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> WEMAX Nova 4K UHD Ultra Short Throw Projector User Manual

WEMAX L176FGN

WEMAX Nova 4K UHD Ultra Short Throw Projector User Manual

Model: L176FGN

Brand: WEMAX

INTRODUCTION

Welcome to the user manual for your WEMAX Nova 4K UHD Ultra Short Throw Projector. This guide provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your device to ensure an optimal home theater experience. The WEMAX Nova combines cutting-edge ALPD 3.0 laser technology with Smart Android TV, delivering breathtaking 4K UHD visuals and immersive Dolby Audio DTS-HD sound.

SETUP GUIDE

Unboxing and Initial Placement

Carefully unbox your WEMAX Nova projector and its accessories. Ensure all components are present before proceeding with the setup.



The WEMAX Nova projector and its remote control.

What's in the Box:

- WEMAX Nova 4K UHD Ultra Short Throw Smart Laser Projector
- Remote Control
- Power Cable

Place the projector on a stable, level surface directly in front of your projection screen or wall. The ultra-short throw design allows for a large image from a very short distance.

0.233:1 Ultra Short Throw Ratio
 Pair with ALR Screen for Ultimate Projection

Projection Distance	5.5"	9.1"	13"	19.3"
Screen Size	80"	100"	120"	150"

Table showing recommended projection distances for various screen sizes.

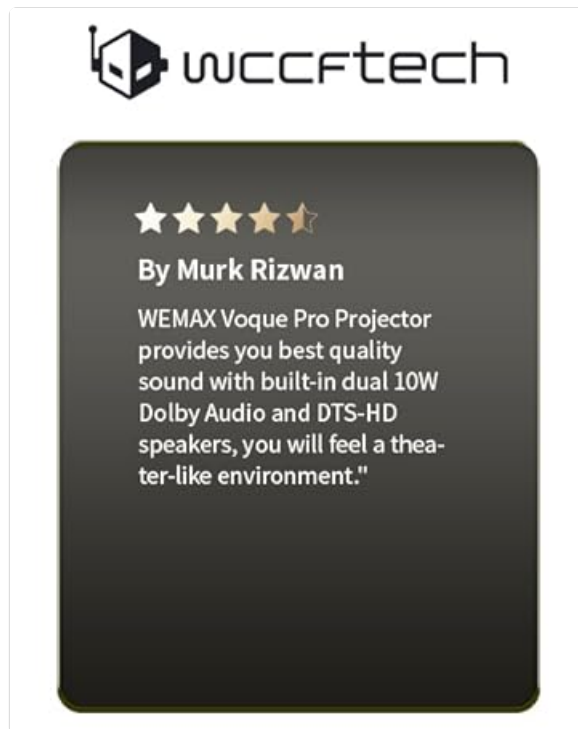
For a visual guide on setting up your projector, refer to the video below:

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Video demonstrating the physical setup and initial power-on of the WEMAX Nova projector.

Connectivity

The WEMAX Nova offers multiple connectivity options for your devices:



Rear view of the WEMAX Nova projector showing various input and output ports.

- **HDMI 2.0 (x3):** For connecting external devices like gaming consoles, Blu-ray players, or set-top boxes. One port supports ARC/CEC.
- **USB 2.0 (x2):** For connecting USB drives or other peripherals.
- **3.5mm Composite Video:** For older AV devices.
- **RJ-45 Ethernet LAN:** For wired network connection.
- **3.5mm Headphone:** For audio output to headphones or external speakers.
- **S/PDIF:** For optical digital audio output.
- **Wireless (WiFi, Bluetooth):** For casting content and connecting Bluetooth accessories.

Remote Control Pairing

To ensure full functionality, pair your remote control with the projector during initial setup. Follow the on-screen instructions or refer to the video below for guidance.

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Video tutorial on pairing the remote control with the WEMAX Nova projector for initial setup and navigation.

Keystone Correction and Focus

The WEMAX Nova features 8-point keystone correction and auto-focus to ensure a perfectly rectangular and sharp image, even if the projector is not perfectly aligned with the screen.

