Welcome to OrCam.

This guide will show you how to use your OrCam MyEye to maximize your independence.
OrCam devices are intended to enhance the day-to-day lives of individuals with visual impairments. They are not substitutes for existing methods or forms of assistance and should not be relied upon in circumstances which are potentially life- or health-threatening or which could lead to financial loss. OrCam devices should especially never be relied upon to drive vehicles or operate heavy machinery of any kind.

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This user guide is also available for online viewing and download in PDF and audio formats at: www.orcam.com/userguide

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Get Prepared.
What’s in the Box.

- OrCam MyEye 2.0 and charger
- Glasses frame with mount
- Mount kit with scissors/clippers
- Leather carrying case and lanyard

The OrCam MyEye’s parts and buttons.

**Outside** (long side, facing outwards):

1. Touch bar
2. LED indicator

**Inside** (long side, facing glasses frame):

3. Magnets that attach to mount
4. Power button and LED indicator

**Front:**

5. Camera
6. LED lights for low light situations

**Back:**

7. Speaker
8. Charger port
9. Eyelet loop for attaching to lanyard
Attaching the mount.

To wear the OrCam MyEye, you need to install a small mount with magnets on a glasses frame. We recommend using thicker frames to better support the device.

Choose whether you want to install the mount on the right or left arm of your glasses frame.

You will require:

1. Your glasses frame
2. Your OrCam MyEye, powered off
3. The partially-assembled plastic mount
4. Pair of small scissors (provided in the box)

To assemble on the right arm of the glasses frame, using the partially-assembled mount:

• Place the OrCam MyEye on the mount.
• Insert the right glasses arm through the mount straps, ensuring the tab is towards the back and camera is facing forwards.
  • Align the front end of the OrCam camera with the front of the glasses frame to position the mount correctly on the glasses arm.
  • Remove tab from back side of the mount.
  • Press the mount onto the arm of the glasses frame. Ensure the OrCam MyEye is still parallel to the glasses frame's arm and that the camera is facing forward.
  • Remove the OrCam MyEye from the mount.
  • Push each strap around arm and through the hole on the mount. Pull tightly to secure mount.
  • Carefully cut off the excess strap close to the mount.
The mount is now attached to the glasses frame and can be left there permanently. The glasses can be folded with the mount in place.

See www.orcam.com/tutorials for a video tutorial to help you attach the mount.

**Note:** If you prefer to attach the OrCam MyEye to the left arm of the glasses frame, the mount tab must face forwards during assembly, to ensure the magnets are properly aligned.

**Charging your OrCam MyEye.**

- Attach the OrCam charger cable to the USB outlet on the back of the OrCam MyEye.
- Plug the charger into an electrical socket.

The OrCam MyEye fully charges in 40 minutes. Charge the device when not in use so it is ready when you are.

OrCam strongly recommends using only the original OrCam charger provided.

**Turn on your OrCam device.**

- Press the Power button on the inside of the OrCam MyEye for about 2 seconds.
- The LED light on the inside of the device will turn green.
- After about one minute you will hear, “OrCam Version 8 is ready. Battery is [this many] percent charged.”

If you did not hear the phrase, “OrCam is ready,” or you are not sure that the OrCam MyEye is on, touch the touch bar. If the device is on, you will hear a response.
**Turn off your OrCam device.**
- Press the Power button once. You will hear “Suspending. Press again to shut down.”
- Press the power button again. You will hear, “Shutting down, please wait.”
- Just before the unit shuts down, you will hear, “Power off. Bye Bye.”

When you turn the OrCam MyEye on or off, it is recommended to listen to the system messages.

**Enter Suspend mode.**
- Press the Power button once.
- You will hear, “Suspending. Press again to shut down”, and then “Suspending” as the device enters Suspend Mode.

**Exit Suspend mode.**
- Double tap the touch bar or press the power button while the device is horizontal.
- You will hear, “Waking up. Battery is [this many] percent charged.”

**Automatic Suspend and Power Off.**
- The OrCam MyEye automatically enters suspend mode after three minutes of inactivity. This time can be adjusted in the setup menu.
- The OrCam MyEye powers itself off after three hours in suspend mode.
Get Started.
Gestures.
You can activate your OrCam MyEye using simple and intuitive hand gestures.

Pointing Gesture.
OrCam MyEye can recognize text, products, barcodes and banknotes through a simple point of your finger. When the camera sees your fingertip, it knows you want it to read or recognize something.

