

VR EMPIRE V10.0

VR EMPIRE VR Headset V10.0 Instruction Manual

1. INTRODUCTION

Thank you for choosing the VR EMPIRE VR Headset V10.0. This virtual reality headset is designed to provide an immersive 3D experience using your smartphone. Featuring a 120-degree field of view, anti-blue light lenses for eye protection, and integrated stereo headphones, it offers a comfortable and engaging virtual reality experience. This manual will guide you through the setup, operation, and maintenance of your new VR headset.

2. PRODUCT OVERVIEW & COMPONENTS

Familiarize yourself with the various parts of your VR EMPIRE VR Headset V10.0.



Image 2.1: Labeled diagram of the VR EMPIRE VR Headset V10.0, highlighting key components and smartphone placement.

Package Contents:

- VR EMPIRE VR Headset V10.0
- Headstrap
- Charging Cable (Micro USB)
- User Guide (this manual)

Headset Features:

- **Front Cover Open Button:** Releases the front cover to insert your smartphone.
- **Mobile Stand:** Secures your smartphone inside the headset.
- **Split Line:** Helps align your smartphone for optimal viewing.
- **Focal Distance Adjustment:** Dials on the sides to adjust the lens focus for each eye.
- **Pupil Distance Button:** Adjusts the distance between the lenses to match your interpupillary distance.
- **Touch Mobile Screen Button:** Allows interaction with the smartphone screen without removing it.
- **Micro USB Charge Port:** For charging the built-in Bluetooth headphones.
- **Multifunction Key:** Controls playback, calls, and other functions.
- **Volume +/-:** Adjusts audio volume.

- **Hidden Microphone:** For hands-free communication.

