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Rokid AR spatial

Rokid AR Spatial Glasses Max2 with Station2 User Manual

Your guide to setting up and operating your Rokid AR Spatial Glasses Max2 and Station2.

1. INTRODUCTION

The Rokid AR Spatial Glasses Max2, paired with the Rokid Station2, offers an immersive augmented reality experience with a 3-screen display, high-resolution visuals, and versatile connectivity. This manual provides essential information for setup, operation, and maintenance to ensure optimal performance and user satisfaction.

2. WHAT'S IN THE Box

Your Rokid AR Spatial Glasses Max2 and Station2 package includes the following items:

- Rokid Max2 AR glasses
- Rokid Station2
- USB C cable

Image: Unboxing the Rokid Max2 AR glasses and Station2, showing all included components.

3. PRODUCT OVERVIEW

Rokid Max2 AR Glasses

- **Micro OLED Display:** 1920×1200 resolution, 120Hz refresh rate, 600 nits brightness, 108% sRGB.
- **Weight:** Approximately 75 grams.
- **Comfort:** Soft, flexible temples and redesigned airy cushioning nose pad for reduced pressure fatigue.
- **Myopia & IPD Adjustment:** Supports up to 600 degrees myopia correction (astigmatism not supported). Auto IPD adjustment (55–72mm) when paired with Station2.
- **Audio:** Built-in speakers with 3D Spatial Audio.



Image: The Rokid Max2 AR Glasses, showcasing their sleek design and integrated components.

Rokid Station2

- **Battery:** 5000mAh (3.5h runtime).
- **Memory/Storage:** 8GB RAM + 128GB storage.
- **Connectivity:** Wi-Fi 6, Bluetooth 5.2, Dual Type-C ports.
- **Operating System:** YodaOS-Master.
- **Weight:** 0.31kg.