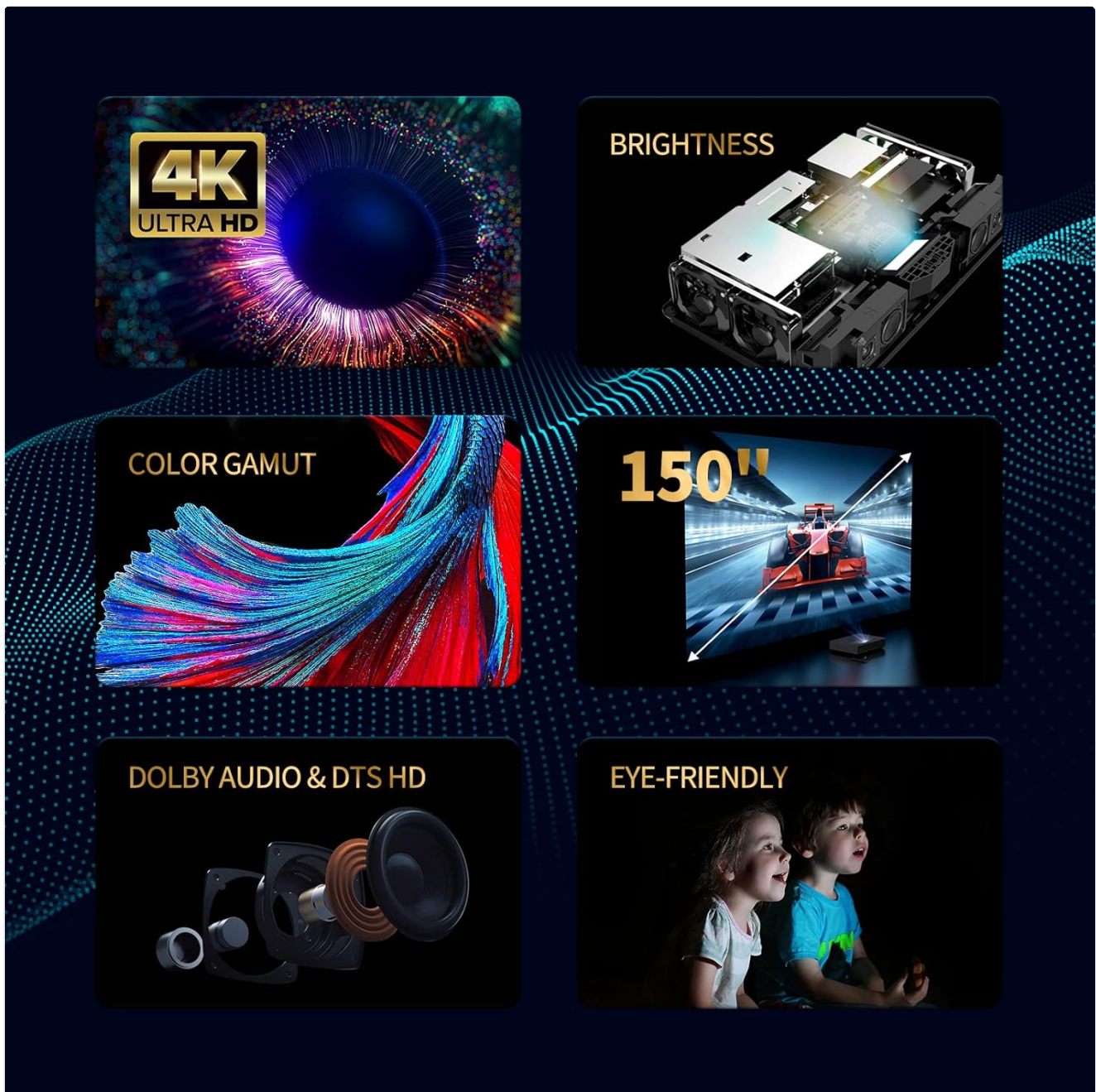


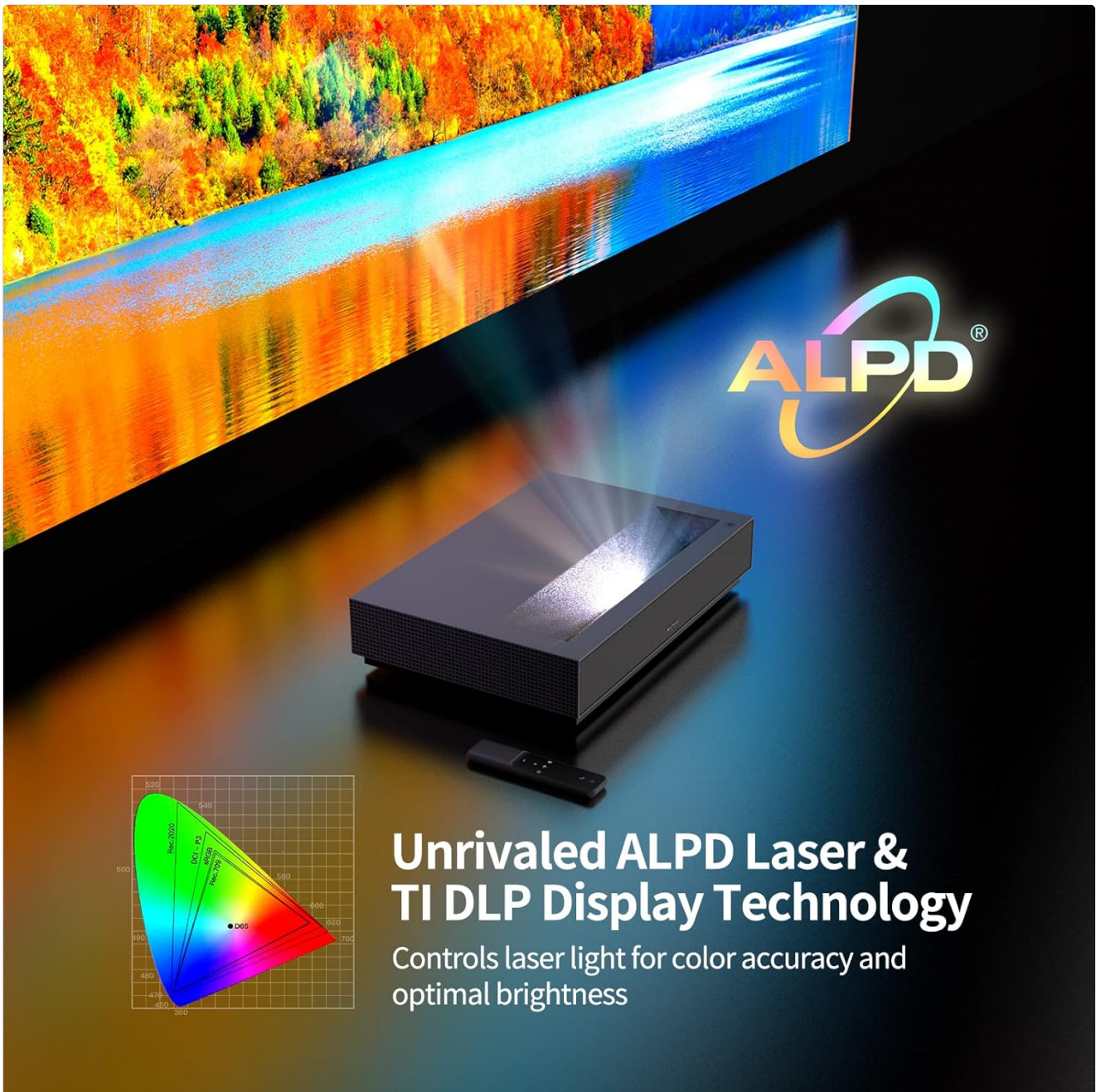
Illustration of 8-point keystone correction for adjusting image geometry.

- **Auto Focus:** The projector will automatically adjust focus upon startup or movement.
- **Manual Focus:** Fine-tune the focus using the remote control if needed.
- **8-Point Keystone Correction:** Access this setting in the menu to adjust each corner of the projected image independently for perfect alignment.

OPERATING INSTRUCTIONS

Android TV and Apps

The WEMAX Nova comes with Android TV built-in, providing access to thousands of apps and streaming services.



Unrivaled ALPD Laser & TI DLP Display Technology

Controls laser light for color accuracy and optimal brightness

Screenshot of the Android TV home screen on the WEMAX Nova, showing various streaming applications.

- **Accessing Apps:** Navigate the Android TV interface using the remote control to open pre-installed apps like Hulu, HBO Max, Showtime, Disney+, and more.
- **Google Assistant:** Use the voice command button on the remote to search for content, control playback, and access information.
- **Chromecast Built-in:** Wirelessly cast content from your iPhone, Android, iPad, Laptop, or other streaming devices directly to the projector.
- **Netflix:** For optimal Netflix viewing, it is recommended to use Aptoide TV or a connected streaming device such as a Fire TV stick.