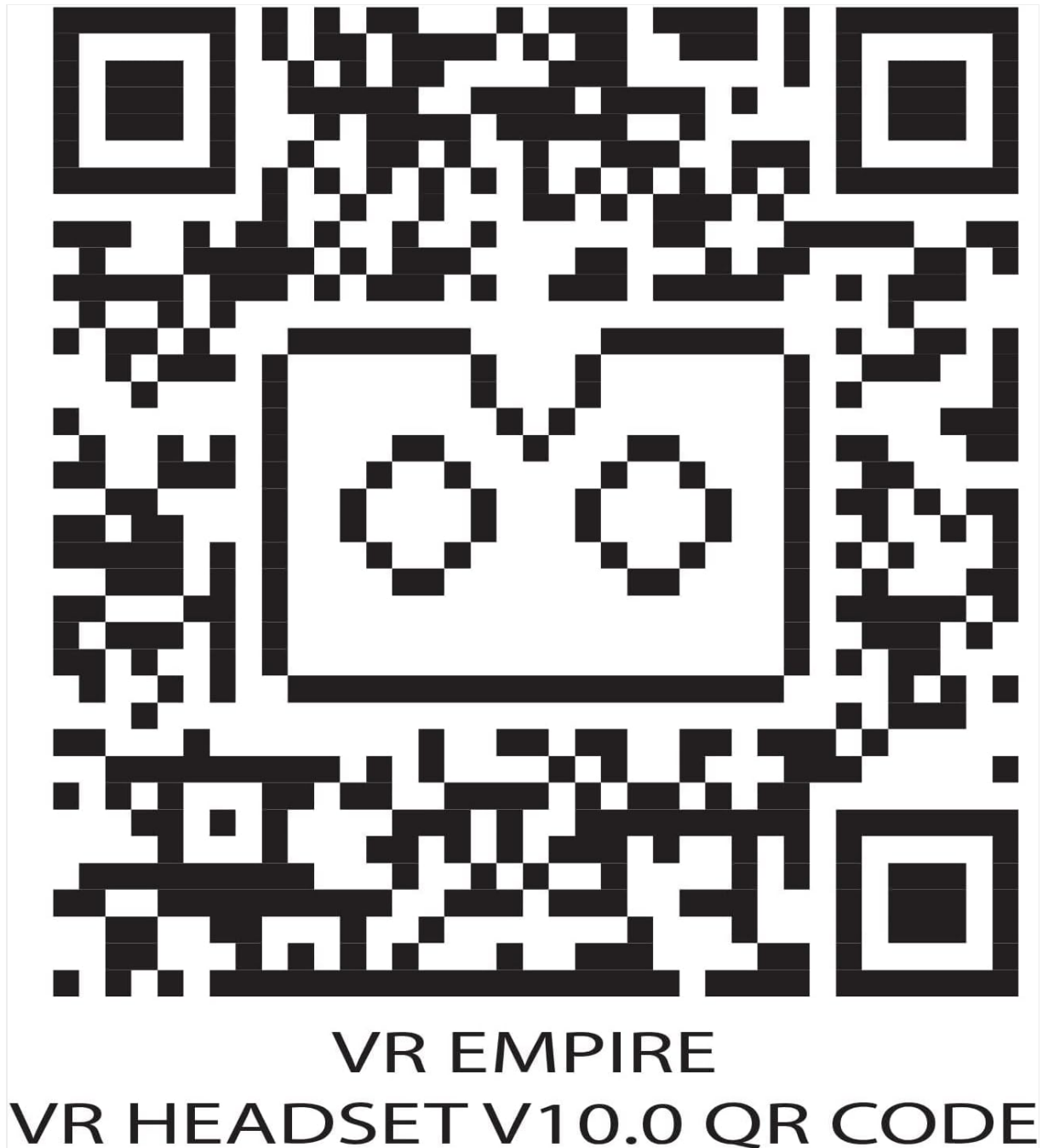


Image 2.2: Side view of the headset with control labels.

3. SETUP INSTRUCTIONS

3.1. Smartphone Insertion

1. Press the front cover open button to release and open the front cover of the headset.
2. Ensure your smartphone is running a VR-compatible application or video in split-screen mode.
3. Carefully place your smartphone into the mobile stand, aligning the split line on the screen with the middle line of the two lenses in the headset.
4. Close the front cover securely until it clicks into place.

3.2. Adjusting the Headset

1. Place the headset on your head and adjust the headstraps for a snug yet comfortable fit.

2. Adjust the integrated stereo headphones to align with your ears. The headphones can be rotated and extended for optimal positioning.
3. Use the focal distance adjustment dials on the sides of the headset to sharpen the image for each eye individually. Turn the dials until the image appears clear.
4. Adjust the pupil distance using the button on the top of the headset to ensure the two images merge into a single, comfortable view.



Image 3.1: Adjusting individual lens focus.



Image 3.2: Adjusting pupil distance.

3.3. Bluetooth Connection

To use the integrated stereo headphones, ensure they are charged and connected via Bluetooth to your smartphone. Refer to your smartphone's Bluetooth settings to pair with the headset.

4. OPERATING INSTRUCTIONS

4.1. Using the Controls

Key Name	Long Press 3s	Single Click	Double Click
Multifunction key	Power on/Power off	Play / Pause / Answer Call / Hang up	Reject a call / Make a Call
Volume +	/	Volume +	Last (track)

Key Name	Long Press 3s	Single Click	Double Click
Volume -	/	Volume -	Next (track)

The touch mobile screen button on the top of the headset allows you to interact with your smartphone screen for selections within VR apps without needing to remove the phone.

4.2. Finding VR Content

To enjoy virtual reality content, download VR applications from your smartphone's app store (Apple App Store or Google Play Store). Search for "VR" apps or games.



How to use Multifunction Key & Volume + -

Key Name	Long Press 3 s	Single Click	Double Click
Multifunction key	Power on/Power off	Play / Pause / Answer call / Hang up	Reject a call/Make a Call
Volume +	/	Volume +	Last
Volume -	/	Volume -	Next

Image 4.1: Examples of VR apps available for download.

For 360-degree VR videos, open your YouTube app and search for keywords like "VR Videos 360 Split Screen".