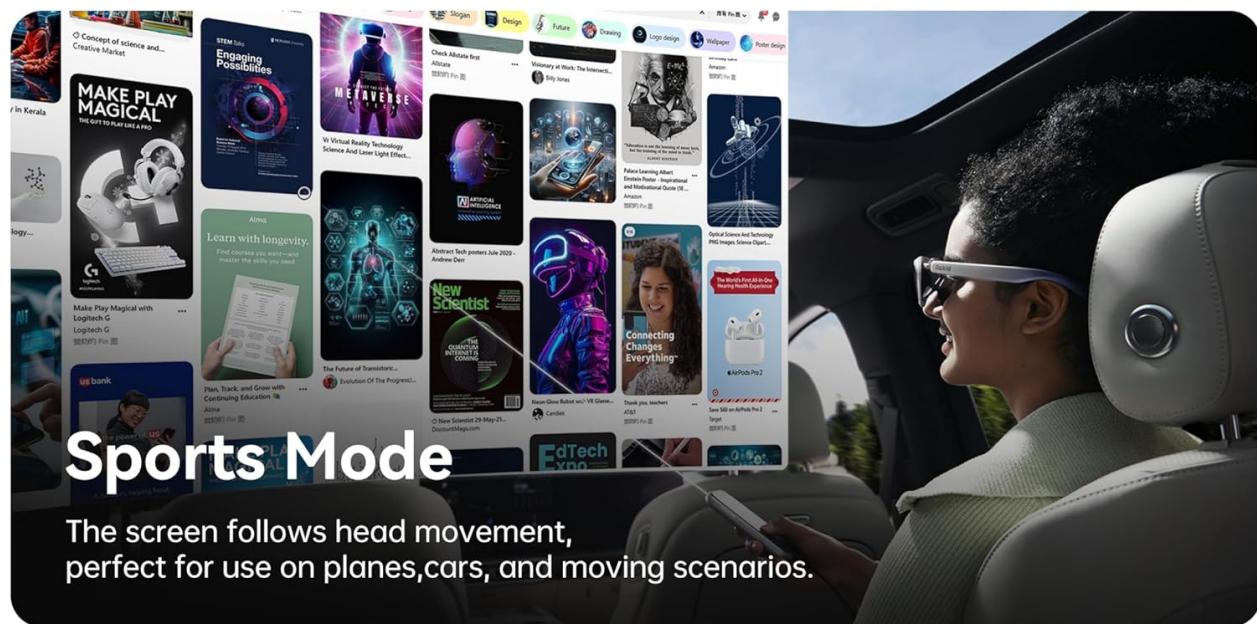
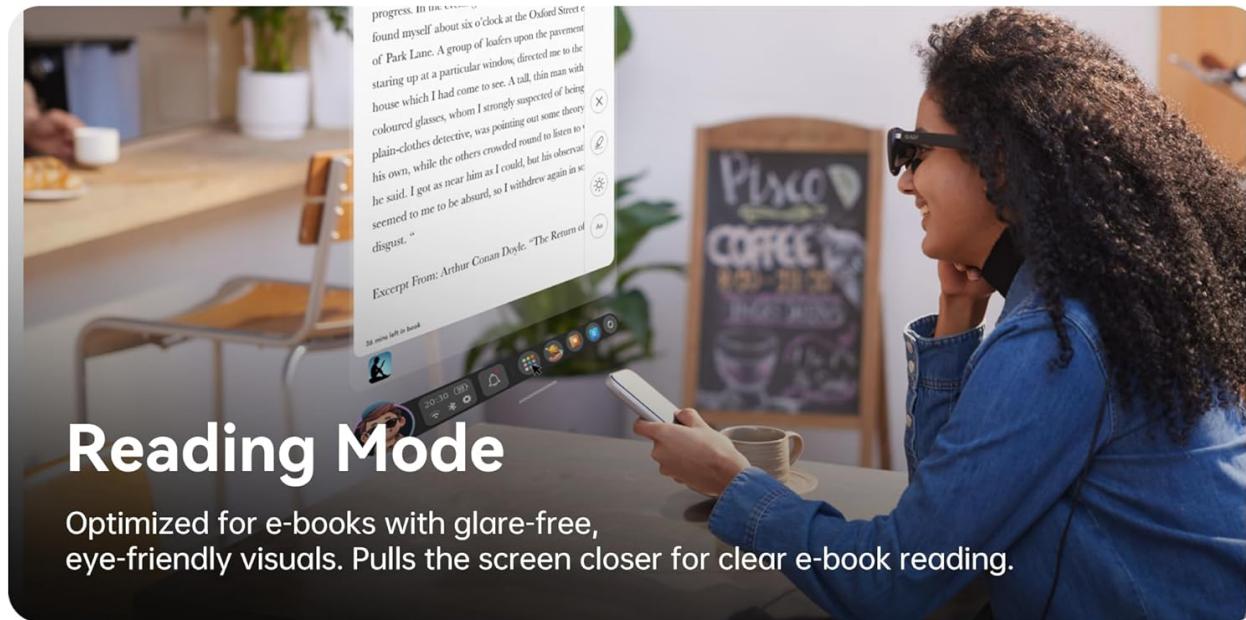


Image: The Rokid Station2, a compact spatial computer designed to power the AR glasses.

4. SETUP

Connecting the Rokid Max2 Glasses

The Rokid Max2 glasses connect via a USB-C cable. Ensure your device supports DisplayPort Alt Mode for direct connection.

- **iOS/iPadOS/macOS:** Connect directly using the included Type-C cable.
- **Android Phones:** Most Android phones supporting DisplayPort can connect directly via USB-C. For phones without DisplayPort, wireless connection via DLNA protocol (Miracast and ChromeCast are single-screen only) is supported through the Station2.
- **Windows Laptops:** Laptops with USB-C ports can connect directly. Laptops without USB-C but with an HDMI port can connect via an HDMI adapter.

Image: Diagram illustrating various connectivity options for Rokid Max2 glasses with different devices.

