Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

ULTIMEA U0320

ULTIMEA Apollo P40 Projector User Manual

Model: U0320

1. Introduction

The ULTIMEA Apollo P40 Projector is a state-of-the-art home cinema device designed to deliver an immersive viewing experience. Featuring 4K decoding, HDR10 support, and a bright 700 ANSI lumens output, it ensures stunning image quality with vibrant colors and deep blacks. Its advanced USPAA technology provides intelligent obstacle avoidance, automatic screen alignment, and 6D auto keystone correction for effortless setup. With dual-band WiFi and bidirectional Bluetooth, the Apollo P40 offers versatile connectivity options for all your entertainment needs.



Figure 1.1: The ULTIMEA Apollo P40 Projector, showcasing its compact design and key features.

2. Key Features

- **Native 1080P Resolution with 4K Decoding & HDR10:** Experience exceptional clarity and detail with native 1080P resolution, enhanced by 4K decoding and HDR10 support for richer colors and improved contrast. The projector boasts 80% brightness uniformity, ensuring a consistent and clear image across the entire screen.



Figure 2.1: Visual representation of 4K HDR10 decoding, highlighting enhanced detail and color.

- **Advanced USPAA Technology:** Equipped with ULTIMEA's self-developed USPAA algorithm, the Apollo P40 offers intelligent obstacle avoidance, automatic screen alignment, 3-second auto-focus, and 6D auto keystone correction (±50° horizontal/vertical/rotating) for quick and precise setup.

