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> JMGO U2 4K Tri-Color Ultra Short Throw Laser TV Projector Instruction Manual

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MODEL: U2

1. Product Overview

The JMGO U2 is a 4K UHD Tri-Color Ultra Short Throw Laser TV Projector designed to deliver an immersive home cinema experience. It features advanced laser technology, high brightness, and integrated audio co-created with Dynaudio.



Image: The JMGO U2 projector, showcasing its sleek, silver design with two circular speaker grilles on top.

Key Features:

- **2400 ANSI Lumens:** Provides bright and clear images, even in daylight, with automatic brightness

adjustment.

- **Tri-color Laser Technology:** Achieves 114% BT.2020 color gamut for accurate and vibrant color reproduction.
- **Native 4K Display:** Utilizes XPR technology for 8.3 million distinct pixels, delivering sharp, high-resolution video.
- **Dynaudio Co-created Sound:** Features four powerful electromagnetic speakers with Dolby Audio and DTS-HD certification for high-quality audio.
- **Classic Design:** Futuristic silver design intended to complement modern living spaces.

2. Safety Information

Please read all safety instructions before operating the projector to ensure safe and proper use.

- **Laser Radiation:** Do not stare directly into the light source. The projector is a Class 1 laser product.
- **Eye Protection Feature:** The JMGO U2 includes an eye protection feature that dims the laser output if an object or person gets too close to the light source, preventing direct eye exposure.
- **Ventilation:** Ensure proper ventilation around the projector. Do not block the air vents.
- **Placement:** Place the projector on a stable, level surface to prevent it from falling.

3. Setup

3.1 Unboxing

Carefully remove all components from the packaging. The box should contain the JMGO U2 projector, remote control, power cable, and user manual. Some models may also include 3D glasses and rubber footing for stability.

3.2 Placement

The JMGO U2 is an Ultra Short Throw (UST) projector, designed to be placed very close to the projection surface (wall or ALR screen).

- **Recommended Screen Size:** The projector is optimized for a 100-inch screen size.
- **Distance from Wall:** For a 100-inch screen, the projector typically needs to be placed approximately 12 inches away from the wall.
- **Alignment:** Use the adjustable legs/tabs located at the bottom of the projector to fine-tune the image alignment. The projector has fixed focus, so precise physical placement is crucial for a sharp image.

