



iVR Headset  
User Manual

Version 2.5

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# 1. Introduction

Welcome to Maggie iVR! Our innovative wearable headset is designed to enhance visual experiences for individuals with low vision.

Maggie iVR utilizes the advanced capabilities of the iPhone to provide high-quality magnification and customizable visual settings. Please note the headset is designed to accommodate an iPhone Pro only and must be used with a clear screen protector. When purchasing a Maggie iVR with the

iPhone, the screen protector will be provided. To use the headset, download the “Maggie iVR” app from the Apple App Store.

## 2. Headset Orientation



### **3. Product Specifications**

- Field of View: 100 degrees
- Weight: 1 lb. (Lightweight)
- Comfortable Headset: Ergonomic design for extended wear
- iPhone Pro 128 GB (When purchased with iPhone)
- Adjustable Zoom: 1-20x magnification

- Color Modes: Multiple options to suit your needs, including “Watch TV” predefined color mode for improved exposure
- Brightness/Contrast/Exposure: Adjustable settings
- Pupillary Distance (PD) Adjustment: Customizable for optimal vision
- Focus Adjustment: Independent focus for each eye
- Operation: Intuitive 3-button interface

- Power: No external controllers or batteries; powered by iPhone

## 4. Getting Started

### Unboxing

Inside your Maggie iVR box, you will find:

- Maggie iVR headset
- User Manual
- Quick Start Guide
- Cleaning Cloth
- USB-C Charging Block
- Bag for Charging Cable

# Basic Operations

Maggie iVR features an intuitive 3-button interface:

- Top Button (+): Zoom In
- Middle Button (-): Zoom Out
- Bottom Button: (M): Mode Selection



## **Adjusting Zoom**

1. Zoom In: Press the + button to increase magnification.
2. Zoom Out: Press the – button to decrease magnification.

# Changing Modes

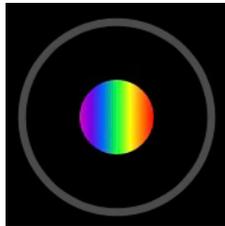
Press the M button to cycle through the six mode options:

1. Color
2. Brightness
3. Contrast Enhancement
4. Exposure
5. Image Stabilization
6. TV Connect

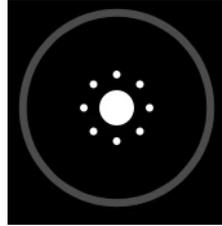
Use the + and – buttons to adjust settings within each mode:

- Color: Press the + or – button to cycle through different color modes.

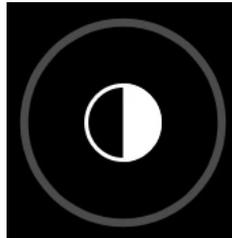
\*Please note that the predefined “Watch TV Color” mode will be in this rotation.



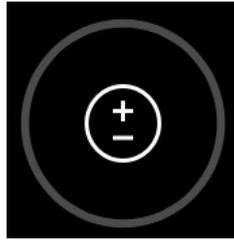
- Brightness: Press the + or – button to increase or decrease brightness.



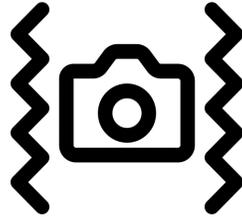
- Contrast Enhancement: Press the + or – button to adjust the contrast level.



- Exposure: Press the + or - button to increase or decrease exposure.



- Image Stabilization: On/Off feature - Designed to minimize unsteady head movement when viewing distant objects.



- TV Connect: Applicable if you have the TV connect box, which provides a direct stream into the headset from a connected HDMI

device. Please refer to the TV connect user manual for additional information.



## **4. Setting Up Maggie iVR**

### **Downloading the Maggie iVR App**

To use the Maggie iVR headset, you need to download the Maggie iVR app from the Apple App Store. Follow these steps:

1. Open the Apple App Store on your iPhone.
2. Search for “Maggie iVR.”
3. Download and install the Maggie iVR app.
4. To enable camera access for the app, go to
  - a. Settings

- b. Privacy & Security
- c. Camera
- d. Ensure the toggle next to Maggie iVR is green.

## **Setting Up a Shortcut for the Action Button**

\*Please note that the shortcut for the Action Button will only work in the headset if there is no Face ID or password enabled on the iPhone.

