

Epson L520U

Epson PowerLite L520U Long Throw 3LCD Projector User Manual

Model: L520U

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Epson PowerLite L520U Long Throw 3LCD Projector. Please read this manual thoroughly before using the projector and keep it for future reference. The Epson PowerLite L520U is a high-brightness 3LCD laser projector designed for various applications including education, corporate environments, digital signage, and entertainment. It features WUXGA (1920 x 1200) resolution, 5200 lumens of brightness, and versatile connectivity options.

2. IMPORTANT SAFETY INSTRUCTIONS

Always follow these basic safety precautions to reduce the risk of fire, electric shock, or injury:

- Do not block ventilation openings.
- Do not use near water or moisture.
- Clean only with a dry cloth.
- Do not install near any heat sources.
- Use only attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.
- Avoid looking directly into the projector lens when the light source is on.
- Ensure proper grounding for electrical connections.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- Epson PowerLite L520U Projector
- Power Cable
- Remote Control with Batteries
- CD-ROM with Projector Software and Documentation

- Quick Setup Guide

Note: Specific contents may vary by region. Please check your packaging for a complete list.

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your projector.

4.1 Front and Top View



Image 1: Front and top view of the Epson PowerLite L520U projector. This image shows the main lens, ventilation grilles on the side, and indicator lights on the top right. The Epson logo is visible on the front.

- **Projection Lens:** Emits the image.
- **Ventilation Grilles:** Ensure proper airflow for cooling. Do not obstruct.
- **Indicator Lights:** Display projector status (e.g., power, lamp, temperature).
- **Control Panel:** Buttons for basic navigation and settings.

4.2 Rear Panel and Connections



Image 2: Rear panel of the Epson PowerLite L520U projector, showing various input and output ports. These include HDMI, USB-A, USB-B (Service), LAN (RJ-45), Computer (VGA) inputs, Audio inputs/outputs, and RS-232C for control. The power inlet is also visible.

- **HDMI 1 / HDMI 2:** Connect to devices with HDMI output (e.g., laptops, Blu-ray players).
- **USB-A:** For connecting USB storage devices or for PC-free presentations.
- **USB-B (Service):** For service and maintenance purposes.
- **LAN (RJ-45):** For network connectivity and control.
- **Computer 1 / Computer 2 (VGA):** Connect to computers with VGA output.
- **Audio In / Audio Out:** For audio connections.
- **RS-232C:** For serial control.
- **Power Inlet:** Connects the power cable.

5. SETUP

5.1 Projector Placement

The PowerLite L520U is designed for long-throw applications and is ceiling mountable. Consider the following for optimal placement:

- **Throw Distance:** Minimum 4.17 feet, Maximum 41.67 feet.
- **Image Size:** Minimum 50 inches, Maximum 500.04 inches.
- **Screen Alignment:** Position the projector perpendicular to the screen for best results.
- **Ventilation:** Ensure adequate space around the projector for airflow.

5.2 Connecting Devices

1. **Power:** Connect the power cable to the projector's power inlet and then to a grounded electrical outlet.
2. **Video Source:**
 - For HDMI devices: Connect an HDMI cable from your source device (e.g., laptop, media player) to either the **HDMI 1** or **HDMI 2** port on the projector.
 - For VGA devices: Connect a VGA cable from your computer to the **Computer 1** or **Computer 2** port.
 - For USB devices: Connect a USB storage device to the **USB-A** port for PC-free presentations.
3. **Network (Optional):** Connect an Ethernet cable to the **LAN (RJ-45)** port for network control and monitoring.
4. **Audio (Optional):** If using analog audio, connect audio cables to the appropriate **Audio In** ports.

5.3 Powering On/Off

- **To Power On:** Press the power button on the projector's control panel or the remote control. The indicator lights will illuminate.
- **To Power Off:** Press the power button again. A confirmation message may appear. Press the power button a second time to confirm shutdown. Allow the projector to cool down before unplugging.

6. OPERATING THE PROJECTOR

6.1 Input Source Selection

After powering on, the projector will automatically detect an active input source. If multiple sources are connected, use the **Source Search** or dedicated input buttons on the remote control or control panel to select the desired input (e.g., HDMI1, Computer1, USB).

6.2 Image Adjustment

- **Focus:** Adjust the focus ring on the lens until the image is sharp.
- **Zoom:** Adjust the zoom ring on the lens to change the image size without moving the projector.
- **Keystone Correction:** If the image appears trapezoidal, use the keystone correction function (usually found in the projector's menu or via dedicated buttons on the remote) to square the image.
- **Picture Settings:** Access the projector's menu to adjust brightness, contrast, color, and other picture quality settings.

6.3 Menu Navigation

Use the arrow buttons and the Enter button on the control panel or remote control to navigate through the projector's on-screen menu. The menu allows access to advanced settings, network configuration, and maintenance options.

7. MAINTENANCE

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

- **Lens Cleaning:** Gently wipe the lens with a soft, lint-free cloth designed for optical surfaces. Do not use abrasive cleaners.
- **Air Filter Cleaning/Replacement:** Refer to the on-screen menu or full user guide for instructions on checking and cleaning the air filter. A clogged filter can lead to overheating.
- **Light Source Life:** The laser light source has an operating life of approximately 20,000 hours, providing long-term, virtually maintenance-free operation.
- **General Cleaning:** Wipe the projector casing with a soft, dry cloth. Do not use liquid or aerosol cleaners.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image displayed	Power cable disconnected Input source not selected Source device not powered on	Check power connections. Select correct input source. Ensure source device is on.
Image is blurry	Lens out of focus Projector too close/far from screen	Adjust the focus ring. Adjust throw distance and zoom.
Image is trapezoidal	Projector not perpendicular to screen	Use keystone correction. Reposition the projector.

Problem	Possible Cause	Solution
Projector overheats or shuts down	Blocked ventilation Dirty air filter	Ensure clear space around vents. Clean or replace air filter.

9. SPECIFICATIONS

Key technical specifications for the Epson PowerLite L520U Projector:

Feature	Detail
Brand	Epson
Model Name	PowerLite L
Model Number	L520U
Display Resolution	1920 x 1200 (WUXGA)
Brightness	5200 Lumen
Contrast Ratio	2,500,000:1
Display Technology	3LCD
Light Source	Laser
Light Source Operating Life	20000 Hours
Connectivity	HDMI, USB, Ethernet
Form Factor	Ceiling Mountable
Mounting Type	Ceiling Mount
Minimum Throw Distance	4.17 Feet
Maximum Throw Distance	41.67 Feet
Minimum Image Size	50 Inches
Maximum Image Size	500.04 Inches
Wattage	250 watts
Item Weight	17 Pounds
UPC	010343964693

10. WARRANTY INFORMATION

Warranty Description: *Information Not Available*. Please refer to the official Epson website or your purchase documentation for the most current and detailed warranty information applicable to your region and product.

11. CUSTOMER SUPPORT

For further assistance, technical support, or to download the full user manual, drivers, and software, please visit the official Epson support website. You can typically find support resources by searching for your model number (L520U) on their site.

Epson Official Website: <https://www.epson.com/support>

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question