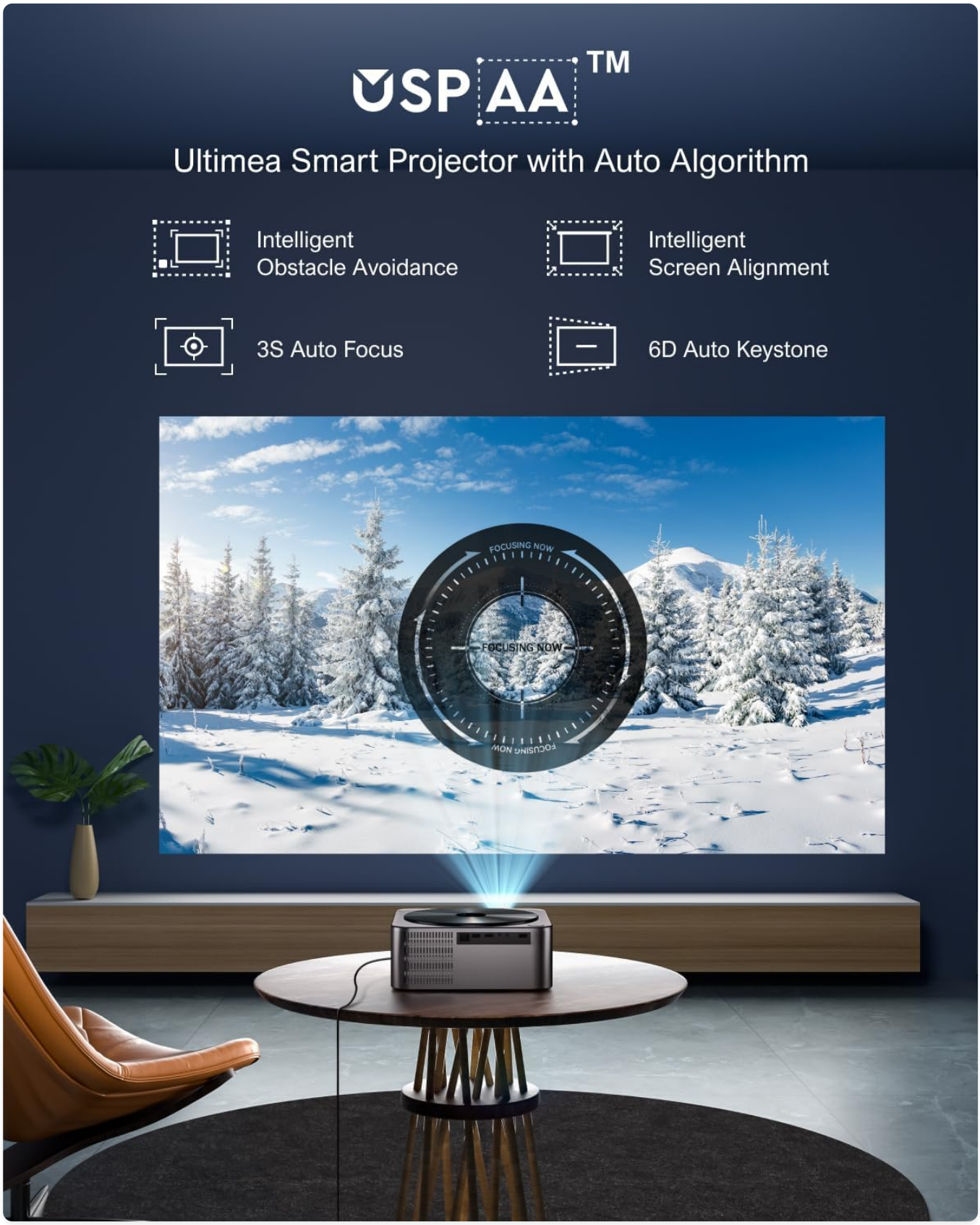


Figure 2.2: The projector's intelligent features, including auto-focus and keystone correction, simplifying setup.

- **High Brightness & ULTIMEA OS:** With 700 ANSI lumens, the projector delivers bright images even in ambient light, thanks to upgraded LTPS LCD technology. The intuitive ULTIMEA OS provides a user-friendly interface for easy navigation and operation.

