

Rokid AR spatial

Rokid AR Spatial User Manual

Model: AR spatial

1. INTRODUCTION

The Rokid AR Spatial system, featuring Max2 AR glasses and the Station2 spatial computer, offers an advanced augmented reality experience. This system is designed for enhanced productivity, immersive gaming, and dynamic entertainment through its unique 3-screen multitasking capabilities and adaptive display modes. This manual will guide you through the proper use and care of your device.

2. WHAT'S IN THE BOX

Please verify that all the following items are included in your package:

- Rokid Max 2 AR Glasses
- Rokid Station 2 Spatial Computer
- USB-C Cable
- Eyewear Storage Case
- Warranty Card + User Manual

IN THE BOX



Max 2



Station 2

Figure 2.1: Included components for Rokid Max 2 and Station 2.

3. SETUP

3.1 Initial Connection

1. Connect the Rokid Max 2 AR Glasses to the Rokid Station 2 using the provided USB-C cable. Ensure the connection is secure.
2. Power on the Rokid Station 2 by pressing and holding the power button until the indicator light illuminates.
3. Follow the on-screen prompts in the AR glasses for initial setup, including language selection and Wi-Fi connection.



Figure 3.1: Rokid Max 2 AR Glasses connected to Station 2.

3.2 Myopia and IPD Adjustment

The Max 2 AR glasses support myopia correction up to 600 degrees. Adjust the dials on top of the glasses to achieve optimal visual clarity. For users with myopia exceeding 600 degrees, separate prescription lenses may be required. When paired with Station2, the Interpupillary Distance (IPD) automatically adjusts between 55-72mm for comfortable viewing.

