

VRPark VR Glasses

VRPark VR Glasses User Manual

Model: VR Glasses

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your VRPark VR Glasses. Please read this manual thoroughly before operating the device and retain it for future reference. These VR Glasses are designed to provide an immersive virtual reality experience when paired with a compatible smartphone.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x VRPark VR Glasses with Integrated Headphones
- 1 x User Manual (this document)
- 1 x Lens Cleaning Cloth

2.2 Key Features

- **Immersive 360° Experience:** High-quality VR content for a new virtual world.
- **Integrated Headphones:** 3D phase sound technology for an immersive audio experience with good sound insulation and strong bass.
- **Adjustable Optics:** Dual adjustment for object distance and interpupillary distance, supporting myopia up to 400 degrees.
- **Smartphone Compatibility:** Supports smartphones ranging from 4.5 to 6.0 inches.
- **Comfortable Design:** Engineered for high comfort and breathability during extended use.

2.3 Product Components



Figure 1: Front-side view of the VRPark VR Glasses, showing the main body, adjustable head strap, and integrated headphones.



Figure 2: Front view of the VR Glasses, highlighting the VRPark logo and blue light accents on the front panel.



Figure 3: Side view of the VR Glasses with the front panel opened, illustrating the compartment where a smartphone is inserted.



Figure 4: Interior view of the VR Glasses, displaying the optical lenses and the comfortable face padding. The design accommodates users wearing prescription glasses.

3. SETUP

1. Prepare your Smartphone:

- Ensure your smartphone is fully charged.
- Download and install VR applications or content from your smartphone's app store.
- Disable screen rotation lock for optimal viewing.

2. Open the Front Panel: Gently press the release button or slide the front cover of the VR Glasses to open the smartphone compartment.

3. Insert Smartphone: Place your smartphone into the designated holder within the compartment. Ensure it is centered and securely held. Connect the 3.5mm audio jack from the VR Glasses to your smartphone's headphone port.

4. Close the Front Panel: Carefully close the front panel until it clicks into place, securing your smartphone.

5. Adjust Head Strap: Place the VR Glasses on your head and adjust the elastic head straps for a comfortable and secure fit. The straps should hold the device firmly without causing discomfort.

4. OPERATING INSTRUCTIONS

1. Start VR Content: Launch your chosen VR application or video on your smartphone before inserting it into the VR Glasses.

2. Wear the Headset: Put on the VR Glasses, ensuring the lenses are aligned with your eyes.

3. Adjust Focus and IPD: Use the adjustment dials on the top and sides of the headset to fine-tune the focus and interpupillary distance (IPD) until the image is clear and comfortable for both eyes. Refer to Section 5 for detailed adjustment instructions.

4. Audio Control: Use the volume controls on the VR Glasses (if available) or your smartphone to adjust the audio level.

5. Interaction: Interact with VR content using your smartphone's touch screen (if accessible through the headset design) or a compatible Bluetooth VR controller (sold separately).

5. ADJUSTMENTS

5.1 Interpupillary Distance (IPD) Adjustment

The IPD adjustment allows you to match the distance between the lenses to the distance between your pupils for optimal viewing clarity and comfort. Locate the IPD adjustment dial (usually on the top of the headset) and rotate it until the image appears as a single, clear picture without eye strain. The adjustable range is 55-72mm.

5.2 Object Distance (Focus) Adjustment

The object distance adjustment allows you to fine-tune the focus of the lenses. Locate the focus adjustment dials (usually on the sides of the headset) and rotate them until the image is sharp and clear. This adjustment is particularly useful for users with varying vision, including support for myopia below 400 degrees. The adjustable range is 55-70mm.

6. SMARTPHONE COMPATIBILITY

The VRPark VR Glasses are compatible with smartphones ranging from 4.5 to 6.0 inches in screen size. Ensure your smartphone fits securely within the device's compartment before use.

7. AUDIO FEATURES

The integrated headphones provide a high-quality audio experience with 3D phase sound technology. Key audio specifications include:

- **Speaker Sensitivity:** 112dB/mW
- **Speaker Impedance:** 32Ω
- **Frequency Response Range:** 20-20000Hz
- **Plug Type:** 3.5mm in-line type

Ensure the 3.5mm audio jack is securely connected to your smartphone's headphone port for sound output.

8. MAINTENANCE

- **Lens Cleaning:** Use the provided lens cleaning cloth to gently wipe the optical lenses. Do not use abrasive materials or chemical cleaners, as this may damage the lens coating.
- **Exterior Cleaning:** Wipe the exterior of the VR Glasses with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying.
- **Storage:** Store the VR Glasses in a cool, dry place away from direct sunlight and extreme temperatures. Keep them free from dust and moisture.
- **Avoid Impact:** Protect the device from drops or impacts, which can damage internal components or the lenses.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Blurred image	Incorrect focus or IPD adjustment. Lenses are dirty.	Adjust the focus and IPD dials (Section 5). Clean the lenses with the provided cloth (Section 8).

Problem	Possible Cause	Solution
No sound from headphones	3.5mm audio jack not fully connected. Smartphone volume too low or muted.	Ensure the audio jack is fully inserted into your smartphone. Increase smartphone volume. Check smartphone audio settings.
Smartphone not fitting securely	Smartphone size outside compatible range. Incorrect placement.	Verify your smartphone screen size is between 4.5 and 6.0 inches. Re-position the smartphone carefully within the holder.
Discomfort during use	Head strap too tight or loose. Improper fit on face.	Adjust the head straps for a comfortable, snug fit. Ensure the headset rests evenly on your face. Take breaks during extended use.

10. SPECIFICATIONS

Feature	Detail
Brand	VRPark
Model Name	VR Glasses
Material	ABS
Host Size	200 x 110 x 216 mm
Net Weight	460g
Lens Material	PMMA
Lens Diameter	42mm
Viewing Angle (FOV)	90 degrees
Smartphone Compatibility	4.5 to 6.0 inch screen size
Myopia Support	Up to 400 degrees
Adjustable Interpupillary Distance (IPD)	55-72 mm
Adjustable Object Distance (Focus)	55-70 mm
Speaker Sensitivity	112dB/mW
Speaker Impedance	32Ω
Frequency Response	20-20000Hz
Audio Plug	3.5mm in-line
Operating System	VRPARK proprietary OS (for internal functions, not smartphone OS)
Specific Uses	Gaming, Video

11. SAFETY INFORMATION

- Do not use the VR Glasses while driving, walking, or engaging in activities that require your full attention to your surroundings.
- Take regular breaks during extended use to prevent eye strain, dizziness, or discomfort.
- If you experience any discomfort, dizziness, or nausea, discontinue use immediately.
- Keep the device away from water and other liquids.
- Do not expose the device to extreme temperatures or direct sunlight for prolonged periods.
- This product is not a toy. Keep out of reach of small children.

12. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your proof of purchase for warranty claims.

For further assistance, please visit the official VRPark website or contact their customer service department.

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