

Tekswamp P401W

Tekswamp 3LCD Projector P401W Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Tekswamp 3LCD Projector P401W is designed for versatile use, offering 4000 ANSI lumens of brightness and a native resolution of 1280 x 800. It supports 1080i HD content and features 3-Chip 3LCD technology for accurate color reproduction. This projector is suitable for various applications, including home entertainment, streaming, gaming, and business presentations.

2. WHAT'S IN THE BOX

Upon unpacking, ensure all the following items are present:

- Tekswamp 3LCD Projector P401W
- HDMI Cable
- Remote Control
- Power Cord

3. PRODUCT FEATURES

- **High Brightness:** 4000 ANSI lumens of color and white brightness, suitable for well-lit rooms.
- **3-Chip 3LCD Technology:** Displays 100% of the RGB color signal for excellent color accuracy and brightness without 'rainbowing' effects.
- **Versatile Connectivity:** Includes HDMI x 2, LAN, Mini Jack, Network: RJ-45, RCA, RS232: DB-9pin, S-Video, USB, USB A, USB B, VGA/SVGA D-Sub, and Wired options.
- **Easy Setup:** Features 1-1.6x optical zoom, horizontal slider, and auto vertical correction for quick image adjustments.
- **Integrated Audio:** Built-in 16 W speaker for clear sound.
- **Image Correction:** Includes cornerstone correction, Pincushion, and Barrel correction.

4. SETUP

To set up your Tekswamp P401W projector, follow these general steps:

1. **Placement:** Position the projector on a stable, flat surface or mount it securely. Ensure adequate ventilation around the unit.
2. **Power Connection:** Connect the power cord to the projector and then to a power outlet.
3. **Source Connection:** Connect your desired input source (e.g., laptop, streaming device) to the appropriate port on the projector using an HDMI, USB, or VGA cable.
4. **Power On:** Press the power button on the projector or the remote control to turn on the unit.
5. **Image Adjustment:** Use the focus and zoom rings on the lens or the remote control to achieve a clear and sharp image. Utilize the auto vertical correction and horizontal slider for optimal image geometry.

For a visual overview of similar projector features and setup, please refer to the video below:

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Video: Epson EpiqVision Flex Portable Projectors. This video demonstrates the portability, 3LCD technology, and connectivity options of similar projectors, providing context for the Tekswamp P401W's capabilities.

5. OPERATING

The projector features intuitive controls on the top panel and via the remote control.



Image: Top view of the projector, highlighting the control panel with buttons for power, menu, keystone, source selection, and navigation, along with the lens shift and zoom/focus rings.

- **Power:** Press the power button () to turn the projector on or off.
- **Source Selection:** Use the 'Source' button to cycle through available input sources (HDMI 1, HDMI 2, USB, VGA, etc.).
- **Menu Navigation:** Use the 'Menu' button to access settings. Navigate using the arrow buttons and confirm with 'Enter'.
- **Focus and Zoom:** Adjust the rings around the lens for manual focus and zoom. The projector also features automatic keystone correction for image geometry.
- **Volume Control:** Use the volume buttons on the remote or control panel to adjust the built-in speaker's output.

6. CONNECTIVITY

The Tekswamp P401W projector offers a wide array of connectivity options to integrate with various devices.



Image: Rear panel of the projector, displaying various ports including HDMI, USB, LAN, Computer In/Out (VGA), Video In (RCA), S-Video, Audio In/Out, and RS232 for control.

- **HDMI (x2):** For connecting high-definition digital video and audio sources like Blu-ray players, gaming consoles, and streaming devices.
- **USB (Type A & B):** For connecting USB storage devices for media playback or for connecting to a computer.
- **VGA/SVGA D-Sub (Computer In/Out):** For connecting to computers or monitors using analog signals.
- **LAN (RJ-45):** For network connectivity, enabling remote control and monitoring.
- **RCA (Video In):** For connecting standard definition video sources.
- **S-Video:** For connecting S-Video sources.
- **Mini Jack (Audio In/Out):** For connecting external audio devices or headphones.
- **RS232 (DB-9pin):** For serial control and integration into automation systems.

7. MAINTENANCE

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



Image: Side view of the projector, highlighting the extensive ventilation grilles designed to dissipate heat and maintain optimal operating temperature.

- **Cleaning the Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or excessive force.
- **Cleaning Air Filters:** Periodically clean or replace the air filters to prevent overheating and maintain image quality. Refer to the full user manual for specific instructions on filter access.
- **Ventilation:** Ensure the projector's ventilation openings are not blocked. Do not place the projector in an enclosed space without proper airflow.
- **Lamp Replacement:** The projector lamp has a finite lifespan. When the lamp indicator lights up or the image becomes dim, replace the lamp according to the instructions in the full user manual.

8. TROUBLESHOOTING

If you encounter issues with your projector, try these basic troubleshooting steps:

- **No Image:** Check all cable connections (power, HDMI/VGA). Ensure the correct input source is selected. Verify the lamp is functioning.
- **Dim Image:** Check the lamp hours and consider replacing the lamp if it's nearing the end of its lifespan. Ensure the projector is not in Eco mode if maximum brightness is desired.
- **Distorted Image:** Adjust focus and zoom. Use keystone correction (auto or manual) to correct trapezoidal distortion. Check for any physical obstructions in the projection path.
- **No Sound:** Ensure the audio cable is connected correctly (if using external audio). Check the volume settings on both the projector and the source device.
- **Overheating:** Ensure ventilation vents are clear and the projector is in a well-ventilated area. Clean the air filters.

For more detailed troubleshooting, consult the comprehensive user manual or contact customer support.

9. SPECIFICATIONS

Brand	Tekswamp
Model	P401W
Image Brightness	4000 ANSI Lumens
Display Resolution	1280 x 800
Connectivity Technology	HDMI, LAN, Mini Jack, Network: RJ-45, RCA, RS232: DB-9pin, S-Video, USB, USB A, USB B, VGA/SVGA D-Sub, Wired
Special Feature	Portable
Item Weight	9 pounds
Recommended Uses	Business, Education, Gaming, Home Cinema

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Tekswamp website. Keep your purchase receipt for warranty claims.