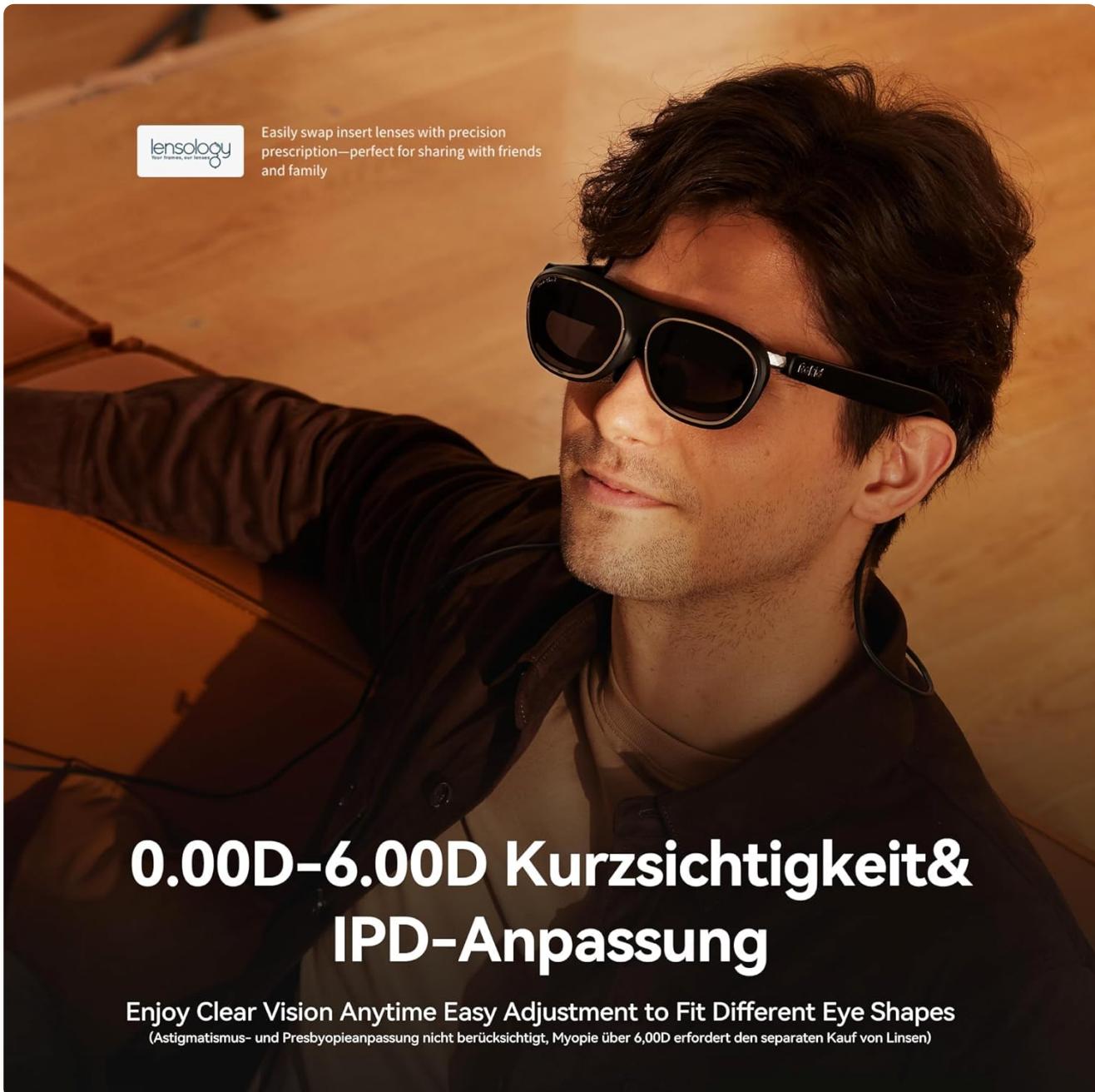


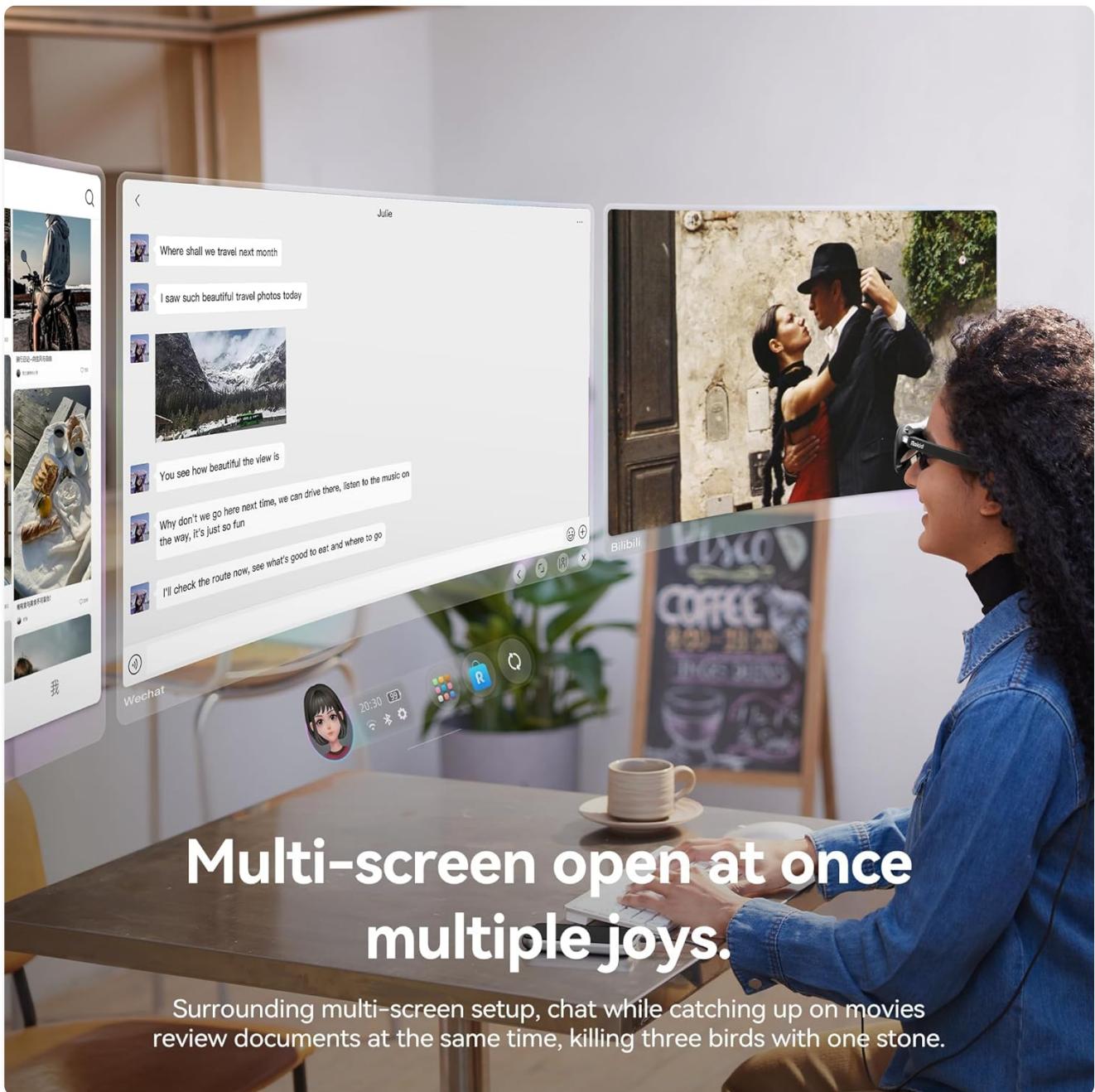
Figure 3.2: Myopia and IPD adjustment for personalized comfort.

