



Vista User Guide

IrisVision Vista headset

Jumbo print edition

IV-UG-VISTA-EN · Revision A · September 3, 2026

irisvision.com

About this guide

This is the printed edition of the Vista User Guide on our website. It covers setting up your headset, the remote control, talking to Iris, every viewing mode, Settings, and care.

If you need help

Call +1 855 207 6665

Email support@irisvision.com

Monday to Friday, 9am to 5pm Eastern Time

Always the latest version

**[irisvision.com/help-center/user-guides/
live-2-0-user-guide](https://irisvision.com/help-center/user-guides/live-2-0-user-guide)**



How to use this guide

Finding your place

The page number is at the bottom of every page. Each main section starts on a new page.

Page pointers

When this guide points somewhere else, it gives you the page number, like this: see **Settings** (page 81).

Square codes

Point a phone camera at a square code to open that page on our website. Every address is also listed at the back, on page 97.

Settings described once

Mode menus share many of the same rows, so those are described once in **Settings that appear in most modes** (page 40).

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Welcome. For your first weeks and the unboxing videos, start with **Getting Started** (web address on page 97). Iris is the voice in the headset — say her name anytime you need a hand.

Important Information

Foreword

Welcome to the user manual for IrisVision Vista — your essential guide to the optimal and safe use of this cutting-edge custom headset. Please note that the information contained in this manual is subject to change without prior notice. To ensure you have the latest version, please visit IrisVision's website at **<https://irisvision.com>** (web address on page 97) or get in touch with your authorized distributor.

Before delving into the details, it's important to clarify that this user manual focuses on providing crucial instructions for using the IrisVision Vista headset effectively.

We urge you to carefully read and understand this manual. Store all user manuals in a secure

and easily accessible location for future reference. If you have any questions or feedback regarding this manual, please don't hesitate to contact us for further assistance.

Within this manual, you will find the recommended inspection and preparation procedures to follow before utilizing the IrisVision Vista headset. Additionally, we outline essential precautions to take when disposing of the product after use, ensuring both safety and environmental responsibility.

It is of utmost importance that you adhere to all the instructions provided in this user manual. Failure to do so could lead to severe injuries to the patient, user, or a third party, as well as potential damage to the equipment.

At IrisVision, our mission is to empower individuals with visual impairments, offering them an immersive experience that goes

beyond mere visual aid. We are committed to providing technology that enhances independence and enables users to engage confidently with the world.

Thank you for choosing IrisVision Vista. Together, we embark on a journey of enriching lives and redefining possibilities for those facing visual challenges.

Intended Use

IrisVision Vista is a custom headset designed as a visual aid and rehabilitation platform intended to assist individuals with visual impairments in engaging with the world and achieving new levels of independence. The device is not intended to provide explanations or guidance for endoscopic techniques.

The primary intended use of IrisVision Vista is to enhance visual perception and provide

magnification to aid users with visual impairments in daily activities, such as reading, recognizing faces, and navigating their surroundings. The device is intended to be used under the guidance and supervision of qualified healthcare professionals or caregivers.

IrisVision Vista is recommended for use in various environments, including but not limited to homes, educational settings, and community spaces. It is intended for use by individuals with visual impairments of different age groups, with appropriate adjustments made to accommodate individual needs.

The device is designed to be used with compatible accessories. Users are advised to follow the recommended inspection and preparation procedures outlined in this user manual before utilizing the headset.

Indications for Use

IrisVision Vista is indicated for use by individuals with visual impairments to enhance their visual perception and achieve improved independence in daily activities. The device serves as a visual aid and rehabilitation platform, offering magnification and image enhancement to support users.

Device Common Names

Wearable Visual Aid, Visual Aid, VR Visual Aid, Assistive Visual Aid.

Description of Vista

Device Description

IrisVision is an assistive device designed for people with low vision, combining virtual reality technology with custom software. It is an effective, **low-vision solution**

(web address on page 97) available for individuals with Macular Degeneration, Diabetic Retinopathy, Glaucoma, Retinitis Pigmentosa, and other ocular disorders.



Person wearing the IrisVision Vista headset

Package Contents and Accessories

Your IrisVision device comes with the following items:

- IrisVision Display Unit
- Headset
- Remote Control
- Wired earphones

- Cleaning Cloth
- Carrying Case
- Lanyard
- Direct Charging Cable

Optional accessories (sold separately)

- **Vision Cast** — streams your TV, computer, or a streaming device into the headset
- **Wireless earbuds** — for listening without a cable

These are not in every case. Vision Cast setup is under **Stream TV** (page 62).

The **Unboxing video on Getting Started**

(web address on page 97) shows each item and how to lift the phone out of the headset.



What's in the Vista case — headset, display unit, remote, charger, cleaning cloth, and lanyard

Removing the Display Unit

First-time setup (onboarding) is done on the phone, so take it out of the headset. The **Getting Started videos** show this step.

Release the IrisVision Display Unit from the headset by pushing the clip away from the Display Unit. Carefully remove the Display Unit and set aside the headset.



Removing the Vista display unit from the headset

Powering On the Display Unit

Press the power button on the right side (or upper side when in the headset) until the phone vibrates. Iris then walks you through language, Wi-Fi, and the remote.

Setting Up Wi-Fi

Vista can connect to your Wi-Fi during onboarding, or later from **Settings** → **Wi-Fi**. A connection lets Customer Support assist you more efficiently, delivers software updates, and is required for YouTube, Movies, Books, and weather.

NOTE: Viewing modes work without Wi-Fi. A connection is still highly recommended.

Configuring Wi-Fi

1. Go to **Settings** (stick left or right, or ask Iris to “open settings”).
2. Choose **Wi-Fi**.
3. Select the network you want and enter the password.

On the Wi-Fi keyboard, move the stick to highlight a key, press **Action** to type, and press **Back** to close the keyboard and return.

