to correct any trapezoidal distortion of the image (up to 15 degrees).

5.3 Connecting External Devices

The projector supports multiple input sources:

- **HDMI:** Connect HDMI-enabled devices (e.g., Blu-ray players, gaming consoles, laptops) to the HDMI1 or HDMI2 ports.
- **VGA:** Connect computers or laptops using a VGA cable to the VGA port.
- **AV (Composite Video):** Connect older devices using RCA cables to the AV input.
- **USB:** Insert a USB flash drive into the USB1 or USB2 ports for direct media playback.
- **Audio Output:** Connect external speakers or headphones to the 3.5mm audio output jack (not explicitly shown but mentioned in description as headphone output).

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the Power button on the projector's top panel or on the remote control to turn the unit on or off.

6.2 Source Selection

Press the 'Source' button on the projector or remote control to cycle through available input sources (HDMI1, HDMI2, VGA, AV, USB).

6.3 Menu Navigation

Press the 'Menu' button to access the projector's settings. Use the navigation arrows to move between options and 'OK' to confirm selections. Press 'Menu' again or 'Exit' on the remote to close the menu.

6.4 Media Playback via USB

Insert a USB flash drive into one of the USB ports. Select 'USB' as the input source. The projector's media browser will appear, allowing you to select and play supported files (MPEG4, MP4, MPEG-2, MPEG-1, Xvid, Avi for video; MP3, M4A, AAC for audio; JPEG, BMP for images; TXT for text).

6.5 Audio Control

Adjust the volume using the Volume buttons on the projector's top panel or the 'VOL +/-' buttons on the remote control. The projector has integrated 10W speakers.

6.6 Zoom Function

Use the 'Zoom' button on the remote control to digitally adjust the image size.

7. MAINTENANCE

7.1 Cleaning the Projector

- **Lens:** Gently wipe the lens with a soft, lint-free cloth specifically designed for optical surfaces. Do not use abrasive cleaners.
- **Casing:** Wipe the projector casing with a soft, dry cloth. For stubborn marks, use a slightly damp cloth and then dry thoroughly.
- **Ventilation Vents:** Periodically clean the ventilation vents to prevent dust buildup, which can affect performance and lifespan. Use a soft brush or compressed air.

7.2 Lamp Life

The LED lamp in the Fenton HD-PRO projector has an estimated lifespan of 50,000 hours, providing long-term, reliable operation without frequent lamp replacement.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Incorrect input source selected; Device not connected properly.	Check power connection; Select correct input source using 'Source' button; Ensure HDMI/VGA/AV cables are securely connected.
No sound	Volume too low or muted; External audio device not connected; Source device audio settings.	Increase volume; Check if external speakers are connected and powered; Verify audio output settings on the source device.
Image is blurry	Focus not adjusted; Projector too close/far from screen.	Adjust the focus ring on the lens; Reposition the projector for optimal distance.
Image is trapezoidal	Projector not perpendicular to screen.	Adjust the Keystone Correction dial on the rear panel.
Remote control not working	Batteries depleted; Obstruction between remote and projector; Remote not pointed at IR receiver.	Replace batteries; Remove any obstructions; Point remote directly at the projector's IR receiver.

9. SPECIFICATIONS

Feature	Specification
Model Number	103.076
Brightness	2800 Lumens
Native Resolution	1280 x 800
Aspect Ratio	16:9 / 4:3
Contrast Ratio	1500:1
Lamp Type	LED
Lamp Life	50,000 hours
Keystone Correction	Manual, 15 degrees
Connectivity	HDMI (x2), USB (x2), VGA, AV (Composite), Component (Y/Pr/Pb)
Audio Output	3.5mm Headphone Jack, RCA L/R Out
Built-in Speakers	10 Watts (Max Output)
Supported Audio Formats	MP3, M4A, AAC
Supported Video Formats	MPEG4, MP4, MPEG-2, MPEG-1, Xvid, Avi
Supported Image Formats	JPEG, BMP
Supported Text Formats	TXT
Control Method	Remote Control, On-device buttons
Power Source	Electric Cable

10. WARRANTY AND SUPPORT

This product comes with a standard warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or service inquiries, please contact the manufacturer or your authorized dealer.