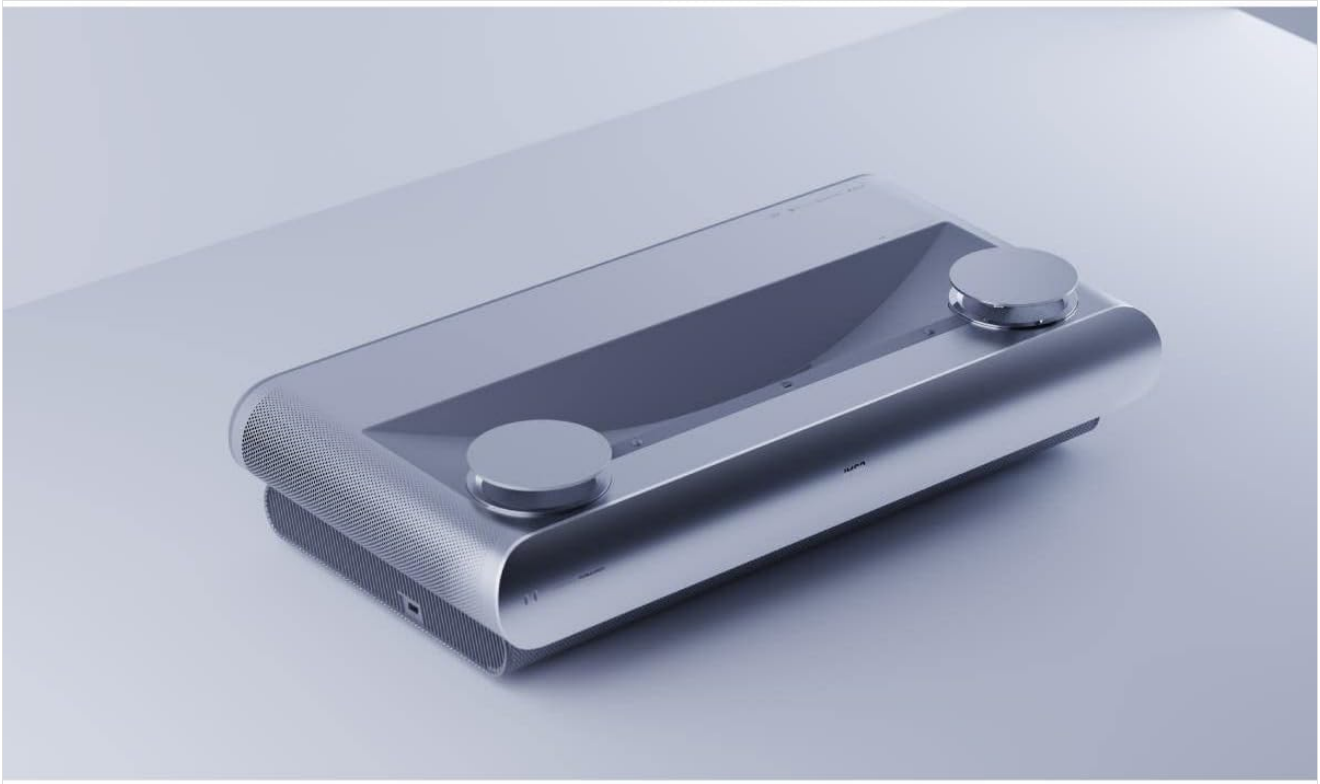


Image: Side view of the JMGO U2 projector, highlighting its sleek profile and speaker grille.

3.3 Connections

The projector offers various connectivity options located on the rear panel.