Positioning the Display Unit

After onboarding asks you to put the headset on:

1. Insert the Display Unit into the headset by centering it against the lenses as displayed. Ensure the camera aligns with the opening in the outside cover.
2. Securely lock the Display Unit into the headset by pushing the outside cover up against the back.
3. Put the headset on and tighten the side straps. The power button should face up.

The **Getting Started video** shows putting the phone back in.



Positioning the Vista display unit in the headset

Charging Instructions

Charge Vista by plugging the USB-C cable into the port at the bottom of the phone, then into a wall charger. A full charge takes about two hours. The device charges fastest when it is completely powered off. We don't recommend using Vista while it is plugged in. Charging and using at the same time can make the phone warm. Charge it on the charger, then put it back

on when you're ready. Ask Iris “battery” to hear the level.

Battery tips:

- Vista gives audible notifications when the battery drops to 20%, 15%, and 10%. At 8%, the device shuts off.
- Completely power off the phone if you will not use Vista for more than a few hours. Voice and the remote cannot shut the phone down — see **Care and Maintenance** (page 91).
- Auto Sleep is set in **Settings** → **Headset**. The default is 5 minutes. You can choose never, or 1, 2, 5, 10, 15, or 30 minutes. Playing media, Iris speaking, or an open microphone delays that timer.



Charging the Vista headset

Instructions for Using Vista

Preventive Measures

General Precautions

- Keep away from direct sunlight. It is especially important to keep the headset lenses away from any direct light source. These lenses are magnifiers and can cause damage to the screen of the display unit.
- Keep the IrisVision dry.
- Never walk while wearing the IrisVision headset.
- Never drive while wearing the IrisVision headset.

- Your IrisVision device will speak. You can lower the volume, or turn off audio entirely.
- Give your eyes a rest every hour or two. Take the headset off for a few minutes — longer if anything feels tired or uncomfortable.

Warnings

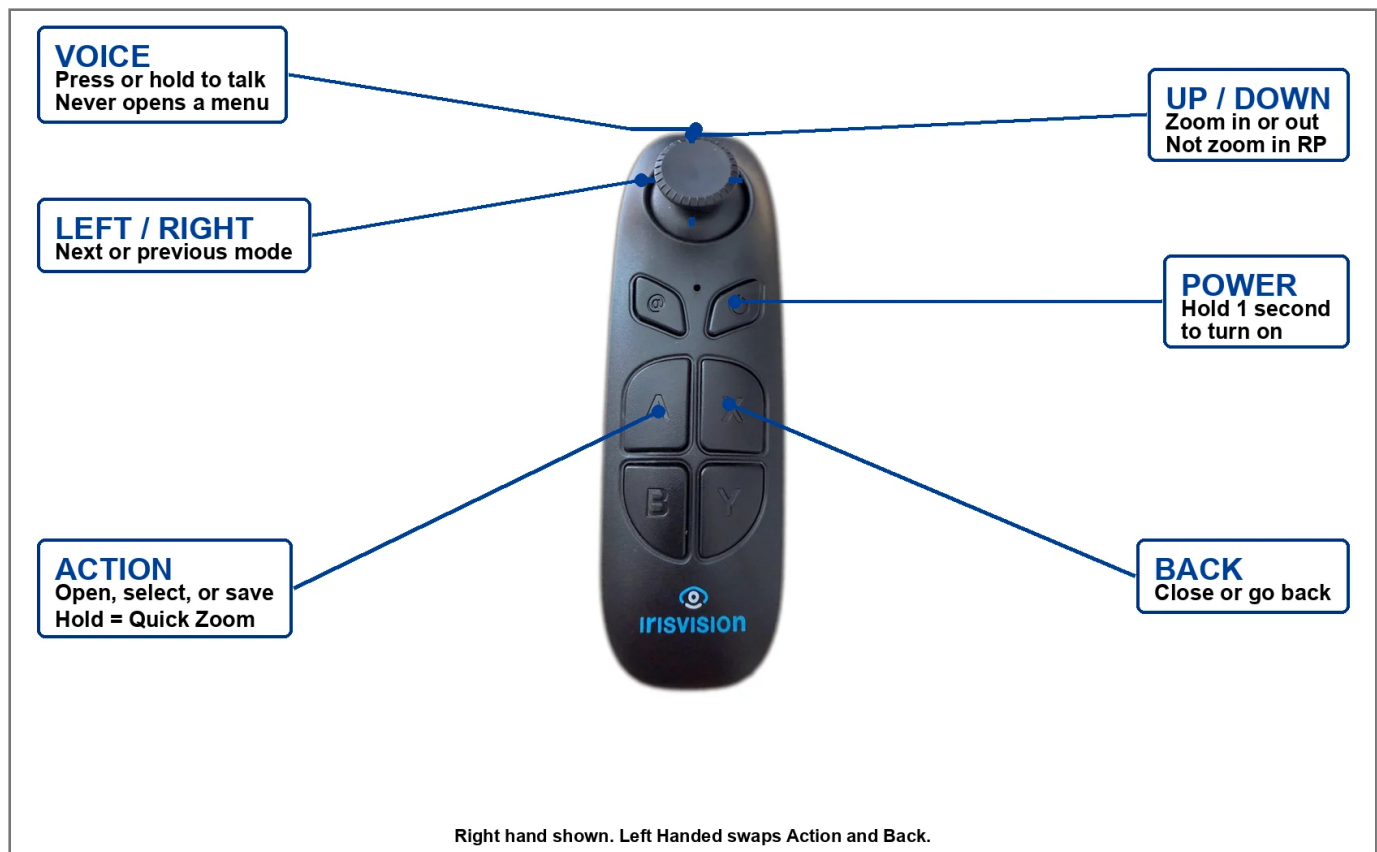
- Using the headset can result in short-term side effects which can include: nausea, motion sickness, disorientation, headaches, eye strains, and blurred vision. These typically subside after an initial adjustment period.
- If you experience any side effects, discontinue use and stay seated until symptoms stop. If symptoms persist, contact your doctor.
- Do not turn on accessibility options on the display unit, as this can interfere with the IrisVision software.

