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› Merkury Innovations Lumense One Projector MI-PRJ01-101 User Manual

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Merkury Innovations Lumense One Projector MI-PRJ01-101 User Manual

Model: MI-PRJ01-101

1. INTRODUCTION

The Merkury Innovations Lumense One Projector MI-PRJ01-101 is a compact and portable device designed for displaying various media content. It features an internal 2.5-inch LCD display, 150 ANSI lumens brightness, and supports up to 16.7 million colors. This projector is suitable for displaying movies, video games, presentations, and slide shows from multiple input sources. Its compact and lightweight design makes it convenient for travel.



Figure 1: Front view of the MerkurY Innovations Lumense One Projector retail box. This image displays the product name, key features like 150-inch screen display, 16.7 million colors, and its use for videos, gaming, and presentations.

2. WHAT'S IN THE BOX

Verify that all components are present in the package:

- Lumense One Projector
- Power Adapter (DC 12V 2A)
- 1-to-3 AV Cable
- Remote Control (requires 2 AAA batteries, not included)

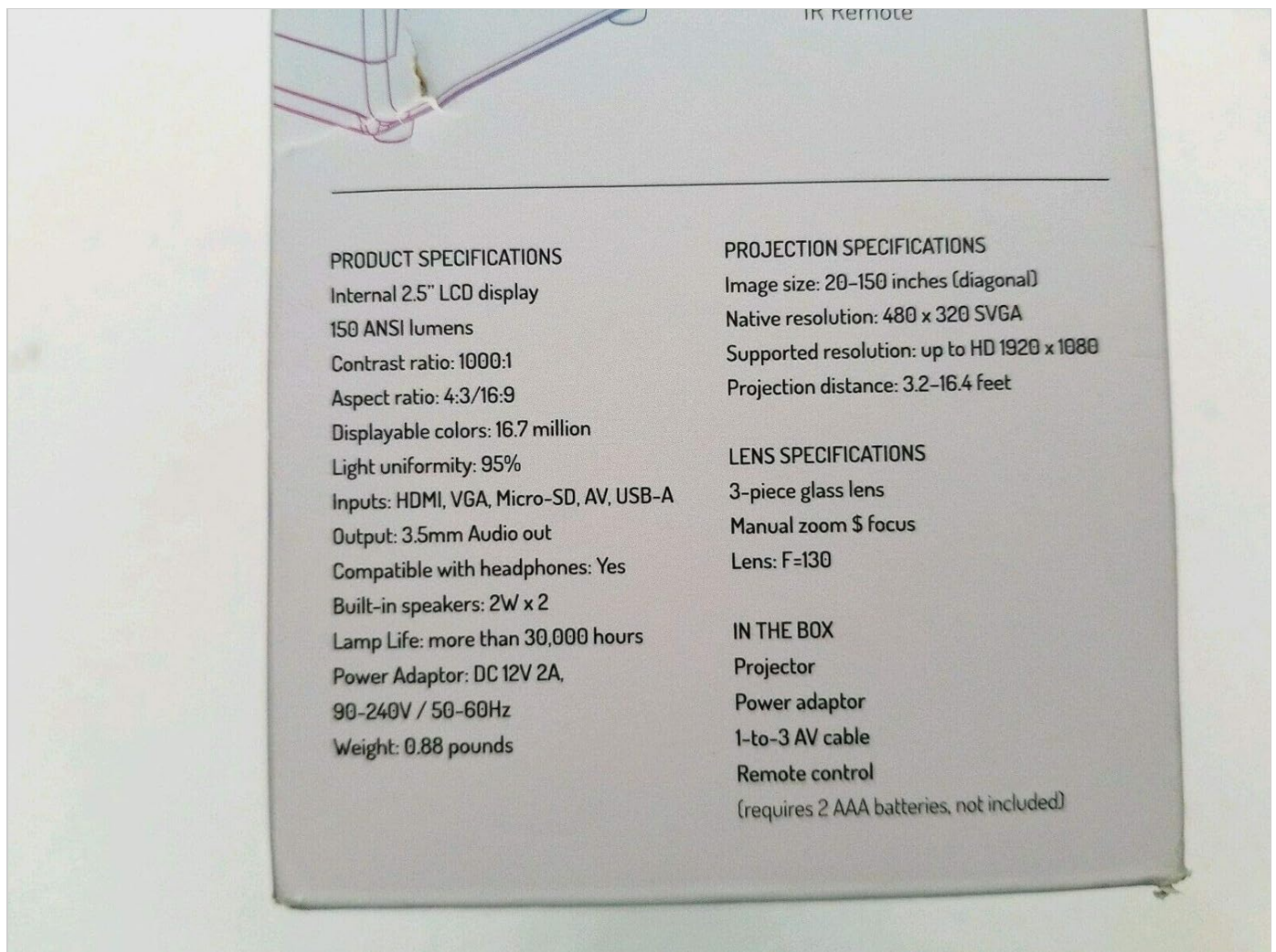


Figure 2: Side panel of the product box, detailing the package contents and technical specifications.

3. SETUP

3.1 Power Connection

1. Connect the power adapter to the projector's DC 12V input port.
2. Plug the power adapter into a standard electrical outlet (90-240V / 50-60Hz).

3.2 Input Source Connection

The projector supports multiple input sources:

- **HDMI:** Connect an HDMI cable from your source device (e.g., laptop, gaming console) to the projector's HDMI port.
- **USB:** Insert a USB drive into the USB-A port for media playback.
- **VGA:** Connect a VGA cable from your computer to the projector's VGA/SVGA D-Sub port.
- **AV:** Use the provided 1-to-3 AV cable to connect to devices with composite video and stereo audio outputs.
- **Micro-SD:** Insert a Micro-SD card into the designated slot for media playback.