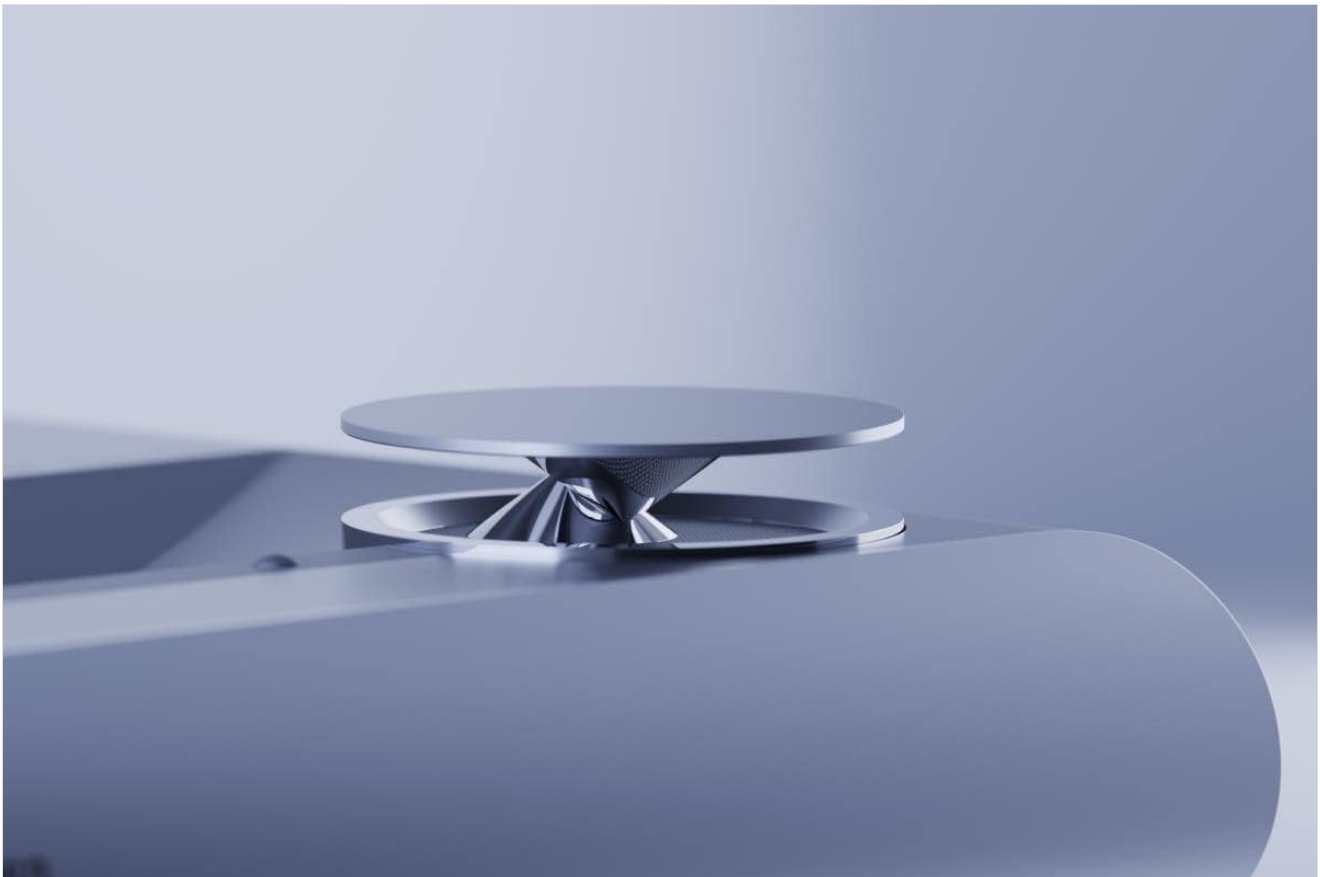


Image: Rear view of the JMGO U2 projector, showing the various input and output ports.

- **LAN Port:** For wired network connection.
- **Optical Port:** For digital audio output to external sound systems.
- **HDMI Ports (x2):** Connect external devices like gaming consoles, Blu-ray players, or streaming sticks. One

port supports Audio Return Channel (ARC).

- **USB Ports (x2):** For connecting USB storage devices or other peripherals.
- **Service Port:** For maintenance and firmware updates.
- **Power Input:** Connect the provided power cable.
- **Wireless Connectivity:** Supports Wi-Fi and Bluetooth for network access and connecting wireless audio devices.

4. Operating Instructions

4.1 Power On/Off

To power on the projector, touch the illuminated power button located on the top surface near the laser light source. To power off, press and hold the power button on the remote or the touch-sensitive area on the projector.

4.2 Operating System (Luna OS)

The JMGO U2 runs on Luna OS, an Android-based operating system. It provides a user-friendly interface for accessing various functions and applications.

- **App Store:** Access a selection of streaming applications like Netflix, HBO Max, YouTube Kids, Spotify, and more. Note that this is not the Google Play Store, and app availability may vary.
- **File Manager:** Browse and play media files from connected USB devices.
- **E-Share:** Share content from compatible devices.

4.3 Source Selection

Navigate to the 'Source Signal' menu in Settings to select your input source:

- **Local:** For content stored directly on the projector.
- **HDMI1 / HDMI2:** For external devices connected via HDMI.
- **HDMI_CEC:** Enable or disable HDMI Consumer Electronics Control for integrated control of connected devices.

4.4 Audio Settings

Customize your audio experience through the 'Audio Settings' menu:

- **Boot Audio:** Enable or disable startup sound.
- **Keypress Sound:** Enable or disable sound feedback for remote control presses.
- **Audio Output:** Select output device (Local Device, SPDIF/ARC, PCM, RAW).
- **Audio Mode:** Choose presets optimized for different content (Standard, Music, Cinema, Sports).