Using the Remote Control

Every time the phone is powered on, wakes from sleep, or the remote has timed out, turn the remote on again. Press and hold the remote **power button for one second** until the blue light appears. Wait until Vista says “**Your remote is connected.**”

NOTE: If the remote does not connect, replace the batteries and try again.

The remote turns itself off after **30 seconds of inactivity** to save battery.



Vista remote: stick, Action, Back, Voice, and Power

Stick left / right

Previous or next mode. In a menu, previous or next item.

Stick up / down

Zoom in or out in a camera mode (except RP — that changes viewport size). In a menu, adjust a highlighted setting.

Action

Open the menu, select an item, or save a setting — including the zoom you just set. Vista says “Setting saved.”

Action (hold)

Quick Zoom in a camera mode (or Photo Gallery, unless zoom is locked). In YouTube, Movies, Books, or a game, leave the player and return to the list.

Back

Close a menu, or discard an in-progress adjustment.

Voice

Open the microphone for Iris. This never opens a menu.

Power

Turn the remote on or off.

If you use the remote in your left hand, turn on **Left Handed** under **Settings** → **System**. Action and Back swap so they still feel natural.

In a menu, move the stick to highlight an item, press **Action** to select it, and press **Back** to leave. For brightness, zoom, IPD, and similar values, preview with the stick, then press **Action** to save or **Back** to discard.

Zoom in a viewing mode

In any camera mode **except RP**, stick **up** zooms in and stick **down** zooms out on the live picture. Press **Action** if you want to **store that zoom** for the next time you return to the mode. Vista says “Setting saved.” **Back** keeps the previous zoom.

Hold **Action** for **Quick Zoom** (the level from **Settings** → **Quick Zoom**). You can also say “zoom in,” “zoom out,” or “quick zoom.”

In **RP**, stick up/down changes **viewport size**, not zoom. Save that size the same way — press **Action**. Zoom in RP is in the mode menu or by voice. See **RP** (page 55).

Direction for Use

Powering On

Power on the Display Unit by pressing the power button on the right side of the display unit. When the display unit is in the headset, this button will be on top.

Wearing the Headset

Place the headset on your head and adjust the side straps for a secure fit. The display unit should be centered over the lenses with the power button facing up. The camera should be centered in the cutout of the headset cover.

NOTE: Do not walk around while wearing the IrisVision headset.



Wearing the Vista headset

Setting Up Focus

The IrisVision headset allows for individual lens focus. To adjust the focus, slowly turn the wheel above the intended lens.

1. After powering on, Vista should show
Welcome (Focus) — a high-contrast image
with a blue IrisVision eye in each lens and

the word Vista. If you are not there, push the stick left or right, or ask Iris to “go to the welcome screen.”

2. Adjust each focus wheel until the image looks as clear as possible in each lens.

3. **IPD is two steps — you need both.** If you see a double or overlapping image, set interpupillary distance this way:

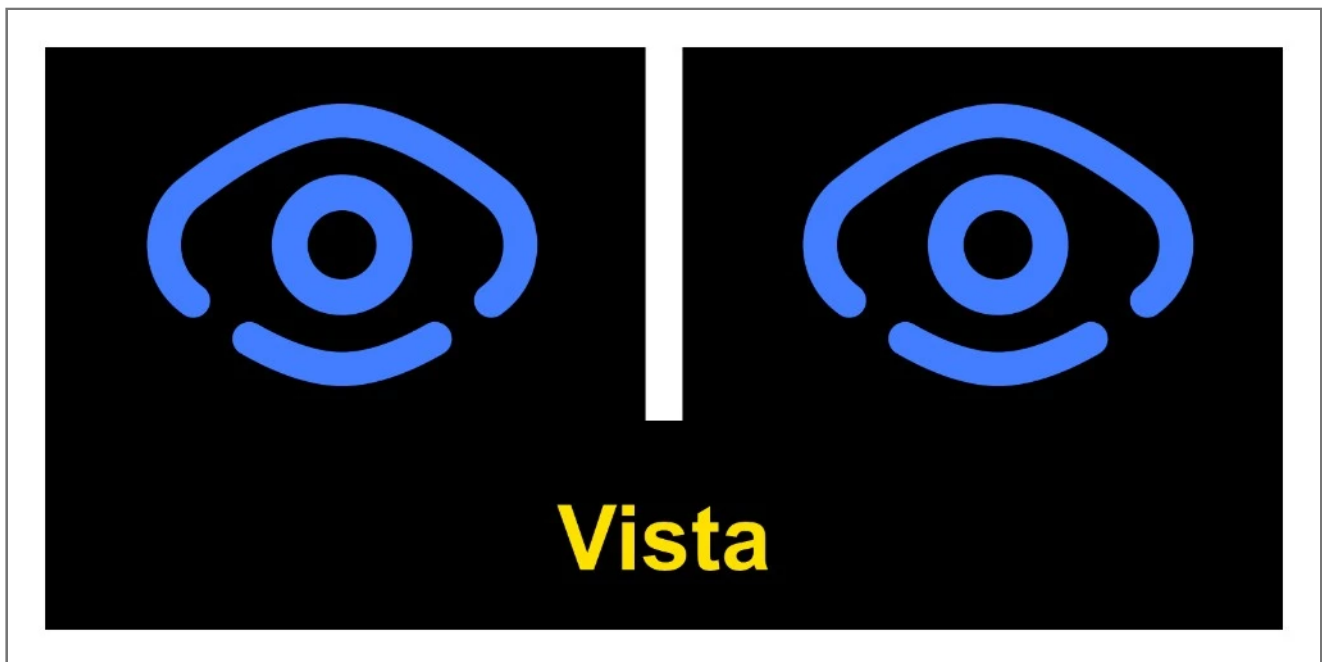
1. **On the headset:** turn the **IPD dial** at the top center until the image feels centered. That dial rotates left and right; the lens focus wheels rotate front and back.