4. OPERATING INSTRUCTIONS

4.1 Display Modes and Multitasking

The Rokid AR Spatial offers versatile display options:

- **3-Screen Multitasking:** Simultaneously use up to three applications for enhanced productivity or entertainment. *Note: This feature is supported via DLNA protocol when connecting with Android phones. Miracast and ChromeCast connections are limited to single-screen mode.*
- **4 Smart Modes:** Switch between Reading, Giant Screen, Sports, and Multi-Screen modes.
- **3 Screen Sizes:** Adjust the aspect ratio to Wide (16:9), Narrow (3:4), or Ultra-Wide (21:9). In Giant Screen Mode, the aspect ratio can expand up to 32:9 for an immersive viewing experience.



Multi-screen open at once multiple joys.

Surrounding multi-screen setup, chat while catching up on movies
review documents at the same time, killing three birds with one stone.

Figure 4.1: Multi-screen multitasking for enhanced productivity.



Figure 4.2: Immersive 300-inch virtual screen experience.

4.2 3DoF Functionality

The system supports different degrees of freedom for display stability:

- **3DoF (Three Degrees of Freedom):** In Giant Screen Mode and Multi-Screen Mode, the display remains fixed in space, independent of your head movements.
- **0DoF:** In Sports Mode and Reading Mode, the screen moves along with your head. *Note: Netflix/Apple TV only support 0DoF.*



Lesen Modus

Optimiert für E-Books mit augenschonender Darstellung.
Zoom-Funktion für bessere Lesbarkeit.



Sport Modus

Der Bildschirm folgt den Kopfbewegungen,
perfekt für die Verwendung in Flugzeugen, Autos und bewegten Szenarien.

Figure 4.3: Reading Mode and Sport Mode in action.

4.3 Visuals and Ecosystem

Experience cinematic visuals with the Max2 AR glasses, featuring a 50% larger Micro OLED display compared to previous models. It boasts a 1920×1200 resolution, 120Hz refresh rate, 600 nits brightness, and 108% sRGB for vivid, lag-free visuals.

Access the exclusive Rokid Ecosystem via Station2's app store for popular streaming services like Netflix, YouTube, and Prime Video, as well as 3D games. The system also allows seamless connection to gaming devices such as Nintendo Switch, PS5, and Xbox for an immersive gaming experience.