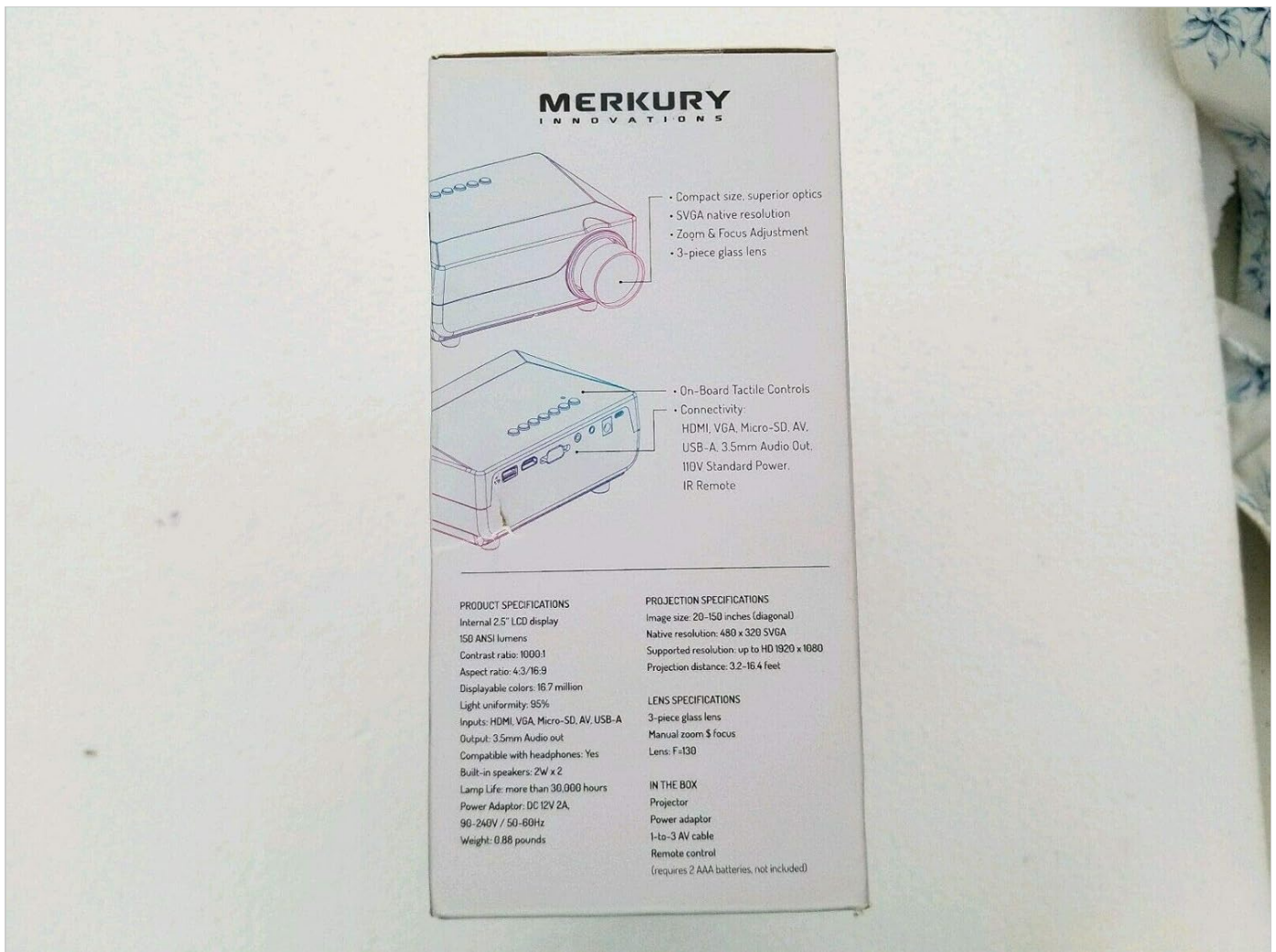


Figure 3: Top-down view of the projector, highlighting the various input and output ports available for connectivity.

3.3 Projector Placement and Focus

- Place the projector on a stable, flat surface (table mount) at a suitable distance from the projection screen or wall. The optimal projection distance ranges from 3.2 to 16.4 feet for an image size of 20 to 150 inches (diagonal).
- Adjust the manual zoom and focus ring on the lens until the projected image is clear and sharp.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button on the projector or the remote control to turn the unit on or off.

4.2 Selecting Input Source

Use the "Source" button on the remote control or the projector's control panel to cycle through available input sources (HDMI, USB, VGA, AV, Micro-SD) and select the desired one.

4.3 Audio Output

The projector has built-in 2W x 2 speakers. For external audio, connect headphones or external speakers to the 3.5mm audio out port.

5. MAINTENANCE

5.1 Cleaning

- Ensure the projector is powered off and unplugged before cleaning.
- Use a soft, dry cloth to wipe the exterior of the projector.
- For the lens, use a lens cleaning cloth and specialized lens cleaning solution to avoid scratches.
- Do not use abrasive cleaners or solvents.

5.2 Lamp Life

The projector lamp has a life expectancy of more than 30,000 hours under normal operating conditions.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image displayed	<ul style="list-style-type: none">• Power not connected• Incorrect input source selected• Input cable loose or faulty	<ul style="list-style-type: none">• Ensure power adapter is securely connected and plugged in.• Select the correct input source using the "Source" button.• Check all input cables for secure connection and replace if necessary.