2. **In the app:** open **IPD** from the Welcome menu or **Settings** → **Headset** → **IPD**. Press **Action**, move the stick up or down until the image looks clear, then press **Action** to save.

To focus one eye at a time, turn the other lens off from Welcome or **Settings** → **Headset**, then turn both back on.



Vista headset — IPD dial in the center and focus wheels above each lens



Vista Welcome screen — two blue IrisVision eyes and the word Vista

Interacting with Iris

Iris is the voice assistant on Vista. Speak in everyday language — you do not need exact phrases. Ask for what you want (“make it bigger,” “read this to me,” “what is this mode for,” “sleep”) and Iris will do it or answer you. Speak in the language you chose in Settings.

Two ways to talk to Iris

- **Voice button** — press or hold Voice on the remote until the listening banner appears or the device chimes, then speak. This only opens the microphone. It never opens a menu.
- **Say the wake word “Iris”** — wait until Iris responds and the yellow microphone appears, then say the command. Do not say “Iris” and the command in one breath. Turn Iris Listen on in **Settings** → **Iris**.

If you change your mind while the microphone is open, say “stop” or “never mind.”

First commands to try

- **“What is this mode for?”** — Iris explains the mode you are in.
- **“Sleep”** — puts Vista to sleep. Say **Iris** to wake (Iris Listen must be on).
- **“Go to reading” / “go to scene” / “open settings”**
- **“Zoom in” / “zoom out” / “quick zoom”**
- **“Read this”** — then “play” or “pause.”
- **“Take a picture”**
- **“What time is it?” / “what’s the weather?”**

Common things you can say

- **Switch modes:** “welcome” or “focus,” “scene,” “bubble,” “bioptic,” “reading” (plus

“reading dark,” “reading yellow,” “reading green,” and more), “outline,” “television,” “vision cast” or “stream TV,” “photo gallery,” “YouTube,” “movies,” “books,” “games,” “settings,” or “RP.”

- **Magnify:** “zoom in,” “zoom out,” “maximum zoom,” “reset zoom,” “quick zoom.”
- **Adjust the image:** “brightness,” “contrast,” “exposure,” “field of view,” and “sensitivity” — each also works with “increase,” “decrease,” “maximum,” “low,” or “reset” (for example, “increase brightness” or “reset contrast”).
- **Read text aloud:** “capture text” or “read this,” then “play” or “pause.”
- **Reading line:** “reading line on” or “reading line off.”

- **Photos:** “take a picture,” “photo gallery,” “next picture,” “previous picture,” “open picture,” “close picture,” “delete.”
- **Audio:** “volume,” “increase volume,” “decrease volume.”
- **Lenses & focus:** “turn off right lens,” “turn off left lens,” “turn on both lenses,” “IPD.”
- **Device info:** “battery,” “serial number,” “system info.”
- **Sleep:** “sleep.”
- **Onboarding:** “start onboarding” or “restart onboarding.”
- **Everyday:** “what time is it,” “what’s the weather.”

Iris **cannot** shut the phone down. Use sleep for a break. To power off completely, use the phone buttons in Care and Maintenance.

How Iris listens and talks is under **Settings** → **Iris** (master switch, Iris Listen, sensitivity, Iris Talk, voice speed). Language is **Settings** → **Language**.

Vista Modes

After adjusting focus, push the stick left or right to move through modes. Vista announces each one as you land on it. Ask “**What is this mode for?**” if you want Iris to explain the one you are in. You can also ask Iris to go directly to a mode.

Personalize each mode with its in-mode settings. When you are in a mode, press **Action** to open that mode’s personalization settings. Stick left/right to highlight a row. The **How to change** column matches the app: some rows change with stick up/down while highlighted; others open a live preview when you press

Action — stick up/down, then **Action** to save or **Back** to discard. Press **Back** again to close the menu. **Reset Mode** clears only that mode — not the whole headset.

In camera modes except RP, stick up/down zooms on the live picture; press **Action** to save that zoom for later.

You can hide unused modes under **Settings** → **Headset** → **Modes**. Hidden modes stay available by voice.

Welcome

Home screen and focus chart

Scene

Look around at mid-to-far distance

Bubble

Circular magnifier over the live scene

Bioptic

Rectangular telescope window over the scene

Reading

Close-up text — books, mail, labels

Outline

High-contrast edges for shapes and objects

RP

Smaller field for tunnel vision

Television

Watching a TV or computer screen

Stream TV

Vision Cast — HDMI stream into the headset

Photo Gallery

Photos you took on Vista

YouTube

Search and watch videos (Wi-Fi)

Movies

Free full-length movies (Wi-Fi)

Books

Free audio books (Wi-Fi)

Games

Purpose-built games for the low vision community

Settings

Headset-wide options — see **Settings** (page 81)

Settings that appear in most modes

These rows appear in most mode menus and work the same way everywhere, so they are described once here. Each mode section lists only what is different about that mode, and then names the shared rows in its menu.

Brightness

How bright this mode looks. Applies only to this mode.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Flashlight

Turns the phone torch on or off.

How to change: Press **Action** to turn on or off.

Contrast

How strong the difference is between light and dark in this mode.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Viewport Size

How large the stereo image appears in this mode.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Adjust View

Image shape: Max view, Soft edges, or Lens view.

How to change: Press **Action**. Stick up/down to preview shapes. **Action** saves.

Zoom

Magnification in this mode. Stick up/down on the live picture also zooms; **Action** saves it.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Quick Zoom

How far Vista jumps when you hold **Action**.

How to change: Press **Action** to jump to your saved Quick Zoom now.

Reset Mode

Clears only this mode.

How to change: Press **Action**.

Welcome Mode

Welcome is the first mode when you start up, and has a high-contrast image to help set your focal point. Use the focus wheels over each eye. Press **Action** to personalize Welcome. IPD is two steps: first the **IPD dial** on top of the headset, then **IPD** in this menu (or **Settings** → **Headset**). Once the image is clear, turn both lenses back on.