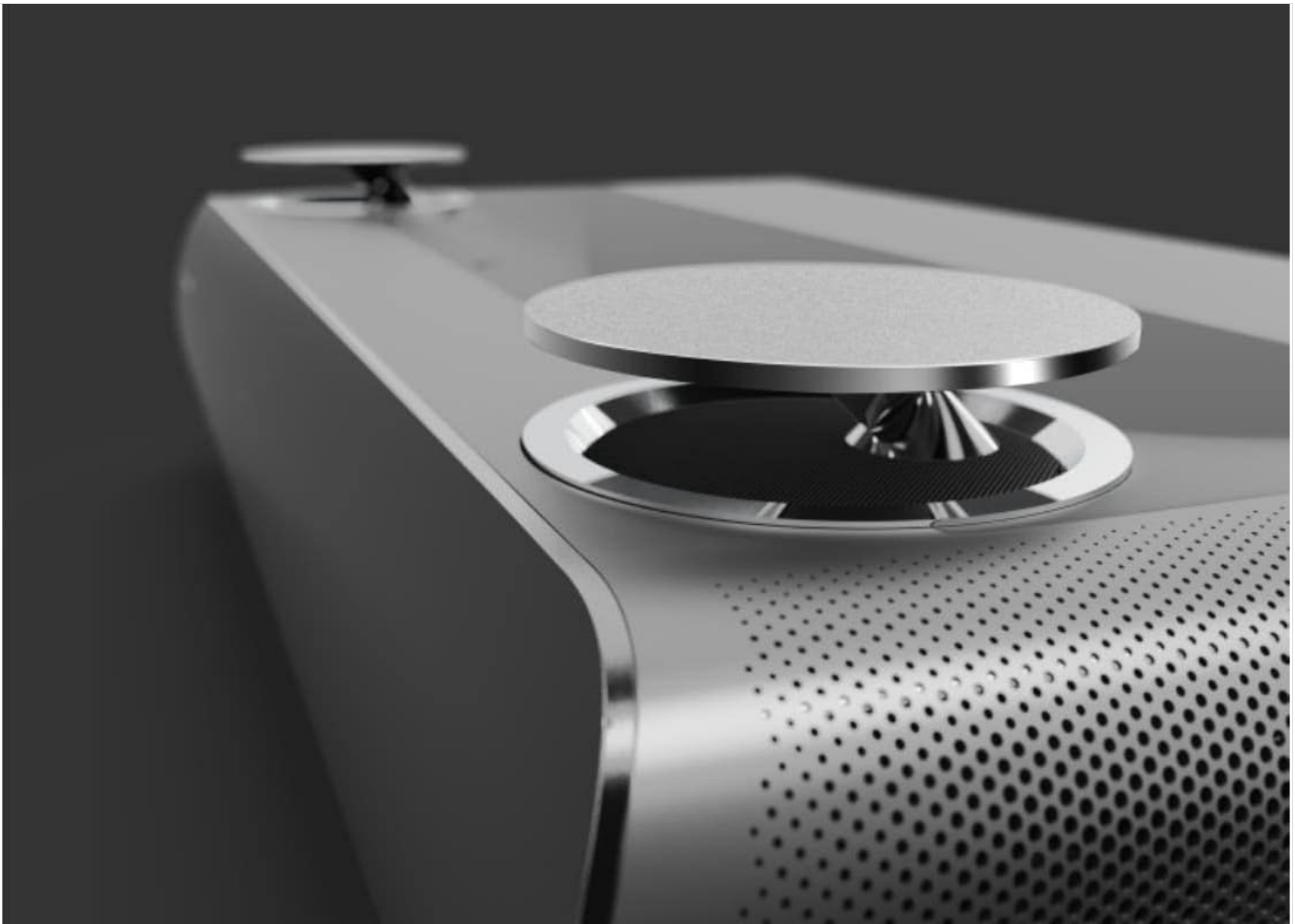


Image: Top view of the JMGO U2 projector, highlighting the Dynaudio co-created speakers.

4.5 Projection Settings

Adjust image display options in 'Projection Settings':

- **Brightness:** Select 'Smart Brightness' for automatic adjustment based on ambient light, or 'User-Defined' for manual control.
- **Projection Mode:** Configure based on projector placement (Frontal, Rear, Front Ceiling, Rear Ceiling).

4.6 Video Settings

Fine-tune video output in 'Video Settings':

- **3D Mode:** Enable 3D viewing (Off, Side-by-Side, Top-and-Bottom). Requires compatible 3D content and glasses.
- **Image Mode:** Choose predefined image presets (Standard, Bright-Colored, Gentle) or 'User' for custom adjustments.
- **Motion Compensation:** Adjust for smoother motion in fast-paced scenes (Off, Low, Medium, High).
- **Color Temperature:** Adjust the color warmth (Cold, Standard, Warm).