Image is blurry	<ul style="list-style-type: none">• Focus not adjusted• Projector too close/far from screen	<ul style="list-style-type: none">• Adjust the manual focus ring on the lens.• Reposition the projector within the recommended projection distance (3.2-16.4 feet).
No sound	<ul style="list-style-type: none">• Volume too low• External audio device not connected properly	<ul style="list-style-type: none">• Increase the volume using the remote control or projector buttons.• Ensure external speakers/headphones are correctly plugged into the 3.5mm audio out port.

7. SPECIFICATIONS

Feature	Detail
Model	Lumense One (MI-PRJ01-101)
Display Technology	Internal 2.5" LCD display
Brightness	150 ANSI lumens
Contrast Ratio	1000:1
Aspect Ratio	4:3 / 16:9
Displayable Colors	16.7 million
Light Uniformity	95%
Native Resolution	480 x 320 SVGA
Supported Resolution	Up to HD 1920 x 1080
Image Size (Diagonal)	20-150 inches

Feature	Detail
Projection Distance	3.2 - 16.4 feet
Lens	3-piece glass lens, Manual zoom & focus, F=130
Input Ports	HDMI, VGA/SVGA D-Sub, Micro-SD, AV, USB-A
Output Port	3.5mm Audio out (compatible with headphones)
Built-in Speakers	2W x 2
Lamp Life	> 30,000 hours
Power Adapter	DC 12V 2A
Power Input	90-240V / 50-60Hz
Weight	0.88 pounds (approx. 399g)
Form Factor	Portable
Mounting Type	Table Mount

8. WARRANTY AND SUPPORT

For product support, additional information, or to explore the full selection of Mercury Innovations products, please visit the official website:

www.merkuryinnovations.com

Specific warranty details are not provided in this manual. Please refer to the product packaging or the official Mercury Innovations website for warranty information.