Volume

Headset loudness.

How to change: Highlight the row. Stick up/down.

Brightness

How bright Welcome looks. This is also the headset default brightness.

How to change: Stick up/down while highlighted, or press **Action** to preview, then **Action** to save.

Field of View

Default magnification for modes that follow the headset FOV.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

IPD

Second step of IPD. Stick up or down to align the two eye views, then **Action** to save. First step is the IPD dial on the headset.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Left lens / Right lens

Turn that eye off so you can focus the other, then turn both back on.

How to change: Press **Action** to turn on or off.

Scene Mode

Scene is the default live view. It shows the colors and contrast of the scenery in front of you, with autofocus and zoom. Stick up/down zooms; press **Action** to save that zoom for next time. Press **Action** again (when you are not on the zoom bar) to personalize Scene.

Take a Picture

Saves a photo to Photo Gallery.

How to change: Press **Action**.

Read text

Photographs the page and reads it aloud. Not available when the language is Arabic or Urdu.

How to change: Press **Action**.

Exposure

Camera lighting — brighter or darker for the room.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Reset Mode

Clears only Scene. Other modes stay as you left them.

How to change: Press **Action**.

This menu also has Flashlight, Brightness, Contrast, Viewport Size, Adjust View, Zoom and Quick Zoom — see **Settings that appear in most modes** (page 40).

Bubble Mode

Bubble is like Scene with a circular magnifier in the center. Magnify one object while keeping the surrounding area visible — useful for signs, faces, or fine detail.

Press **Action** to personalize Bubble. You can also say “increase bubble size,” “decrease bubble size,” or “move bubble.”

Adjust Bubble is two steps — size, then placement. Choose **Adjust Bubble**. A yellow ring appears on the live picture.

1. **Size:** stick **up** or **down** until the bubble is the size you want. Press **Action** to save that size.

2. **Placement:** stick **up** or **down** (and left or right) to move the bubble. Press **Action** to save the place. **Back** cancels.

Adjust Bubble

Two steps. First stick up/down to set size, then **Action** to save. Then stick up/down (or left/right) to place the bubble, then **Action** again to save.

How to change: Press **Action**, then size with stick up/down, **Action** to save size, then place with the stick, **Action** to save.

Exposure

Camera lighting — brighter or darker for the room.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Reset Mode

Clears only Bubble, including bubble size and position.

How to change: Press **Action**.

This menu also has Flashlight, Brightness, Contrast, Viewport Size, Adjust View, Zoom and Quick Zoom — see **Settings that appear in most modes** (page 40).

Bioptic Mode

Bioptic is a telescope magnifier: a small rectangular window that magnifies one spot while you keep the rest of the scene in view. Press **Action** to personalize Bioptic.

Adjust Box is two steps — size, then placement. Same pattern as Adjust Bubble.

Choose **Adjust Box**. A yellow ring appears on the live picture.

1. **Size:** stick **up** or **down** until the window is the size you want. Press **Action** to save that size.
2. **Placement:** stick **up** or **down** (and left or right) to move the window. Press **Action** to save the place. **Back** cancels.

Adjust Box

Two steps. First stick up/down to set size, then **Action** to save. Then stick up/down (or left/right) to place the window, then **Action** again to save.

How to change: Press **Action**, then size with stick up/down, **Action** to save size, then place with the stick, **Action** to save.

Exposure

Camera lighting — brighter or darker for the room.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Reset Mode

Clears only Bioptic, including box size and position.

How to change: Press **Action**.

This menu also has Flashlight, Brightness, Contrast, Viewport Size, Adjust View, Zoom and Quick Zoom — see **Settings that appear in most modes** (page 40).

Reading Mode

Reading is designed for the highest contrast on a page. The default is Reading Light. Place text

on a steady surface with clear overhead lighting. Stick up/down zooms; press **Action** to save that zoom. Press **Action** again to personalize Reading. That color stays the next time you return. You can also say “reading dark,” “reading yellow,” and so on from any mode.

Read text

Photographs the page and reads it aloud (or say “read this”). Not available when the language is Arabic or Urdu.

How to change: Press **Action**.

Reading Line

Magnifies one or two lines in the center of the screen. Works with any reading color.

How to change: Press **Action** to turn on or off.

Line Size

How tall the reading line is. Appears only when Reading Line is on.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Reading Light

White background, black text (default).

How to change: Press **Action** to choose this.

Reading Dark

Black background, white text.

How to change: Press **Action** to choose this.

Reading Yellow

Yellow background, black text.

How to change: Press **Action** to choose this.

Reading Inverted

Black background, yellow text.

How to change: Press **Action** to choose this.

Reading Green

Green background, black text.

How to change: Press **Action** to choose this.

Exposure

Camera lighting — brighter or darker for the page.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Reset Mode

Clears only Reading and returns the color to Light.

How to change: Press **Action**.

This menu also has Flashlight, Brightness, Contrast, Viewport Size, Adjust View, Zoom and Quick Zoom — see **Settings that appear in most modes** (page 40).

RP (Retinitis Pigmentosa) Mode

RP is for tunnel vision (retinitis pigmentosa and similar conditions). It keeps Scene's colors, but shrinks the whole picture into a smaller window so more of the room fits inside the part of your vision that still works.

Press **Action** to personalize RP.

This mode does not use stick up/down for zoom. In other camera modes, stick up/down zooms in and out. In RP, stick up/down changes **viewport size** on the live picture:

- **Stick up** — enlarge the window (more of the scene, larger field).

- **Stick down** — shrink the window (less of the scene, smaller field).
- **Action** — save the size. Vista says “Setting saved.”
- **Back** — discard and keep the previous size.

Stick **left/right** still moves to the next or previous mode. Zoom is in the RP menu, or by voice (“zoom in,” “zoom out”).