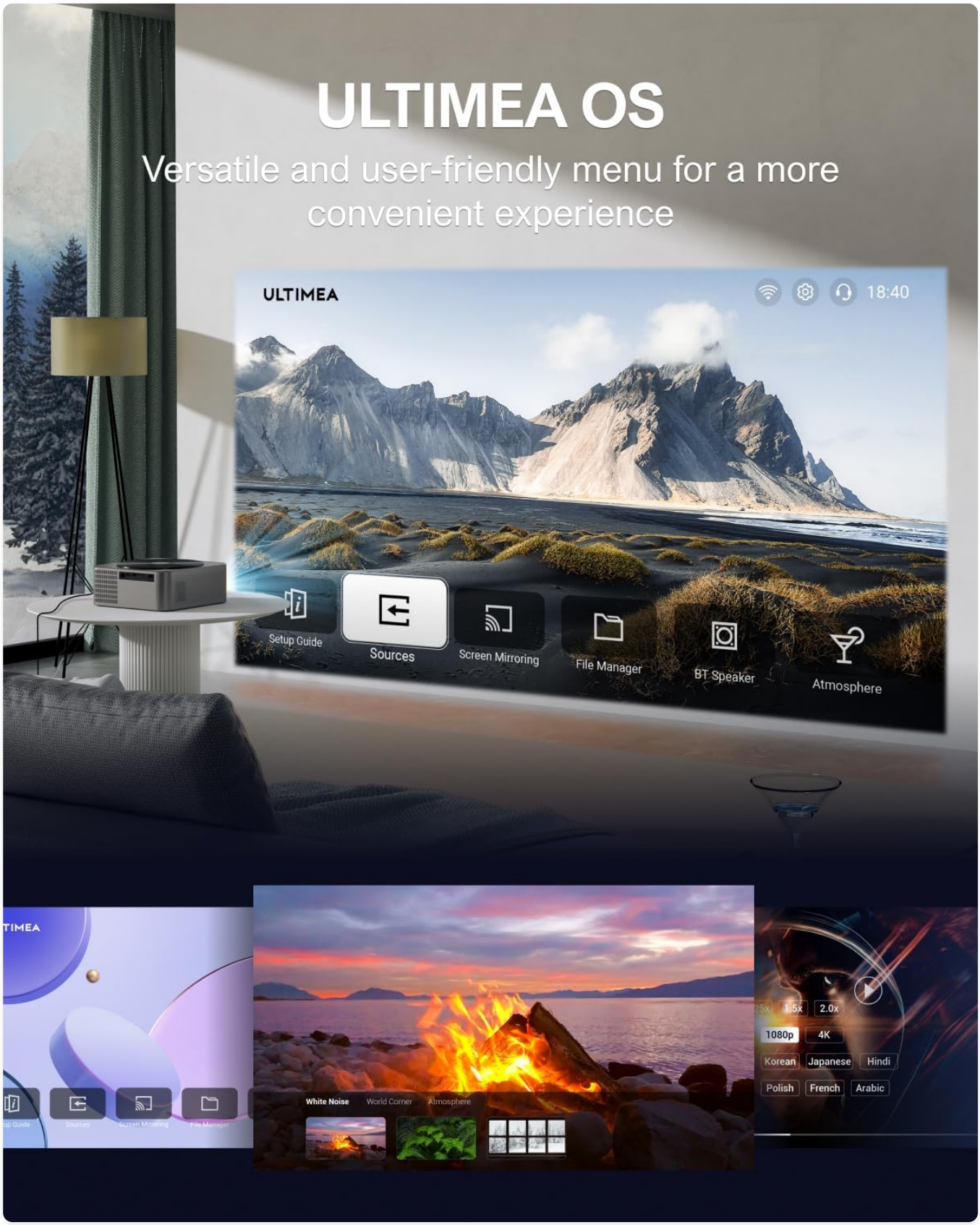


Figure 2.3: The intuitive ULTIMEA Operating System for seamless user experience.

- **Dual-Band WiFi & Bidirectional Bluetooth:** Enjoy stable and low-latency connections with 5.8GHz + 2.4GHz dual-band WiFi. Bidirectional Bluetooth 5.1 allows seamless syncing with external audio devices or using the projector as a standalone Bluetooth speaker.



Figure 2.4: Bidirectional Bluetooth connectivity for versatile audio options.

- **Dustproof Design & Versatile Connections:** The fully enclosed optical engine prevents dust intrusion, ensuring long-term picture clarity and extending lifespan. Multiple ports (HD, USB, AV, audio) provide broad compatibility with various devices.