• Raise the index finger of your hand, with the tip of your finger pointed up and the fingernail facing the camera.

• Extend your arm outward, in front of you, with your finger at eye level, and point at the area you want to read or recognize.

• When the camera detects your finger, you will hear a double-beep.

• Remove your finger away from the camera’s field of view. The camera will take a picture of what it sees and make several beeps as it processes the picture.
**Stop Gesture.**

Use this gesture when you would like OrCam to stop reading.

- Extend your hand in front of your face and cover the text, with the back of your hand facing you and fingers pointing up.
- Hold your hand in place for 1-2 seconds.

**Time Gesture.**

The OrCam MyEye can announce the current time and date.

- To hear the current time, raise your hand upward with your fist closed and the back of your hand facing you, as if looking at your watch. After a few seconds, OrCam will tell you the current time.
- To hear the day of the week and the date in addition to the time, keep your hand in place for a few more seconds.
Reading with OrCam.

Reading with Pointing.
Useful when reading paragraphs of text.

- Hold the text about 12 inches (30 cm) directly in front of your face.
- Point at the text area you want to read, using the OrCam pointing gesture.
- When you hear a double beep, remove your finger from the area.
- The camera will sound as OrCam takes a picture of the text.
- OrCam will make several beeps as it processes the picture. It will then begin reading the text and chime when done.

Reading with Automatic Page Recognition.
For hands-free reading. Default setting is off, enable via settings menu.

- Look directly at the text you want OrCam to read from for a few seconds.
- The camera will sound as OrCam automatically takes a picture of the text.
- OrCam will begin reading the text and chime when done.
## Touch Reading.
For reading specific lines of text, such as menus or newspaper headlines.

- Point and hold your finger directly under the text you want to read, using the OrCam pointing gesture, until the OrCam beeps twice.
- OrCam will start to read from about 3 lines above your finger.
- To read a new section, slide your finger up or down to a new spot on the page.
- The camera will follow your finger to the next section you want to read.
- OrCam will then double beep and start reading from the new location.

## Reading with Touch Bar Function.
When you want to read the whole page.

- Look at the text you want OrCam to read.
- Touch the bar. You will hear a single beep.
- The camera will sound as OrCam takes a picture of the text.
- OrCam will read text and chime when done.
Reading Navigation.
Easily navigate any text.

• To pause reading, double tap the touch bar.
• To resume reading, double tap the touch bar.
• To skip forward, swipe your finger forward along the touch bar (same as raising volume).
• To skip back, swipe your finger backward along the touch bar (same as lowering volume).
• To stop reading, touch the bar or use the stop gesture.
• When OrCam is finished reading, it will make a chime sound.

Multi-Language Reading.
You can read text in other languages (dependent on availability in your region)

• Enter the reading settings menu to enable automatic language detection.
• OrCam's audio instruction messages remain in the device’s original language even if you enable multi-language reading.

Face Recognition.
To help you identify people more easily.

Learn Faces.
• Stand about 3 feet (1 meter) from the person you want OrCam to learn and look at their face.
• Place your finger on the touch bar and keep it there. The device will start making shutter sounds.

• Ask the person to speak, and tilt or turn their head slowly in different directions. This will help the OrCam record several views of the person to recognize them from different angles.

• When you are done, remove your finger from the touch bar.

• OrCam will ask you to say the person's name.

• Then, touch the touch bar to confirm or swipe to re-record.

• Each time OrCam recognizes a saved face, it will replay your recording.
Recognize Learned Faces.

• Stand a few feet from the person you want to recognize and look at their face. There are two ways for OrCam to recognize a face:
  • Manual face recognition: Touch the touch bar until you hear a beep followed by a camera sound.
  • Automatic face recognition: Keep your head steady as OrCam recognizes the person.
• OrCam will play your recorded name aloud and chime when completed.

Information about new faces.

• Follow the instructions for “How to recognize learned faces.”
• After taking a picture, OrCam will then tell you the number of people in front of you, their general ages and their genders.

Notes on Facial Recognition.

• For best results, make sure to learn one face at a time, in an area with good lighting.
• If OrCam fails to recognize a previously learned person you can re-learn that face.
Product Identification.
To help you identify products more easily.

Identify Products with Barcodes.
Default disabled. Enter settings menu to enable

• Hold the barcode 12 inches (30 cm) in front of your face.
• Activate your OrCam to scan the barcode:
  • Manual activation: Touch the touch bar and wait for a beep.
  • Automatic barcode identification: Look at the barcode for a few seconds.
  • Pointing: Point at the barcode until you hear a double beep. Remove your finger from the area.