4.7 Advanced Settings

Access additional features in 'Advanced Settings':

- **Eye Protection:** Enable or disable the automatic laser dimming feature when objects are near the light source.
- **Accessibility:** Configure accessibility options.
- **Timed Shutdown:** Set a timer for automatic projector shutdown.

4.8 System Settings

Manage general system configurations in 'System Settings':

- **Language:** Select the system language.
- **Time Zone:** Set the correct time zone.
- **Keyboards:** Manage virtual keyboard settings.
- **Update Version:** Check for and install firmware updates.
- **Reset:** Restore factory settings.
- **About:** View device information.
- **Contact Us:** Access support contact details.
- **User Agreement:** Review the user agreement.

4.9 Remote Control

The included remote control is made of aluminum and features a USB-C port for charging. It offers dedicated buttons for power, input selection, navigation, volume, and brightness control. It can also control some connected HDMI CEC devices.

5. Performance and Features

5.1 Visual Performance

- **Brightness:** 2400 ANSI Lumens (up to 3600 ANSI Lumens on an ALR screen), ensuring clear visibility even in well-lit environments.
- **Tri-Color Laser Technology:** Achieves 114% BT.2020 color gamut, providing exceptional color accuracy and vibrancy.
- **Native 4K Display:** Delivers sharp and detailed images with 8.3 million distinct pixels.

5.2 Audio Performance

- **Dynaudio Co-created Sound System:** Integrated sound system with two 15-watt full-range speakers and two 10-watt tweeters.
- **Dolby Audio & DTS-HD Certified:** Ensures high-quality, immersive audio.

5.3 Quiet Operation

The projector operates at a quiet 28 dB, ensuring minimal distraction during viewing.

5.4 Laser Lifespan

The laser light source has a lifespan of 50,000 hours, providing long-term, maintenance-free operation.

Your browser does not support the video tag.

Video: A detailed review of the JMGO U2 projector, highlighting its image quality, sound, and features.

Your browser does not support the video tag.

Video: A review showcasing the quiet operation and bright 4K projection of the JMGO U2.

6. Maintenance

To ensure the longevity and optimal performance of your JMGO U2 projector, follow these maintenance guidelines:

- **Cleaning the Lens:** Gently wipe the projector lens with a soft, lint-free cloth. Avoid abrasive materials or harsh chemicals.
- **Dust Removal:** Keep the projector free from dust. Use a soft brush or compressed air to clean the vents periodically.

- **Firmware Updates:** Regularly check for and install firmware updates via the 'System Settings' menu to ensure the latest features and bug fixes.
- **Storage:** When not in use for extended periods, store the projector in a cool, dry place, protected from dust and direct sunlight.

7. Troubleshooting

If you encounter any issues with your JMGO U2 projector, refer to the following common troubleshooting tips:

- **No Image/Signal:** Ensure all cables are securely connected and the correct input source is selected in the 'Source Signal' menu.
- **Blurred Image:** Verify the projector's physical placement and adjust the adjustable legs for optimal focus, as the projector has fixed focus.
- **Audio Issues:** Check 'Audio Settings' for correct output selection and volume levels. Ensure external audio devices are properly connected.
- **Remote Control Not Responding:** Ensure the remote is charged (via USB-C) and within range.
- **System Lag/Bugs:** Perform a system reset via 'System Settings' or check for available firmware updates.
- **HDMI CEC Issues:** Some users have reported bugs with HDMI CEC functionality. Ensure your devices are compatible and try toggling the HDMI_CEC setting.

8. Specifications

Product Dimensions	20.5 x 15.7 x 6 inches
Item Weight	29 pounds
Item Model Number	U2
Display Resolution	4K
Brightness	2400 ANSI Lumens
Connectivity Technology	HDMI, USB, LAN, Optical, Wi-Fi, Bluetooth
Special Features	Built-In 3D, Dynaudio Speakers, Ultra Short Throw, Laser TV, HDR10
Light Source Lifespan	50,000 hours

9. Warranty and Support

For warranty information and technical support, please refer to the official JmGO website or contact customer service directly.

Email Support: after-sales@jmgo.com

Regular firmware updates are provided to enhance performance and address potential issues. Check for updates in the 'System Settings' menu.

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