To quickly access the Maggie iVR app, set up a shortcut for the action button on your iPhone:

1. Open the Settings app on your iPhone.
2. Scroll down and select “Action Button”.
3. Swipe to the left until you reach “Shortcut”.
4. Select “Choose a Shortcut”.
5. Select “Open App”.
6. Select “Maggie iVR” from the list of apps.

## Attaching Your iPhone

1. Slide the iPhone into the front compartment making sure the phone's base enters first and the screen is facing the inside of the headset.
2. Push the iPhone all the way into the compartment until it securely connects to the built-in USB-C port. Once the phone is sufficiently docked to the USB-C port, the closing lever will secure the iPhone.

# Adjusting the Headset

1. Adjust the head straps for a snug and comfortable fit. The headset includes two options for positioning the head straps:
  - a. Standard Fit (with Clips):
    - i. By default, the head straps are slotted into the standard clips in the middle of the headset. This position accommodates most users and provides a balanced fit for general use.

- b. Snug fit for Smaller Heads:
  - i. For users with smaller head sizes, the headset features three additional slots towards the front of the device for a more secure fit. These slots include one slot on the top of the headset and two slots on the sides of the headset.
  - ii. To adjust, slide the head straps out of the standard clips and into the designated slots.

2. Ensure the headset sits comfortably on your head with the lenses aligned with your eyes.

\*Please note that any combination of the available positions can be used to maximize comfort\*

## **Opening the Maggie iVR App**

Press and hold the action button located on the bottom left side of the headset to open the Maggie iVR app. It will prompt a warning that the

device is not intended for driving or mobility. If you are seeing double vision, press the + and/or - buttons to align the image. To acknowledge the warning and open the app, press the M button. \*If the shortcut is not enabled, open the Maggie iVR app prior to inserting the phone into the headset.

# Adjusting Pupillary Distance (PD)

1. Locate the PD adjustment on the top center of the headset.
2. Turn the wheel to adjust the lenses' distance to match your pupillary distance.

PD Adjustment Wheel



# Focus Adjustment

1. Locate the two wheels on either side of the PD wheel.
2. Turn each wheel to independently adjust the focus for each eye until the image is as clear as possible.



## Using the Top Button

There is a button on the top of the headset that aligns with the side button of the iPhone. This button can be used to:

1. Lock your iPhone: Press once.
2. Enable Siri: Hold the button until Siri activates.



## **Focus Lock**

To enable focus lock for activities such as writing or knitting, hold down the mode button for 1-2 seconds.

## **Factory Reset**

To reset the device to factory settings, hold down the mode button for 5-6 seconds.

## **Removing the iPhone from the Headset**

To remove your iPhone from the Maggie iVR headset:

1. Gently pull the locking lever and slide the phone out from the bottom opening, releasing it from the USB-C port.

# Charging Maggie iVR

There are two ways to charge the Maggie iVR:

1. Standard Charging (Outside of the headset):  
Remove the iPhone Pro from the headset and charge it using the standard iPhone charging cable.
2. USB-C Port (Within the headset): Charge the iPhone via the USB-C port located on the right side of the headset.

## 5. Maintenance and Care

- Cleaning: Use the provided cleaning cloth to wipe the lenses and headset exterior. Do not use abrasive materials or harsh chemicals.
- Storage: Store the headset in a cool, dry place when not in use. **Do not expose the device to direct sunlight.**
- Inspection: Regularly inspect the headset for any signs of damage. Do not use if damaged.

## 6. Troubleshooting

- Blurry Image: Adjust the focus wheels and ensure the lenses are clean.
- Device Not Powering On: Check the battery level of your iPhone and ensure it is properly attached.
- Unresponsive Buttons: Restart your iPhone and reattach it to the headset.

- Seeing Double Vision: Restart the app and press the + and/or - buttons to align the image.

## 7. Warranty and Support

Maggie iVR comes with a one-year limited warranty excluding the iPhone. To protect your iPhone, you may add AppleCare for an additional charge. For support, visit our website at [www.maggie.vision](http://www.maggie.vision) or contact our customer service team at [support@maggie.vision](mailto:support@maggie.vision). Thank you for choosing Maggie iVR.

## **8. Return Policy**

To initiate a return, the Maggie iVR device must be in its original packaging and in saleable condition. All components must be included. Returns are subject to inspection, and items that do not meet these conditions may be rejected. For any further assistance, please contact our support team.