• The camera will sound as OrCam takes a picture of the barcode.
• OrCam will announce product information, if available.

Notes on Barcodes.
• Use pointing for barcodes on small objects.
• Barcode identification is only supported for certain products in specific countries.
• If a barcode is not available in the pre-loaded database, OrCam will say “unfamiliar barcode.”
Learn Products.

Default disabled. Enter settings menu to enable.

- Hold the product you wish to learn 12 inches (30 cm) in front of your face.
- Look directly at one side of the product. Touch and hold the bar until you hear a beep.
- OrCam will say “Start new product learning. Please point at the product three times at different positions.”
- Point at the center of one side of the product until you hear a double beep.
- Remove your finger. Wait for camera sound.
- Move the product to a different position and repeat the above step twice.
- OrCam will tell you when it has learned one side of the product.

- To learn another side of the product, repeat the above steps on a new side.
- Once you have completed learning sides, wait a few seconds to complete product learning.
- OrCam will then ask you to record the name of the product after the beep.
- After saying the name, touch the bar to confirm the name or swipe the bar to re-record.
- Each time OrCam identifies the product, it will replay your recording.

Notes on Product Identification.

- OrCam can best identify products between the size of a playing card and a cereal box.
- OrCam may struggle to identify products with few distinct features, e.g. wallets or fruits.
- OrCam can learn from one to four product sides. OrCam can only identify learned sides.
Banknote Identification.

To help you identify local banknotes.

Identify Banknotes with OrCam.

• Hold the banknote 12 inches (30 cm) in front of your face.
• Activate your OrCam to identify the banknote:
  • Manual activation: Touch the bar and wait for a beep.
  • Automatic banknote identification: Look directly at the banknote for a few seconds.
  • Pointing: Point at the banknote until you hear a double beep. Remove finger from the area.
• The camera will sound, and OrCam will announce the banknote’s value.

Notes on Banknotes.

• OrCam is programmed to identify your locality’s banknotes. To add other banknotes, follow instructions for Learn Products.
• In order to ensure the correct value, you may want to identify the banknote twice.

Color Detection.

Your OrCam can detect different colors

Detect Colors with OrCam.

• Place the colored surface 12 inches (30 cm) in front of your face.
• Point at the colored surface using the OrCam pointing gesture until you hear a double beep.
• Hold your finger in place until OrCam announces the color.
Get Comfortable.
Settings.

Set the Volume.

- To increase volume, swipe your finger forwards on the touch bar.
- To decrease volume, swipe your finger backwards on the touch bar.

**Note:** OrCam has 10 available volume levels. Your OrCam will announce when you reach the maximum or minimum level.

Set the Internal Clock.

OrCam MyEye can announce the current time and date. (See “Time Gesture” for instructions.)

This feature is enabled by default. It can be adjusted in the “Gesture Settings” sub-menu in the Audio Settings Menu.

To set the internal clock, enter the settings menu, or go to the Time Set page on the website: www.orcam.com/timeset. Read the “OrCam Please Set Time” command on the screen.

Audio Settings Menu Options.

You can customize your OrCam’s settings via the audio settings menu.

To enter the settings menu, hold the power button, swipe your finger along the touch bar, and then release the power button. Or, use the following OrCam Please command:

OrCam Please Enter User Menu

You can customize your OrCam’s settings

1. Reading Language
2. Reading Rate
3. Volume
4. Reading Settings
5. Gesture Settings
6. Face Settings
7. Products, Barcodes, Banknotes, and Colors Settings
8. General Settings
9. Exit

**Software Update.**

Automatically update the software on your OrCam device over WiFi

Before you begin, make sure you are in a location with a WiFi network that you can access.

Define your WiFi network:

- On your computer or smartphone, go to www.orcam.com/wifiset
- Follow instructions on the screen to set your WiFi Network.
- A QR code will appear on the screen.

On your OrCam device:

- Connect the device to the charger.
- Enter the setup menu. Enter General Settings Menu. Then enter “WiFi settings menu.”
- Follow audio instructions provided to connect using the QR code on your computer or smartphone screen.
- Connect device to WiFi by choosing the next menu entry: “Touch to connect to WiFi.”

Once you have defined your WiFi network, OrCam MyEye will check for software updates every time you connect it to the charger in the area of your WiFi network and automatically install new updates.
Tips

• For best detection, ensure that the camera lens is directly facing the text or item, and the lens is not covered or dirty. The camera can only read or recognize text or items in its field of view.