Viewport Size

How large the RP window is. First row in the menu. On the live picture, stick up enlarges the window; stick down shrinks it; **Action** saves.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Zoom

Magnification inside the RP window. Not on the live stick — only this row or voice.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Take a Picture

Saves a photo to Photo Gallery.

How to change: Press **Action**.

Read text

Photographs the page and reads it aloud. Not available when the language is Arabic or Urdu.

How to change: Press **Action**.

Exposure

Camera lighting — brighter or darker for the room.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

This menu also has Flashlight, Brightness, Contrast, Adjust View, Quick Zoom and Reset Mode — see **Settings that appear in most modes** (page 40).

Television Mode

Television is tuned for a TV or computer screen. Sit centered in front of the display. Stick up/down zooms; press **Action** to save that zoom. Press **Action** again to personalize Television. There is no flashlight in this mode (the torch washes out a screen). Auto Sleep is delayed

while you watch. Use **Settings** → **Sleep** or say “sleep” when you are done.

Take a Picture

Saves a photo to Photo Gallery.

How to change: Press **Action**.

Read text

Photographs on-screen text and reads it aloud. Not available when the language is Arabic or Urdu.

How to change: Press **Action**.

Exposure

Camera lighting for the screen — there is no flashlight here.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

This menu also has Brightness, Contrast, Viewport Size, Adjust View, Zoom, Quick Zoom and Reset Mode — see **Settings that appear in most modes** (page 40).

Outline Mode

Outline draws edges around objects so shapes stand out. The default is Outline Light. Press **Action** to personalize Outline. You can also change color by voice (“outline color”).

Outline Size

Makes the edge lines thinner or thicker.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Sensitivity

How much outline detail appears.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Outline Light

White background, black outlines (default).

How to change: Press **Action** to choose this.

Outline Dark

Black background, white outlines.

How to change: Press **Action** to choose this.

Outline Color

Colorful background, black outlines.

How to change: Press **Action** to choose this.

Exposure

Camera lighting — brighter or darker for the room.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Reset Mode

Clears only Outline and returns the color to Light.

How to change: Press **Action**.

This menu also has Flashlight, Brightness, Contrast, Viewport Size, Adjust View, Zoom and Quick Zoom — see **Settings that appear in most modes** (page 40).

Stream TV (Vision Cast)

Stream TV casts HDMI video into the headset from your TV, computer, or a streaming device (such as an Amazon Fire Stick). You need the **Vision Cast** HDMI transmitter — it is sold separately and may not be in your case.

Press **Action** in Stream TV to personalize the mode, or choose **Connect** to pair the transmitter.

Setting up Vision Cast



Setting up Vision Cast video

Scan this code with a phone camera to watch it, or type this address into a web browser:

irisvision.com/help-center/user-guides/live-2-0-user-guide/#setting-up-vision-cast



The written steps continue below.

TV cable box or computer

Use the HDMI cable that came with the transmitter. Plug one end into **HDMI IN** on the transmitter, and the other into the HDMI output on your cable box or computer.

Streaming stick (Amazon Fire Stick or similar)

Plug the stick into **HDMI IN** on the transmitter. Open **Stream TV** in the headset. When the transmitter is connected, the stick's setup screens appear in Vista — Wi-Fi, sign-in, and the rest — so you finish setup from inside the headset.

Then press **Action** and choose **Connect**.

Connect

Starts pairing with the Vision Cast transmitter.

How to change: Press **Action**.

Delete

Removes a saved transmitter.

How to change: Press **Action**.

Volume

Headset loudness while you watch.

How to change: Highlight the row and stick up/down, or stick up/down while playing.

Zoom

Magnification of the HDMI picture.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

This menu also has Brightness, Contrast and Reset Mode — see **Settings that appear in most modes** (page 40).

Photo Gallery

Photo Gallery shows pictures you have taken in camera modes such as Scene, Television, and Reading. You can zoom in close and pan so a detail fills the view. On the tile, press **Action** to open the gallery. Open the menu to personalize the gallery.

Delete

Removes the highlighted photo (or say “delete”).

How to change: Press **Action**, then Yes or No.

Brightness

How bright photos look. Applies only to Photo Gallery.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Zoom

Magnification when you open a photo.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

This menu also has Contrast and Reset Mode — see **Settings that appear in most modes** (page 40).

On the Photo Gallery tile

- Stick left/right — previous or next mode.
- **Action** — open the gallery. If you rest on the tile for about three seconds, the gallery opens on its own.

In the photo grid

- Stick left/right — next or previous photo.
- Stick up/down — move by row.

- **Action** — open the highlighted photo full screen.
- **Back** — return to the Photo Gallery tile.

Looking at one photo

- Stick up/down — zoom in or out (no zoom numbers on screen).
- Stick left/right — next or previous photo.
- Hold **Action** — Quick Zoom, unless zoom is already locked.
- When you have zoomed in, press **Action** to **lock zoom**. Vista says “zoom locked.” The stick then **pans** in all four directions so you can inspect a detail.
- **Back** unwinds one step at a time: unlock pan → unzoom → close the photo → leave the gallery.

Delete a photo from the menu, or say “delete.”

Read text

Read text photographs a page and reads it aloud.

Start in Scene, Reading, Television, or RP. Hold the page in front of the camera with good light. Open the menu and choose **Read text**, or say “read this” / “capture text.” A countdown from three gives you time to hold still. Vista then reads the captured text.

Play or pause from the menu or by voice (“play,” “pause”). If you change modes during a readout, or pause for 15 minutes, you must start again. Read text is not offered when the language is Arabic or Urdu.

Getting Started covers this in **Week 2** (web address on page 97).

YouTube, Movies, Books, and Games each have **three places**: the **mode tile**, the **list**, and

inside a title. On the tile, stick left/right still changes modes. Press **Action** to open the list right away, or wait about **three seconds** and Vista opens it for you.