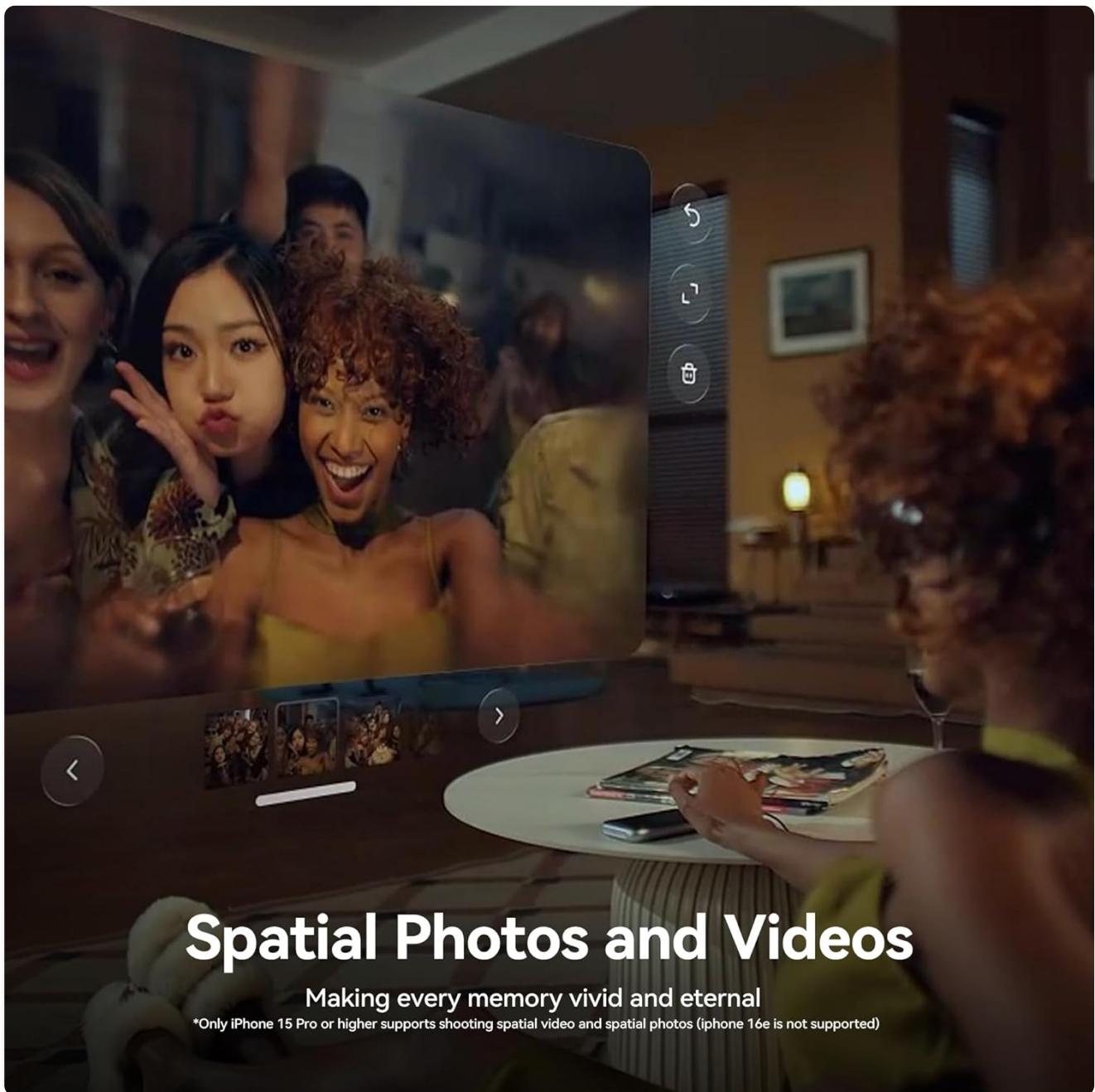


Figure 4.4: Viewing spatial photos and videos.

4.4 Controls and Interaction

Navigate the Rokid AR Spatial system using various intuitive control methods:

- **Gesture-based Spatial Rays:** Point and select using hand gestures.
- **Voice Commands:** Control the system with your voice.
- **Touch:** Utilize touch interactions on the Station2 or connected peripherals.
- **External Peripherals:** Connect gamepads or keyboards via Bluetooth/USB for precision control.

The system runs on YodaOS-Master, which receives regular updates to ensure compatibility with evolving AR/XR content.