Connecting to Gaming Devices

For an enhanced gaming experience, connect your Rokid AR Spatial Glasses to popular gaming consoles:

- **Nintendo Switch:** Use the Rokid Hub for plug & play functionality.
- **PS5, Xbox:** Connect via an HDMI adapter.
- **Steam Deck:** Supports direct connection.

Video: Demonstration of connecting Rokid AR Spatial glasses to gaming consoles like PS5 and Nintendo Switch for an immersive gaming experience.

5. OPERATING INSTRUCTIONS

Powering On/Off

To power on the Rokid Station2, press and hold the power button located on the side of the device until the indicator light illuminates. To power off, press and hold the power button again until the indicator light turns off.

Display Modes and Screen Sizes

The Rokid AR Spatial Glasses offer various display modes and adjustable screen sizes to suit your needs:

- **3-Screen Multitasking:** Allows simultaneous use of up to 3 applications for enhanced productivity or entertainment. (Note: On Android phones, 3-screen display is supported via DLNA protocol only; Miracast and ChromeCast are limited to single-screen mode).
- **4 Smart Modes:**
 - *Reading Mode:* Optimized for e-books with glare-free, eye-friendly visuals. Screen moves with head (0DoF).
 - *Giant Screen Mode:* Provides an immersive viewing experience with the display fixed in space (3DoF).
 - *Sports Mode:* Screen moves with head (0DoF), ideal for use in moving scenarios.
 - *Multi-Screen Mode:* Supports multiple applications with the display fixed in space (3DoF).
- **3 Screen Sizes:** Each mode is adjustable to Wide (16:9), Narrow (3:4), or Ultra-Wide (21:9) ratios. In Giant Screen Mode, the aspect ratio can expand up to 32:9.

Video: Practical demonstration of the three-sided display feature in AR Spatial, showing multiple screens in use.

Interaction and Controls

Navigate the interface using various intuitive methods:

- **Gesture-based Spatial Rays:** Point and select using hand gestures.
- **Voice Commands:** Control functions using your voice.
- **Touch:** Utilize the touch interface on the Station2.
- **External Devices:** Connect gamepads or keyboards via Bluetooth or USB for precise control.

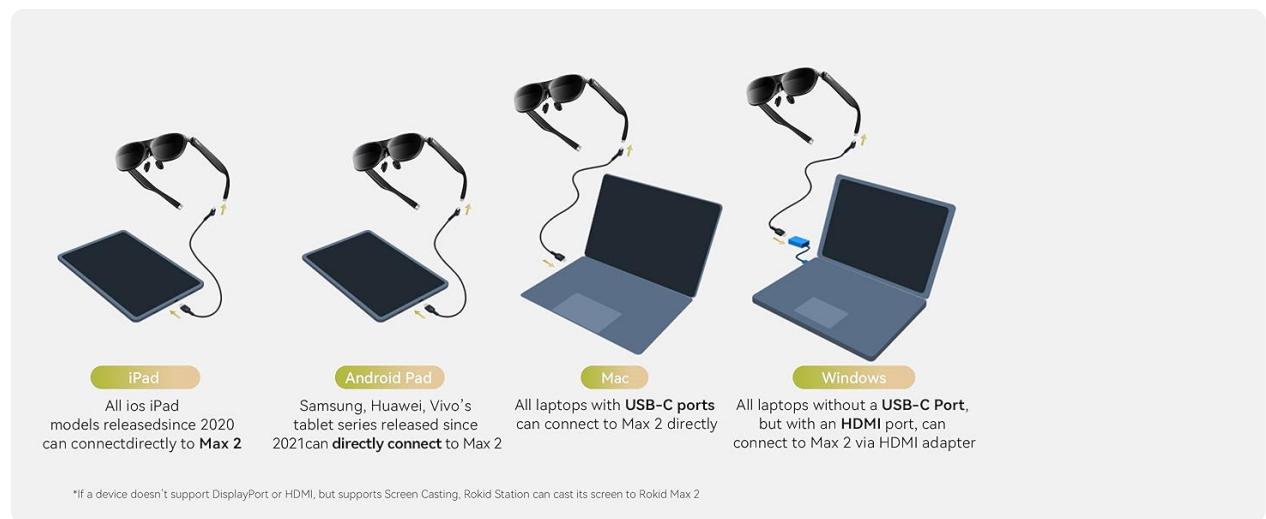


Image: Visual representation of different interaction methods for Rokid AR Spatial, including ray casting and touch controls.