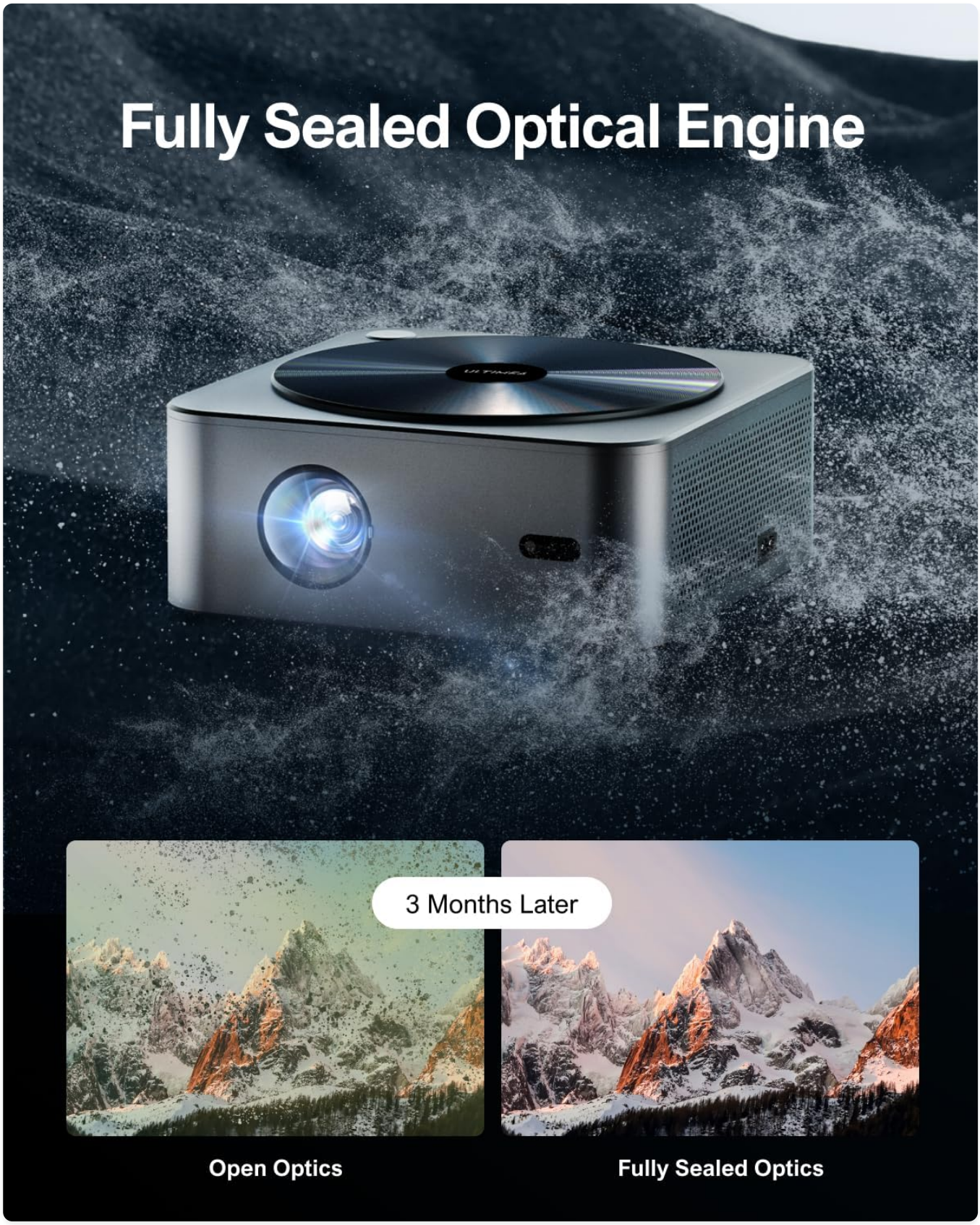


Figure 2.5: The fully sealed optical engine design for enhanced durability and dust protection.

3. Setup Guide

3.1 Unpacking and Placement

Carefully remove the projector and all accessories from the packaging. Place the projector on a stable, flat surface. Ensure there is adequate ventilation around the unit to prevent overheating. For optimal projection, position the projector directly in front of your screen or wall.

3.2 Power Connection

Connect the power adapter to the projector's power input port, then plug the other end into a power outlet. The projector will power on or enter standby mode.

3.3 Initial Image Setup (Auto-Focus & Keystone)

The Apollo P40 features intelligent auto-focus and 6D auto keystone correction. Once powered on, the projector will automatically adjust the image focus and shape to provide a clear, rectangular picture. If manual adjustment is needed, use the remote control to fine-tune the focus and keystone settings. Ensure the room lights are off during initial auto-calibration for best results.



Figure 3.1: Example of projector placement in a bedroom setting.

4. Operating Instructions

4.1 Navigating the ULTIMEA OS

The ULTIMEA OS provides a straightforward interface. Use the remote control's directional buttons to navigate through menus and select options. The main screen typically includes options for input sources, screen mirroring, file management, and Bluetooth speaker mode.



Figure 4.1: The ULTIMEA OS interface, offering intuitive access to projector functions.

4.2 Adjusting Picture Settings

Access the picture settings menu to adjust brightness, contrast, color temperature, and other display parameters. Experiment with different modes (e.g., Movie, Standard, Vivid) to find your preferred visual experience. Manual zoom is also available for fine-tuning screen size without moving the projector.

4.3 Audio Output

The projector features built-in 10W dual speakers with a DSP chip for clear audio. For external audio, connect Bluetooth speakers or soundbars via the bidirectional Bluetooth 5.1. Alternatively, use the 3.5mm audio output port to connect wired speakers or headphones.



Figure 4.2: The projector's integrated 10W dual speakers for immersive sound.

5. Connectivity

The ULTIMEA Apollo P40 offers a wide range of connectivity options to integrate with your devices:

- **HDMI Ports:** Connect laptops, gaming consoles (Xbox, PlayStation, Nintendo Switch), TV sticks (Fire TV Stick, Roku),

and Blu-ray players.