YouTube

YouTube shows a feed of IrisVision videos first. It needs Wi-Fi. On the tile, press **Action** to open the list. While a video is playing, press **Action** to play or pause, or open the menu to personalize the player.

Play / Pause

Starts or pauses the video.

How to change: Press **Action**.

Video Search

Find a video by voice — say “search” plus what you want. Say “clear search” to return to the featured list.

How to change: Press **Action**, then say what to search.

Volume

How loud the video is. Stick up/down on the player also changes volume.

How to change: Highlight the row and stick up/down, or stick up/down while playing.

Brightness

How bright the player looks. Applies only to YouTube.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Zoom

Magnification of the video.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

This menu also has Contrast and Reset Mode — see **Settings that appear in most modes** (page 40).

On the YouTube tile

- Stick left/right — previous or next mode.
- **Action** — open the video list (or wait a few seconds).

In the video list

- Stick — previous or next title.
- **Action** — play the highlighted video.
- **Back** — return to the YouTube tile.

- Press **Voice** and say “**search**” plus what you want — for example “search Italian recipes.” You can also open **Video Search** from the video menu. Say “**clear search**” to return to the featured list.

While a video is playing

- Stick left/right — scrub. Move twice quickly to jump farther.
- Stick up/down — volume.
- **Action** — play or pause.
- **Back** or hold **Action** — leave the player and return to the list.

Movies

Movies searches and plays free full-length films in the headset. It needs Wi-Fi. The controls match YouTube. Press **Action** on the tile to open

the list. While a film is playing, open the menu to personalize the player.

Play / Pause

Starts or pauses the film.

How to change: Press **Action**.

Search

Find a film by voice — say “search” plus the title. Say “clear search” to return to the featured list.

How to change: Press **Action**, then say what to search.

Volume

How loud the film is. Stick up/down on the player also changes volume.

How to change: Highlight the row and stick up/down, or stick up/down while playing.

Brightness

How bright the player looks. Applies only to Movies.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Zoom

Magnification of the film.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

This menu also has Contrast and Reset Mode — see **Settings that appear in most modes** (page 40).

On the Movies tile

- Stick left/right — previous or next mode.
- **Action** — open the film list (or wait a few seconds).

In the film list

- Stick — previous or next title.
- **Action** — play the highlighted film.
- **Back** — return to the Movies tile.
- Say “**search**” plus the film you want. Say “**clear search**” to return to the featured list.

While a film is playing

- Stick left/right — scrub (twice quickly to jump).
- Stick up/down — volume.
- **Action** — play or pause.
- **Back** or hold **Action** — return to the list.

Books

Books plays free audio books in the headset. It needs Wi-Fi. The list and player work the same way as Movies. Press **Action** on the tile to open

the list. While a book is playing, open the menu to personalize playback.

Play / Pause

Starts or pauses the book.

How to change: Press **Action**.

Search

Find a book by voice — say “search” plus the title. Say “clear search” to return to the featured list.

How to change: Press **Action**, then say what to search.

Volume

How loud the book is. Stick up/down on the player also changes volume.

How to change: Highlight the row and stick up/down, or stick up/down while playing.

This menu also has Reset Mode — see **Settings that appear in most modes** (page 40).

On the Books tile

- Stick left/right — previous or next mode.
- **Action** — open the book list (or wait a few seconds).

In the book list

- Stick — previous or next title.
- **Action** — play the highlighted book.
- **Back** — return to the Books tile.
- Say “**search**” plus the book you want. Say “**clear search**” to return to the featured list.

While a book is playing

- Stick left/right — scrub (twice quickly to jump).
- Stick up/down — volume.

- **Action** — play or pause.
- **Back** or hold **Action** — return to the list.

Games

These games are purpose-built for the low vision community. Installed games work without Wi-Fi; the list updates when you are online.

Press **Action** on the tile to open the list. Inside a game, the stick and **Action** belong to that game — they do not open personalization settings. Leave with **Back** or hold **Action**.

On the Games tile

- Stick left/right — previous or next mode (Books on one side, Settings on the other).
- **Action** — open the game list (or wait a few seconds).

In the game list

- Stick — highlight a title. Vista reads a short description.
- **Action** — start the highlighted game.
- **Back** — return to the Games tile.
- You can also say “**open games**” or “**play**” plus the game name.

Inside a game

- The stick and **Action** belong to that game (they do not change modes).
- **Back** or hold **Action** — leave the game and return to the list.

Settings is the headset-wide menu — not a viewing mode. The full list is in the next section.

Settings

Open Settings with the stick or by saying “open settings.” These are **headset-wide** (global) settings. Stick left/right to highlight a row. The **How to change** column matches the app — what happens when you press **Action**, and how you adjust the value. Press **Back** or **Main Menu** to return.

Main Settings

Sleep

Puts Vista to sleep. Say **Iris** to wake (Iris Listen must be on).

How to change: Press **Action**. Vista goes to sleep.

Quick Zoom

Sets the zoom level used when you hold **Action** in a camera mode.

How to change: Highlight the row. Stick up/down to set the hold-Action zoom.

Volume

Headset loudness.

How to change: Highlight the row. Stick up/down.

Brightness

Display brightness for the headset. In a viewing mode, brightness in that mode's menu applies only to that mode.

How to change: Stick up/down while highlighted, or press **Action** to preview, then **Action** to save.

Iris

Voice assistant settings.

How to change: Press **Action** to open the Iris menu.

Headset

Fit, view, Auto Sleep, Modes, lenses, Reset Headset.

How to change: Press **Action** to open the Headset menu.

System

Serial number, system info, Left Handed.

How to change: Press **Action** to open the System menu.

Wi-Fi

Connect to a different network.

How to change: Press **Action**. Stick to a network. **Action** to select.

Language

Language for menus, Iris, and on-screen text.

How to change: Press **Action**. Stick to a language. **Action** to choose.

Onboarding

Replay first-time setup.

How to change: Press **Action** to replay first-time setup.