Myopia and IPD Adjustment

Adjust the focus and interpupillary distance (IPD) for optimal viewing clarity:

- **Myopia Adjustment:** Fine-tune the adjustment dials on top of the glasses to correct myopia up to 600 degrees. Users with higher myopia may need separate prescription lenses.
- **IPD Adjustment:** The Station2 provides automatic IPD adjustment between 55–72mm.

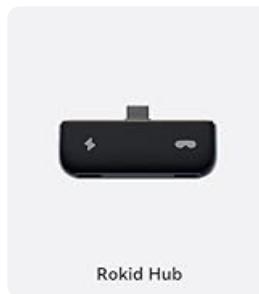


Image: Close-up of the myopia adjustment dial on the Rokid Max2 glasses, allowing users to fine-tune focus.

6. MAINTENANCE

Cleaning

To maintain optimal visual clarity, regularly clean the lenses and surfaces of your Rokid Max2 glasses and Station2. Use a soft, lint-free cloth. For stubborn smudges, a small amount of lens cleaning solution designed for optical surfaces can be applied to the cloth, not directly to the lenses.

Lens Fitting and Replacement

The Rokid Max2 glasses allow for easy lens fitting and replacement, particularly for prescription lenses. Follow these steps:

1. Gently remove the existing nose pad and any installed corrective lenses.
2. Align your new prescription lenses with the designated slots.
3. Carefully press the lenses into place until they click securely.
4. Reattach the nose pad, ensuring it is firmly in position.

7. TROUBLESHOOTING

If you encounter issues with your Rokid AR Spatial Glasses or Station2, consider the following common solutions:

- **Blurry Vision:** Ensure the myopia adjustment dials are correctly set for your vision. If you have astigmatism or myopia greater than 600 degrees, separate prescription lenses may be required.
- **Screen Drift:** In 3DoF modes (Giant Screen, Multi-Screen), the display should remain fixed. If the screen drifts, try restarting the device or recalibrating the spatial tracking.
- **Overheating:** The Station2 may generate heat during extended use or charging. Ensure adequate ventilation and avoid covering the device. If it becomes excessively hot, discontinue use and allow it to cool.
- **App Compatibility:** Some applications, particularly those not optimized for AR or specific aspect ratios (e.g., File Assistant), may not function as expected. Ensure your YodaOS-Master system is updated for the latest compatibility.
- **Connection Issues:** Verify that all cables are securely connected and that your host device supports the necessary DisplayPort Alt Mode or DLNA protocols.

8. SPECIFICATIONS

Feature	Detail
Product Dimensions	8.66 x 6.69 x 5.31 inches
Item Weight	2.4 pounds
Item Model Number	AR spatial
Batteries	1 D batteries required. (included)
Standing Screen Display Size	360 Inches
Memory Storage Capacity	8 GB
RAM Memory Installed Size	8 GB
Operating System	YodaOS-Master
Special Feature	3D Spatial Audio, Built-In Speakers, IPD Adjustment Dial, Three-Screen Display
Battery Capacity	5000 Milliamp Hours
Connectivity Technology	Bluetooth, USB, Wi-Fi

Feature	Detail
Wireless Communication Standard	802.11ax
Battery Cell Composition	Lithium Ion
GPS	No GPS
Shape	Rectangular
Screen Size	360 Inches

9. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the official Rokid website or contact customer service through the details provided in your product packaging. You can also visit the [Rokid Store on Amazon](#) for additional resources and product information.