- **USB Ports:** Play media directly from USB drives or power external devices like streaming sticks.
- **AV Port:** For connecting older devices with composite video and stereo audio outputs.
- **3.5mm Audio Port:** Connect external wired speakers, soundbars, or headphones.
- **Dual-Band WiFi (2.4G + 5G):** For screen mirroring from smartphones and tablets, and for accessing online features of the ULTIMEA OS.
- **Bidirectional Bluetooth 5.1:** Connect to Bluetooth speakers, headphones, or use the projector as a Bluetooth speaker for your phone.



Figure 5.1: The projector's versatile connectivity options for various devices.

6. Maintenance

6.1 Dust Protection

The Apollo P40 features a fully enclosed optical engine, which significantly reduces dust accumulation and maintains image clarity over time. This design helps prevent common issues like blurred or yellowish pictures that can occur with open optical systems.



Figure 6.1: The fully sealed optics system ensures long-term performance by preventing dust intrusion.

6.2 Cleaning

To clean the exterior of the projector, use a soft, dry cloth. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive cleaners or solvents that could damage the surface.

6.3 Storage

When not in use for extended periods, store the projector in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to use the original packaging for storage to protect it from dust and impact.

7. Troubleshooting

Problem	Possible Cause	Solution
No image or distorted image	Incorrect input source, loose cable, focus/keystone issues.	Check input source selection. Ensure HDMI/USB cables are securely connected. Use auto-focus/auto-keystone or manually adjust.
No sound or low sound	Volume too low, incorrect audio output selected, Bluetooth not connected.	Increase projector volume. Check audio output settings. Re-pair Bluetooth devices.
Bluetooth audio lag (especially with internal OS)	Latency inherent to Bluetooth or specific device.	If using a streaming stick (e.g., Fire Stick) with HDMI, connect Bluetooth speakers directly to the streaming stick instead of the projector. For internal OS, try different Bluetooth speakers or use wired audio.
Remote control not responding	Low batteries, obstruction, out of range.	Replace batteries. Ensure no obstructions between remote and projector. The remote supports 360° operation, but direct line of sight is always best.
Projector overheating	Blocked vents, prolonged use in hot environment.	Ensure vents are clear. Operate in a well-ventilated area. Allow cool-down periods if used for extended durations.

8. Specifications

Feature	Detail
Brand	ULTIMEA
Model Number	U0320
Display Resolution	Native 1920 x 1080 (1080P), 4K Decoding Supported

Feature	Detail
Brightness	700 ANSI Lumens
Brightness Uniformity	80%
HDR Support	HDR10
Auto Features	Auto Focus, Auto Keystone Correction (6D, ±50°), Obstacle Avoidance, Screen Alignment
Connectivity Technology	WiFi (2.4G + 5G), Bluetooth (Bidirectional 5.1), HD (HDMI), USB, AV, 3.5mm Audio Port
Speaker Type	Built-In 10W Dual Speakers with DSP
Product Dimensions	10.43 x 10.43 x 4.13 inches
Item Weight	6.23 pounds
Recommended Uses	Indoor/Outdoor Home Cinema, Office Presentations
Optical Engine	Fully Enclosed Dustproof Design
Lamp Life	10+ years service life (estimated)

9. Warranty and Support

9.1 Customer Support

ULTIMEA is committed to providing excellent customer service. For any inquiries, technical assistance, or support, please contact us:

- **Email Support:** support@Ultimea.com
- **Service Availability:** 7/24 Service (via email or phone)
- **Lifetime Customer Support:** Find answers, how-tos, and more through our dedicated support channels.

9.2 Product Warranty

Your ULTIMEA Apollo P40 Projector is covered by a comprehensive warranty. Shop worry-free with our warranty coverage. Please refer to the warranty card included in your product packaging for specific terms and conditions, or contact customer support for details.

© 2024 ULTIMEA. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0BPY15KL9

More documents and user manuals: **https://manuals.plus/**