Image 4.2: Examples of 360-degree VR videos on YouTube.

Some VR apps may require a QR code for calibration. You can find the VR EMPIRE V10.0 QR code below:



Image 4.3: VR EMPIRE VR Headset V10.0 QR Code. Link: wgc.page.link/Uop7r

4.3. How to Use VR EMPIRE VR Headset (Video)

Your browser does not support the video tag.

Video 4.1: A demonstration video showing how to set up and use the VR EMPIRE VR Headset, including phone insertion, adjustments, and basic operation.

5. KEY FEATURES

- **120-Degree Field of View (FOV):** Provides a wider, more immersive viewing experience, closely matching human eyesight.



Image 5.1: Visual representation of the 120-degree FOV.

- **Anti-Blue Light Lenses:** Integrated lenses designed to protect your eyes from harmful blue light, reducing eye strain during extended use.



Image 5.2: Anti-Blue Light Lens protection.

- **Integrated Stereo Headphones:** Built-in headphones connect via Bluetooth for immersive audio.
- **Adjustable Lenses:** Independent focal and pupil distance adjustments for personalized visual clarity.
- **Touch Screen Interaction:** A physical button allows interaction with the smartphone screen without opening the headset.
- **Ergonomic Design:** Comfortable headstraps and soft padding for extended wear.

6. COMPATIBILITY

The VR EMPIRE VR Headset V10.0 is compatible with most smartphones that have a GYRO SENSOR and a screen size between 4.0 and 7.3 inches. The phone's body length should be between 4.8 and 6.7 inches.

Supported Operating Systems:

- Android
- iOS (iPhone)
- Windows (for compatible smartphones)

Examples of Compatible Phone Models:

iPhone 15/15 Pro/15 Pro Max/15 Plus/14/14 Pro/14 Pro Max/14 Plus/13/13 Pro/13 Pro Max/13 Mini/12/12 Pro/12 Pro Max/12 Mini/11/11 Pro/11 Pro Max/Xs Max/XR/X/Xs, Samsung s23 plus/s23/s22 plus/s22/s21 plus/s21 fe/s21/s21 Ultra/s20 plus/s20 fe/s20/S10 Plus/S10e/s10/note 20 ultra/note 20/note 10 plus/s9 plus/s9/s8 plus/s8/A51/A50/A42/A32/A21/A20/A9/A7(2017)/A6/A5(2017)/J7Peo/J5(2017)/J3 S23 Ultra/S22 Ultra/S20 Ultra, HTC, HP, LG, Google Pixel, Motorola, Lenovo, etc.

