

Epson V11H452520W

Epson Brightlink 485Wi WXGA 3LCD Projector User Manual

Model: V11H452520W

INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Epson Brightlink 485Wi WXGA 3LCD Projector. Please read this manual thoroughly before operating the projector and keep it for future reference. The Epson Brightlink 485Wi is a high-performance short-throw projector designed for business, education, and home cinema applications, featuring WXGA resolution and 3LCD technology for vibrant images.

SAFETY INFORMATION

Always observe the following safety precautions to prevent fire, electric shock, or injury.

- Do not block ventilation openings. Ensure adequate space around the projector for proper airflow.
- Do not look directly into the projector lens when the lamp is on, as the bright light can damage your eyes.
- Do not place the projector on an unstable cart, stand, or table. It may fall, causing serious injury to a child or adult, and serious damage to the unit.
- Unplug the projector from the wall outlet before cleaning. Use a damp cloth for cleaning; do not use liquid or aerosol cleaners.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WHAT'S IN THE BOX

Upon unpacking your Epson Brightlink 485Wi projector, verify that all the following items are included:

- Epson Brightlink 485Wi Projector
- Projector Mount
- Interactive Pens
- Power Cable
- Remote Control with Batteries

- User Manual (this document)

PRODUCT OVERVIEW

Familiarize yourself with the various parts and connections of your projector.



Figure 1: Front-side view of the Epson Brightlink 485Wi Projector, showing the lens and ventilation grilles.



Figure 2: Top-down view of the Epson Brightlink 485Wi Projector, highlighting the control panel buttons and indicator lights.



Figure 3: Rear view of the Epson Brightlink 485Wi Projector, displaying various input and output ports including HDMI.

Control Panel

The control panel located on the top of the projector provides access to essential functions:

- **Power Button:** Turns the projector on or off.
- **Source Search:** Cycles through available input sources.
- **Menu Button:** Opens the on-screen display (OSD) menu.
- **Arrow Buttons:** Navigate through menu options.
- **Enter Button:** Confirms selections in the menu.
- **Esc Button:** Exits menu or returns to previous screen.
- **Volume Buttons:** Adjusts audio output volume.

Input/Output Ports

The rear panel features various ports for connecting external devices:

- **HDMI Port:** For connecting high-definition digital video and audio sources.

- **VGA (Computer) Ports:** For connecting computers via analog RGB.
- **USB-A Port:** For connecting USB devices, such as a USB memory stick or a document camera.
- **USB-B Port:** For connecting to a computer for interactive functions and control.
- **Audio In/Out:** For connecting external audio devices.
- **LAN Port:** For network connectivity and control.

SETUP

1. Projector Placement

As a short-throw projector, the Brightlink 485Wi is designed to be mounted close to the projection surface. Ensure the mounting surface is sturdy and level. Follow the instructions provided with the projector mount for secure installation. Position the projector so that the lens is centered with the screen or whiteboard for optimal image geometry.

2. Connecting Power

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.
3. The power indicator light on the projector will illuminate, typically orange or blue, indicating standby mode.

3. Connecting Input Sources

Connect your video and audio sources to the appropriate input ports on the projector.

- **HDMI:** For digital video and audio, connect an HDMI cable from your computer or media player to the projector's HDMI port.
- **VGA:** For analog video, connect a VGA cable from your computer to a VGA port on the projector. If connecting audio separately, use an audio cable to the corresponding audio input.
- **USB-B (Interactive Function):** To enable interactive features and control from a computer, connect a USB-B cable from your computer to the projector's USB-B port.

4. Initial Adjustments

- **Focus:** Use the focus ring on the lens to sharpen the projected image.
- **Keystone Correction:** If the image appears trapezoidal, use the keystone correction function (usually accessible via the remote or menu) to adjust the image shape.
- **Image Size:** Adjust the projector's distance from the screen or use the zoom function (if available) to achieve the desired image size.

OPERATING THE PROJECTOR

Powering On/Off

1. **To Power On:** Press the power button on the projector or remote control. The power indicator will turn blue, and the lamp will illuminate.
2. **To Power Off:** Press the power button again. A confirmation message may appear. Press the power button a second time to confirm shutdown. The power indicator will turn orange, and the cooling fan will run briefly before turning off. Do not unplug the projector until the cooling cycle is complete.

Selecting Input Sources

Press the **Source Search** button on the control panel or remote control to cycle through the connected input sources (e.g., HDMI, Computer 1, Computer 2, USB-B).

Using the On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various projector settings, including image quality, display options, network settings, and interactive features.

1. Press the **Menu** button on the projector or remote control.
2. Use the arrow buttons to navigate through menu categories and options.
3. Press the **Enter** button to select an option or confirm a setting.
4. Press the **Esc** button to go back to the previous menu or exit the OSD.