Interaction Controller Ray



Vertikaler/Horizontaler Controller Touch-Interaktion



Figure 4.5: Interaction methods for the Rokid AR Spatial.

4.5 Spatial Album & Cross-Device Sharing

Relive your memories in 3D with the Spatial Album feature, compatible with smartphones. Easily flash-transfer content from your phone or other Station2 devices using the Rokid AR app.

5. MAINTENANCE

5.1 Cleaning the AR Glasses

- Use a soft, lint-free cloth, preferably microfiber, to gently wipe the lenses and frame.
- For stubborn smudges, slightly dampen the cloth with water or a lens cleaning solution specifically designed for optical surfaces.
- Avoid using abrasive materials, alcohol, or harsh chemicals, as these can damage the coatings and surfaces.

5.2 Cleaning the Station2

- Wipe the exterior of the Station2 with a soft, dry cloth.
- Keep the USB-C ports free from dust and debris. Use a soft brush or compressed air if necessary.

5.3 Storage

When not in use, store the Rokid Max 2 AR Glasses and Station 2 in the provided eyewear storage case to protect them from dust, scratches, and impacts. Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 No Display in AR Glasses

- Ensure the USB-C cable connecting the glasses to Station2 is securely plugged in at both ends.
- Verify that Station2 is powered on and has sufficient battery charge.
- Restart both the AR glasses (by unplugging and replugging) and the Station2.

6.2 Connectivity Issues (Wi-Fi/Bluetooth)

- Check Wi-Fi settings on Station2 to ensure it's connected to the correct network.
- For Bluetooth devices, ensure they are in pairing mode and within range.
- Restart Station2 and attempt to reconnect.

6.3 3-Screen Multitasking Not Working

- Confirm that your Android phone supports DLNA protocol for multi-screen display. Miracast and ChromeCast are limited to single-screen.
- Ensure the Rokid AR app is updated to the latest version.

6.4 Battery Draining Quickly

- Reduce screen brightness if possible.
- Close unused applications running in the background on Station2.
- Ensure the device is fully charged before use. Dual Type-C ports allow charging while using.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	8.66 x 6.69 x 5.31 inches
Item Weight (Glasses)	2.65 ounces (75g)
Item Model Number	AR spatial

Feature	Detail
Batteries	1 D battery required (included, for Station2)
Brand	Rokid
Color	Black
Special Features	Gaze Tracking, Sport Follow Mode, Ultra Wide Screen, Ultra-comfortable nose rest, Triple screen
Connectivity Technology	Wi-Fi, Bluetooth 5.2
Compatible Devices	Game Console, Personal Computer, Smartphone, Tablet, Television
Specific Uses For Product	Gaming, Video, Work
Age Range (Description)	Adult
Max2 Glasses Display	Micro OLED, 1920x1200 resolution, 120Hz refresh rate, 600 nits brightness, 108% sRGB
Myopia Support	Up to 600 degrees (astigmatism not supported)
IPD Adjustment	Auto 55–72mm (with Station2)
Station2 Battery	5000mAh (approx. 3.5h runtime)
Station2 Storage	8GB RAM + 128GB storage
Station2 Ports	USB-C x2

The Rokid Max 2 AR glasses are TÜV Rheinland certified for low blue light, flicker-free display, and eye comfort.

Zertifiziert von TÜV Rheinland

Das von TÜV Rheinland zertifizierte Rokid Max 2 hat die Tests für niedriges blaues Licht, Flimmerfreiheit und Augenkomfort (AR) bestanden.



Figure 7.1: TÜV Rheinland certifications for eye comfort.

8. WARRANTY AND SUPPORT

Your Rokid AR Spatial system comes with a warranty. Please refer to the included Warranty Card for detailed terms and conditions. For further assistance, technical support, or to access additional resources, please visit the official Rokid website or refer to the comprehensive PDF documents:

- [Instructions for Use \(IFU\) \(PDF\)](#)
- [Installation Manual \(PDF\)](#)

Documents - Rokid – AR spatial



[Rokid Station 2 User Manual](#)

User manual for the Rokid Station 2, providing instructions on setup, operation, safety precautions, and warranty information.

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