• When the camera detects your finger, you will hear a double-beep. A high-pitched beep indicates you are pointing at the center of the camera’s field of view. The beep becomes gradually lower-pitched as you approach the margins of the frame.

• When reading or recognizing, remove your finger from the frame once you hear the beep so that the camera can take a picture.

• Make sure you do not move items or texts you would like OrCam to read or recognize while OrCam is taking a picture.

• Pointing while walking or pointing at moving items is not advised, as the device may not recognize or read.

• To best read with pointing, ensure that your finger is in the middle of the column around a half-inch or 1 cm below the top of the section you want OrCam to read.

• When pointing, many people find it easier to actually touch the text or screen.

• For optimal use of automatic page recognition, make sure at least 3 edges of the page are in the camera’s field of view.

• If you are having trouble keeping the text steady, a book holder is recommended.

For more tips, advice, and troubleshooting support, visit www.orcam.com/tips

Or, contact our customer service department.

Email: support@orcam.com

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Phone, United Kingdom: 0800.358.5323
**OrCam Please Commands.**

The OrCam Please commands provide an alternative method to set some OrCam MyEye settings. When the command has been identified successfully, the device will play a distinct tone.

The OrCam MyEye may not read the command, but rather perform the command. The relevant confirmation message will be played.

Available commands can be found on the OrCam website. Visit:

[www.orcam.com/personalization](http://www.orcam.com/personalization)

**Reset Device.**

The following commands will remove all faces or products from the device’s memory, or reset the device to its default factory settings and also remove faces and products from memory.

For best results, print this text on an empty page or display alone on a screen.

**OrCam Please Remove All Learned Faces**

**OrCam Please Remove All Learned Products**

**OrCam Please Clear User Settings**
**Terms and Conditions.**

Your use of your OrCam device (the “Product”) is subject to the Terms and Conditions found at orcam.com/terms-and-conditions. Your agreement to these Terms and Conditions is a condition to your use of the Product.

Please read the User Guide in full, including the important Safety Instructions, BEFORE using your OrCam device. DO NOT use your OrCam device until you have received in-person or online training by an authorized OrCam Trainer™ or OrCam Training Program.

OrCam can take no responsibility if the Product was used other than in accordance with the instructions in the User Guide. Products should not be relied upon in circumstances that are potentially life- or health-threatening or that could lead to financial loss. OrCam devices should especially never be relied upon to drive vehicles or operate heavy machinery of any kind. OrCam shall not be responsible in the event that Products are used in such situations.

OrCam received Barcode information from Barcodes of Grocery Products in Australia and New Zealand from GS1 Australia. OrCam accepts no responsibility for the accuracy of the barcode information attained from this or other providers.

**Warranty.**

Customer acknowledges that, other than as explicitly stated herein, OrCam does not make any representations or warranties to Customer regarding the Product, its functions or any images it produces.

The OrCam end-user limited product warranty (the "Limited Warranty") covers the owner of an OrCam product against defects in material or workmanship at the time of its original purchase, for a subsequent period of one (1) year, and for any additional applicable legal warranty period. Original proof of purchase/delivery is required from the owner in order to obtain this coverage.

OrCam will repair or replace, at its discretion, any product that is determined by OrCam to be covered under this Limited Warranty. OrCam will not be responsible for conditions arising as a result of intentional damage or misuse of the product. The owner is responsible for the costs of shipping the product to the location specified by OrCam.

This Limited Warranty is the sole and exclusive warranty applicable to OrCam products. No third party has the authority to make any representation, warranty, or agreement on behalf of OrCam with respect to OrCam products. No warranty of any kind or nature is made by OrCam beyond those expressly stated herein.

In no event shall OrCam be liable for any special, collateral, indirect, punitive, incidental, consequential, or exemplary damages in connection with or arising out of the use of the product.
Without limiting any provisions limiting liability under this agreement, the limited warranty set forth herein will not apply, and the owner will reimburse OrCam for any costs and expenses incurred in the event that:

(i) the product has been used other than in accordance with the product documentation and terms of use or other written operating instructions provided by OrCam

(ii) the product has been subject to tampering, misuse, negligence, or accident

(iii) the product or parts identification labels have been removed or the product has been otherwise altered

(iv) the product has been opened, modified, repaired, serviced, maintained, or altered by someone other than an authorized OrCam representative

(v) the product has been combined with software, hardware, or other equipment not supplied by OrCam or not approved in writing by an authorized OrCam representative

(vi) the product has been intentionally damaged or exposed to water, heat, or high voltage

(vii) the product has been used by a person who has not completed training by an authorized OrCam Trainer™

Any parts replaced pursuant to this warranty will be under warranty for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer.