Interactive Features

The Brightlink 485Wi supports interactive functionality, allowing you to use the included interactive pens to annotate, draw, and control your computer directly on the projected surface. Ensure the USB-B cable is connected to your computer and the necessary drivers are installed (refer to Epson's support website for driver downloads).

- **Calibration:** Before first use or if the projection surface changes, calibrate the interactive pens using the projector's OSD menu.
- **Using Pens:** Hold the interactive pen like a marker and touch the projected image to interact.
- **Software:** Utilize Epson's interactive software (often bundled or available for download) to unlock full whiteboard and annotation capabilities.

MAINTENANCE

Lamp Replacement

The projector lamp has a finite lifespan. When the lamp indicator lights up or the image becomes dim, it's time to replace the lamp.

1. **Power Off and Cool Down:** Turn off the projector and unplug the power cord. Allow the projector to cool down completely for at least one hour to prevent burns.
2. **Locate Lamp Cover:** Refer to your projector's specific diagram to locate the lamp cover.
3. **Remove Cover:** Unscrew the lamp cover and carefully remove it.
4. **Remove Old Lamp:** Unscrew the screws holding the lamp module in place. Gently pull the old lamp module out.
5. **Install New Lamp:** Insert the new lamp module, ensuring it is seated correctly. Secure it with screws.
6. **Replace Cover:** Reattach the lamp cover and secure it with screws.
7. **Reset Lamp Timer:** After replacement, reset the lamp usage timer through the projector's OSD menu (usually under the "Reset" or "Maintenance" section).

Caution: Projector lamps operate at high temperatures and contain mercury. Handle with care and dispose of old lamps according to local regulations.

Air Filter Cleaning/Replacement

Regularly clean the air filter to maintain optimal cooling and prevent dust buildup, which can affect image quality and projector lifespan.

1. **Power Off and Unplug:** Ensure the projector is off and unplugged.

- 2. **Locate Filter Cover:** Find the air filter cover, typically on the side or bottom of the projector.
- 3. **Remove and Clean:** Open the cover, remove the filter, and clean it with a small vacuum cleaner or soft brush. If the filter is heavily soiled or damaged, replace it with a new one.
- 4. **Reinstall:** Place the clean or new filter back into its slot and close the cover.
- 5. **Reset Filter Timer:** Reset the air filter usage timer in the OSD menu.

Cleaning the Lens

Use a soft, lint-free cloth specifically designed for optical lenses. Gently wipe the lens surface to remove dust or smudges. Do not use abrasive cleaners or excessive force.

TROUBLESHOOTING

This section addresses common issues you might encounter with your projector. For more complex problems, contact Epson support.

Problem	Possible Cause	Solution
No image projected	Projector not powered on. Incorrect input source selected. Input cable loose or disconnected. Computer display output not enabled.	Press the power button. Press the Source Search button to select the correct input. Check and secure all video cables (HDMI, VGA). On your computer, ensure the display output is set to duplicate or extend to the projector.
Image is blurry	Lens out of focus. Projector or screen not aligned.	Adjust the focus ring on the lens. Ensure the projector is perpendicular to the screen. Use keystone correction if necessary.
No sound	Volume too low or muted. Audio cable not connected (for VGA). Incorrect audio output selected on source device.	Increase volume using projector/remote controls. Check mute status. Ensure audio cable is connected from source to projector's audio input. Verify your computer's audio output is set to the projector or HDMI.
Interactive pens not working	USB-B cable not connected. Drivers not installed or outdated. Pens not calibrated. Pen batteries low.	Connect the USB-B cable between the projector and computer. Install or update Epson interactive drivers from the Epson support website. Perform pen calibration via the OSD menu. Replace pen batteries.

SPECIFICATIONS

Feature	Detail
Model Number	V11H452520W

Brand	Epson
Display Technology	3LCD
Display Resolution	1280 x 800 (WXGA)
Brightness	3100 Lumens
Special Feature	Short Throw
Connectivity Technology	HDMI
Recommended Uses	Business, Education, Home Cinema
Product Dimensions	14.49 x 14.76 x 5.67 inches
Item Weight	11.88 pounds
Date First Available	March 15, 2012

WARRANTY AND SUPPORT

Warranty Information

Epson products typically come with a limited warranty. For specific details regarding the warranty period and coverage for your Brightlink 485Wi projector, please refer to the warranty card included with your product or visit the official Epson website. Keep your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact Epson customer support. You can find contact information and additional resources on the official Epson support website.

Epson Official Website: www.epson.com

Epson Store on Amazon: [Visit the Epson Store](#)