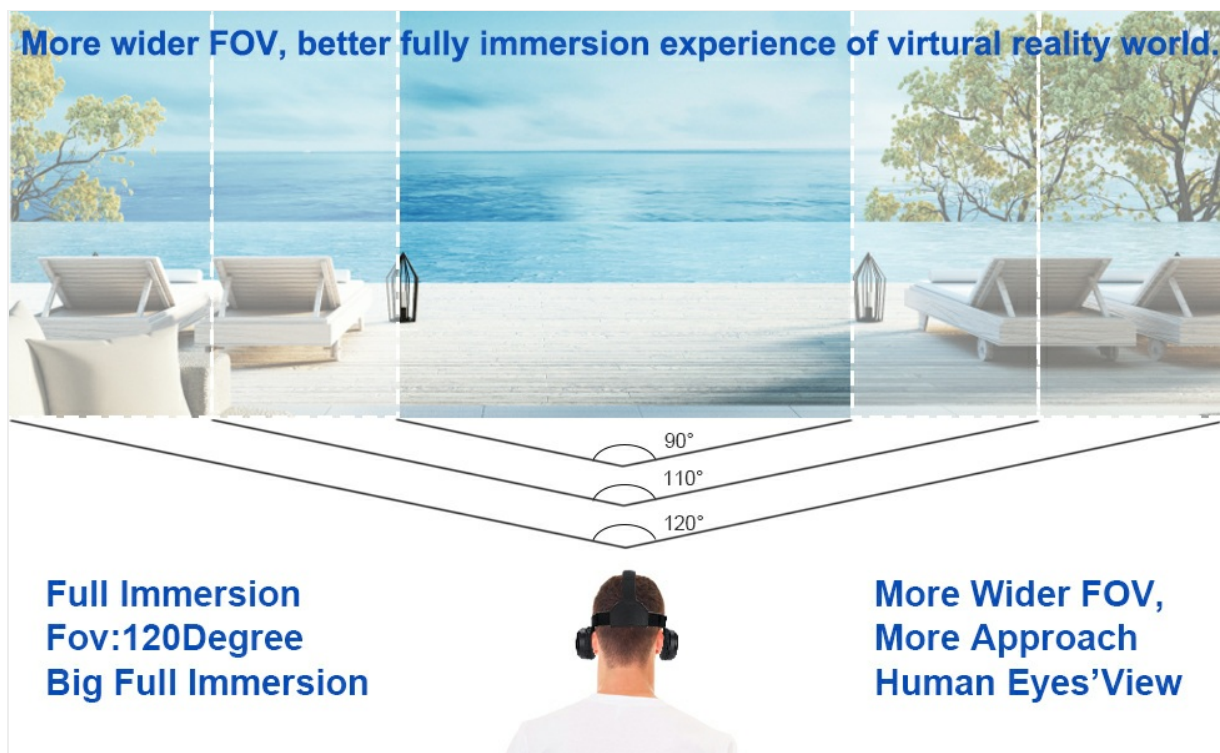


Image 6.1: Smartphone compatibility guide.

7. MAINTENANCE

7.1. Cleaning the Lenses

Use a soft, dry microfiber cloth specifically designed for optical lenses to clean the headset lenses. Do not use abrasive cloths, paper towels, or cleaning solutions that may scratch or damage the lenses.

7.2. Cleaning the Headset Body

Wipe the exterior of the headset with a soft, slightly damp cloth. Avoid using harsh chemicals or solvents. Ensure no liquid enters the electronic components.

7.3. Storage

Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. Keep it free

from dust and debris when not in use.

8. TROUBLESHOOTING

8.1. Blurry Image

- Ensure your smartphone screen is clean.
- Adjust the focal distance dials for each eye until the image is clear.
- Adjust the pupil distance button to align the lenses with your eyes.
- Verify that your smartphone is correctly centered and aligned with the split line inside the headset.

8.2. No Sound from Headphones

- Check if the integrated headphones are charged.
- Ensure the headphones are successfully paired via Bluetooth with your smartphone.
- Verify the volume levels on both the headset (Volume +/- buttons) and your smartphone.

8.3. Smartphone Not Fitting

- Confirm your smartphone's screen size is between 4.0 and 7.3 inches and its body length is between 4.8 and 6.7 inches.
- Remove any bulky phone cases that might prevent proper fitting.

8.4. Controls Not Responding

- Ensure the headset's Bluetooth is connected to your smartphone.
- Check if the headset's battery is charged.
- Restart both your smartphone and the headset.

9. SPECIFICATIONS

Feature	Specification
Brand	VR EMPIRE
Model Number	V10.0
Field Of View (FOV)	120 Degrees
Compatible Screen Size	4.0 - 7.3 inches
Compatible Body Length	4.8 - 6.7 inches
Connectivity Technology	Bluetooth
Special Features	Adjustable Headband, Built-In Speakers, Anti-Blue-Light Lenses, Quick Charge
Controller Type	Button Control, Switch Control
Item Weight	1.2 Pounds
Display Resolution Maximum	1920x1080 per eye

Feature	Specification
Sensor Technology	Gyroscope (required for smartphone)

10. WARRANTY & SUPPORT

Specific warranty information for the VR EMPIRE VR Headset V10.0 is not provided in this manual. For details regarding warranty coverage, returns, or technical support, please refer to the product packaging or contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.