If you believe that your product needs warranty support, contact support@orcam.com. You will be responsible for shipping costs. However, if it is determined that the warranty request is valid, OrCam will pay the total cost of shipping the repaired or replaced product.

ORCAM DISCLAIMS ANY AND ALL WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT OF THIRD-PARTY RIGHTS, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ORCAM DOES NOT WARRANT THAT THE PRODUCT WILL BE ERROR FREE OR “BUG” FREE, WILL OPERATE WITHOUT INTERRUPTION, THAT ANY IMAGES OR SOUNDS PRODUCED BY THE PRODUCT WILL BE ACCURATE OR THAT THE OPERATION OF THE PRODUCT WILL BE SECURE AND HEREBY DISCLAIMS ANY AND ALL LIABILITY ON ACCOUNT THEREOF. THIS SECTION SHALL BE ENFORCEABLE TO THE FULLEST EXTENT ALLOWED BY APPLICABLE LAW.

Refund policy.

You can return your undamaged device for a refund within the period required by local law or 30 days following receipt, whichever is longer. Returns may be subject to a re-stocking fee. Training fees are non-refundable. Please contact your local representative or OrCam Support to initiate a return process.
**FCC Compliance.**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

**FCC Warning.**

Modifications not expressly approved by the manufacturer could void the user authority to operate the equipment under FCC Rules.

**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT.

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**CE Compliance - Authorized European Community Representative**

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Safety.

Before using the OrCam device, read these precautions carefully to avoid dangerous situations and to ensure ideal performance of your device. Handle your OrCam device with care. It can be damaged if dropped, burned, punctured, or crushed. Do not open the device.

The OrCam device is designed to work in ambient temperatures between 32°F and 104°F (0°C and 40°C) and in normal conditions (Relative Humidity of 10% to 90% RH and Atmospheric Pressure of up to 2000m above sea level (700hPa)). The device can be damaged if used outside of this range. Store and transport in a cool, dry place (32°F to 104°F (0°C to 40°C) and Relative Humidity of 5% to 90% and atmospheric pressure of 700hPa to 1060hPa)).

The OrCam device is water resistant but not waterproof. This means the device can withstand light rain or drizzle for short periods of time, although it is not recommended. Do not use the OrCam device in heavy rain, at the beach or swimming pool, or in or near a bathtub or shower. Do not submerge the OrCam device in any liquid. IP Code: IP22.

Clean your device if you feel it is dirty or transferred between users. Never touch the camera lens with your finger. Clean the lens only with the supplied microfiber cloth and eyeglass cleaning fluid. Do not use any abrasive materials. Do not expose the device to chemicals, such as household cleaners, aerosol sprays, solvents, alcohol, or ammonia. If you experience an allergic reaction to any of the elements of the OrCam device contact a medical professional.

Should you have a problem operating the OrCam device, if the case or lens is cracked, or if you believe there is something wrong with the device, please contact support and do not attempt to repair it by yourself. Only qualified OrCam personnel may repair or service your device. Unauthorized repairs may void your warranty.

Do not attempt to replace the battery; you may damage it, which could cause overheating and even injury. The battery is designed to last for three years of average use (three charging cycles per week on average) after which it may need to be replaced. Use only the charger supplied with your OrCam device. Using another charger may void your warranty and could cause severe injury.

Do not force a connector into a port or apply excessive pressure to a button. This may cause damage that is not covered under the warranty. If a connector does not insert easily, check for obstructions in the port and verify that you have the correct connector for that port. Do not combine with software, hardware, or other equipment not supplied by OrCam. Exposing the device to magnetic fields may damage the unit or erase your data.

When using the OrCam device or charging the battery, it is normal for the device to get warm. If the unit becomes excessively hot, leaks, or gives off a burning smell, turn the device off immediately and contact OrCam Support.

OrCam MyEye meets the standard requirements in the US and EU for Class 1 medical devices. OrCam recommends keeping the OrCam MyEye’s magnets at least 6 in. /15 cm away from any implantable cardiac equipment. If you have specific questions about use alongside an internal pacemaker and/or defibrillator, please consult your medical professional.