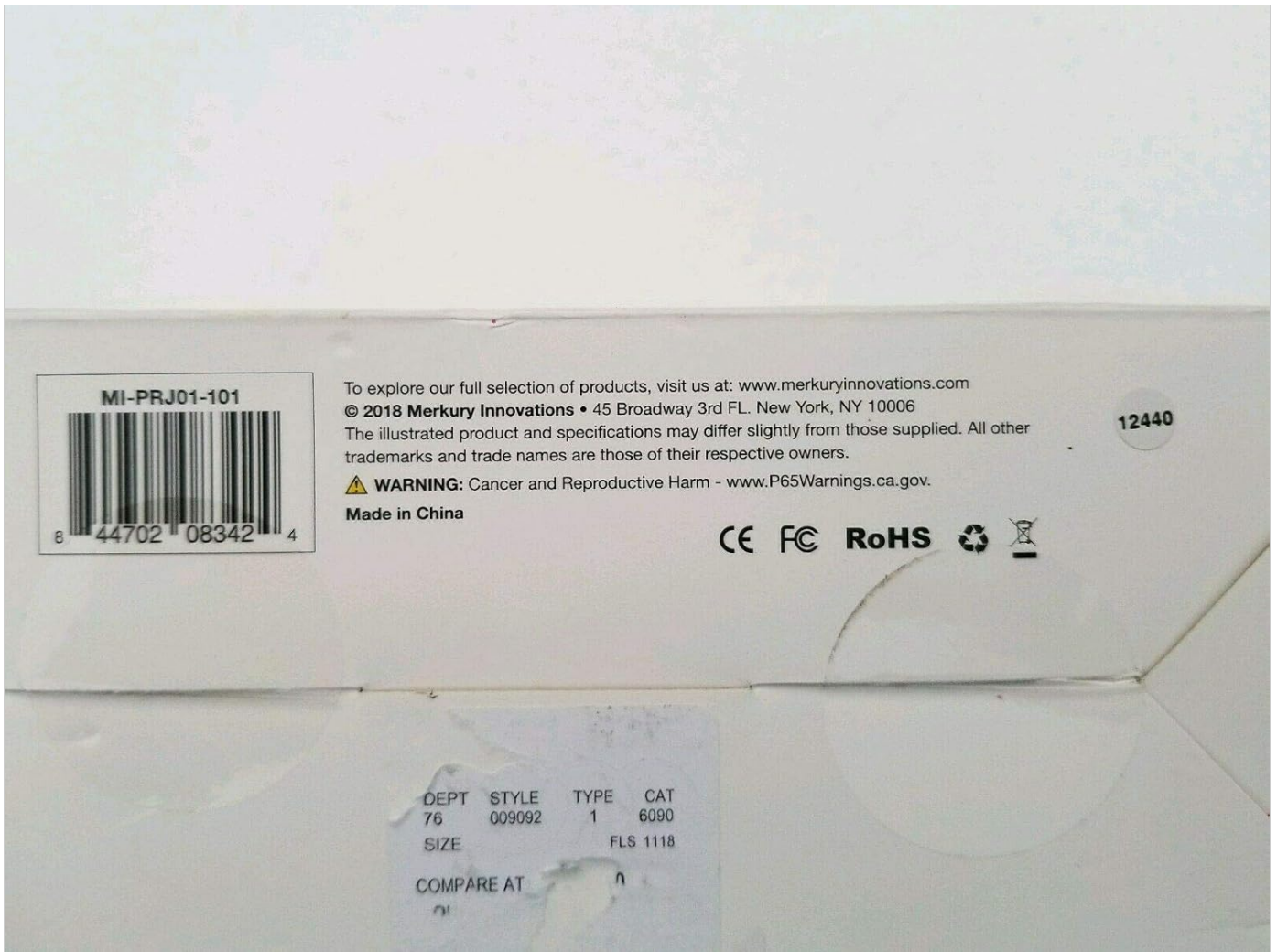


Figure 4: Bottom panel of the product box, displaying the manufacturer's website and regulatory warnings.

WARNING: This product may contain chemicals known to the State of California to cause cancer and reproductive harm. For more information, visit www.P65Warnings.ca.gov.