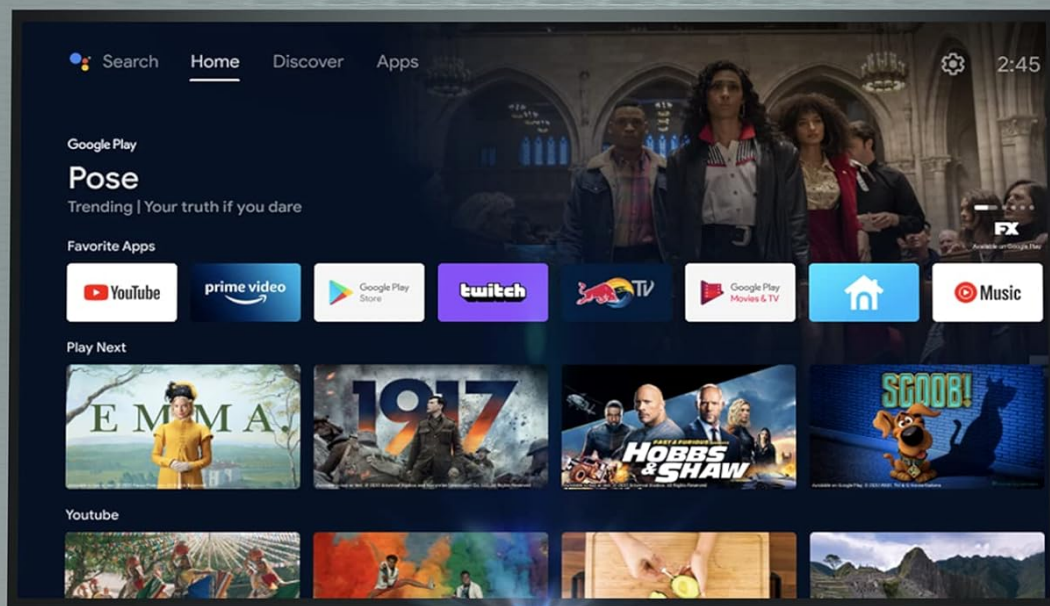
Audio Features

Experience powerful and clear audio with the integrated Dolby Audio DTS HD speakers.

androidtv

Ok Google

Chromecast
built-in



Endless Entertainment with Android TV

Android TV, OK Google, Chromecast Built-in

Diagram highlighting the integrated Dolby Audio DTS HD speakers.

- **30W Dolby Audio DTS HD Speakers:** Enjoy crystal-clear audio precision-tuned for a home theater experience.
- **External Audio:** Connect your soundbar or stereo system via HDMI output for enhanced audio.

Screen Size Adjustment

The WEMAX Nova allows for flexible screen sizes to fit your viewing space.



0.233:1 Ultra Short Throw Ratio

Pair with ALR Screen for Ultimate Projection

Projection Distance	5.5"	9.1"	13"	19.3"
Screen Size	80"	100"	120"	150"

Table showing recommended projection distances for various screen sizes.

- Choose from projection sizes of 80, 100, 120, and up to 150 inches.
- Adjust the projector's distance from the wall/screen to achieve the desired image size.

MAINTENANCE AND CARE

Cleaning the Projector

- Use a soft, dry cloth to clean the exterior of the projector.
- Do not use liquid cleaners or abrasive chemicals.
- Keep the lens clean using a lens cleaning cloth designed for optics.

Laser Light Source Care

The WEMAX Nova utilizes ALPD 3.0 laser technology, designed for long-lasting performance and eye comfort.



Image illustrating the eye-friendly diffused light of the projector.

- Avoid looking directly into the projector's light source.
- The projector features an infrared motion detection system that automatically adjusts brightness to prevent eye strain if an object or person is too close to the light source.
- The laser light source is designed to deliver over 25,000 hours of lamp life.

TROUBLESHOOTING COMMON ISSUES

If you encounter any issues with your WEMAX Nova projector, refer to the table below for common problems and their solutions. For more detailed troubleshooting, please consult the official User Manual (PDF) or Troubleshooting Guide (PDF) available via the support section.

Problem	Possible Cause	Solution
No Image	Power cable disconnected, input source incorrect, projector in standby.	Check power connection, select correct HDMI/input source, press power button on projector or remote.

Problem	Possible Cause	Solution
Blurry Image	Out of focus, incorrect keystone correction.	Adjust focus using remote, perform 8-point keystone correction.
No Sound	Volume too low, incorrect audio output selected, external device audio issue.	Increase volume, check audio output settings, ensure external device audio is working.
Remote Not Responding	Batteries low/dead, remote not paired.	Replace batteries, re-pair remote control (refer to Setup Guide or video below).

Your browser does not support the video tag.

Video demonstrating remote pairing, a common troubleshooting step for unresponsive remote controls.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	WEMAX
Model Number	L176FGN
Dimensions (L x W x H)	17.95 x 12.13 x 3.58 inches
Item Weight	16 pounds
Display Resolution	3840 x 2160 (4K UHD)
Luminance	1300 ANSI Lumens
Light Source	ALPD Laser
Connectivity Technology	Wireless (WiFi, Bluetooth), Wired (USB, HDMI, Ethernet)
Speaker Type	Stereo, Soundbar (30W Dolby Audio DTS-HD)
Operating System	Android TV
Special Features	HDR10, 8-Point Keystone Correction, Auto Focus, Google Assistant, Chromecast Built-In
First Available Date	July 23, 2020

WARRANTY AND CUSTOMER SUPPORT

WEMAX offers protection plans for your product. Please refer to your purchase documentation for specific warranty details and terms.

For any inquiries, technical assistance, or support, please contact WEMAX customer service:



WEMAX customer support information, including response times and contact email.

- **Email:** support@wemax.com
- **Response Time:** Quick response within 24 hours.
- **Refunds & Exchanges:** 30-day hassle-free refunds and exchanges.

Additional resources:

- **User Manual (PDF):** [Download Here](#)
- **Troubleshooting Guide (PDF):** [Download Here](#)