Iris (this submenu is only available while Iris is on)

Iris

Master switch. Off: Iris will not listen or speak until you turn her back on here with the remote (not by voice).

How to change: Press **Action** to turn Iris on or off. Confirm if turning off.

Iris Listen

Hear the name “Iris” and start a command without the Voice button. If this is off, you can still press **Voice**.

How to change: Press **Action** to turn on or off.

Iris Sensitivity

How easily she wakes on her name (1-10). Raise it if she misses you; lower it if she wakes on other speech.

How to change: Highlight the row. Stick up/down.

Iris Talk

Spoken prompts and confirmations. Commands still run when Talk is off.

How to change: Press **Action** to turn on or off.

Voice speed

How fast Iris speaks.

How to change: Highlight the row. Stick up/down.

Headset

IPD

Second step of IPD (after the headset dial).

Aligns the left and right eye views. Stick up or down, then **Action** to save.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Viewport Size

How large the stereo image appears.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Field of View

Default magnification for modes that follow the headset FOV.

How to change: Press **Action**. Stick up/down to preview. **Action** saves. **Back** discards.

Adjust View

Image shape: Max view, Soft edges, or Lens view.

How to change: Press **Action**. Stick to Max view, Soft edges, or Lens view. **Action** to choose.

Auto Sleep

How long before Vista sleeps itself: never, or 1, 2, 5, 10, 15, or 30 minutes (default 5).

How to change: Highlight the row. Stick up/down.

Modes

Show or hide Bubble, Bioptic, Outline, RP, Television, Stream TV, Movies, Books, and Games in the carousel. Welcome, Scene, Reading, Photo Gallery, YouTube, and Settings stay visible. Hidden modes stay available by voice.

How to change: Press **Action**. Stick to a mode. **Action** to hide or show it.

Left / right lens

Turn one eye display off to focus the other, then turn both back on.

How to change: Press **Action** to turn on or off.

Reset Headset

Restore most headset settings to defaults.

Language, Wi-Fi, and your setup fit (IPD / FOV / viewport) are kept. Confirm Yes or No. This does not re-run onboarding.

How to change: Press **Action**, then Yes or No.

Reset Mode (inside a mode menu) clears only that mode.

System

Serial Number

Reads the device serial aloud.

How to change: Press **Action**. Vista reads the serial aloud.

System Info

Battery, time, Wi-Fi, and related status.

How to change: Press **Action**. Vista speaks battery, time, and Wi-Fi.

Left Handed

Swaps Action and Back on the remote.

How to change: Press **Action** to turn on or off.

Care and Maintenance

Cleaning Tips

- Wipe the outer parts of the headset with a dry, soft cloth or wipe.
- Remove the phone from the headset and wipe it down with a dry, soft cloth or wipe. Dust particles and smudges can collect on the screen or camera lens.
- Wipe down the lens bubbles on the inside and outside of the headset to remove dust particles and smudges.
- The foam lining of the headset that presses up against your face and the straps that go around your head can be removed for cleaning. Run them under warm water, use a mild soap to scrub, and then rinse and air dry them.

- If you use a lens cleaner, we recommend that you spray it on the cloth first, and then wipe down the headset.

How to Sleep or Shut Down Your Headset

Voice and the remote can put Vista to **sleep**. They cannot power the phone off.

Sleep

1. Ask Iris “sleep,” or go to **Settings** → **Sleep**.
2. The display goes dark.
3. Say **Iris** to wake (Iris Listen must be on).
Turn the remote on again if it has timed out.

Shut down (Pixel 7 Pro hardware)

Open the front cover so you can reach the buttons on the side of the phone.

1. Press and hold the **power button and volume up** together for a few seconds.

2. When the power menu appears, choose **Power off**.
3. The screen turns black. You can then put the headset away.

To turn Vista back on, press and hold the **power button** until the phone vibrates. It takes about 20 seconds to reach Welcome. Turn the remote on again.

Coaching

We no longer book a set training hour. Learning Vista now starts **on the headset**: Iris walks you through first-time setup (onboarding). You can run that again anytime from **Settings** → **Onboarding**.

A coach also reaches out after your Vista arrives to answer questions — not to run a fixed lesson. They will check in from time to time to see how

you are getting on. There is no preset appointment and no required session length.

If you want help between those check-ins, **contact us** (web address on page 97).

Troubleshooting

If your Vista isn't behaving as expected — it won't power on, voice commands aren't responding, or it needs a refresh — see **Troubleshooting** (web address on page 97) for step-by-step fixes, or **contact our support team**.

Contact

Need help? Our team is here for you.

Contact Us

irisvision.com/contact-us



Web addresses in this guide

Each address below is a page on our website. Scan the code with a phone camera, or type the address into a web browser.



Getting Started

**[irisvision.com/help-center/
getting-started](https://irisvision.com/help-center/getting-started)**



IrisVision website

irisvision.com



Low-vision solution

**[irisvision.com/irisvision-low-
vision-aid](https://irisvision.com/irisvision-low-vision-aid)**



Unboxing video on Getting Started
[irisvision.com/help-center/
getting-started/#videos](https://irisvision.com/help-center/getting-started/#videos)



Setting up Vision Cast video
[irisvision.com/help-center/user-
guides/live-2-0-user-guide/
#setting-up-vision-cast](https://irisvision.com/help-center/user-guides/live-2-0-user-guide/#setting-up-vision-cast)



Week 2
[irisvision.com/help-center/
getting-started/#week-2](https://irisvision.com/help-center/getting-started/#week-2)



Contact us
irisvision.com/contact-us



Troubleshooting
[irisvision.com/help-center/
troubleshooting](https://irisvision.com/help-center/troubleshooting)



Vista User Guide online

irisvision.com/help-center/user-guides/live-2-0-user-guide

If you need help

Call +1 855 207 6665

Email support@irisvision.com

Monday to Friday, 9am to 5pm Eastern Time

IV-UG-VISTA-EN · Revision A · September 3, 2026