



OrCam MyEye Pro Instructions

A partnership between the Clinton-Macomb Public Library and Macomb County



What is an OrCam MyEye?

OrCam MyEye is a wearable technology that is suitable for all eye conditions, all levels of vision loss, and for people with reading challenges. The device increases independence by allowing individuals to access visual information such as text, faces, products, and money notes with the help of the device's smart camera. The device can be used any environment without the need of an internet connection.

Buttons and Connectors



1. **Smart camera** is equipped with an advanced optical sensor that captures an image of your surroundings and communicates the information audibly through a tiny speaker that rests above the wearer's ear.
2. **Speaker** listens to your voice commands and prompts device to perform the specific command.
3. **Touch bar** is located on the outer side of the device with an embossed line running down the middle.
4. **Embedded Magnets** attaches the device to a pair of eyeglasses.
5. **Power button** turns OrCam MyEye on and off.
6. **USB Port** is used to charge the OrCam MyEye.
7. **LED lights** assist camera with illumination.

Getting Started

Turn on OrCam MyEye

1. Press the power button for about 2 seconds. Once you hear the beep you may let go of the power button.
2. While the device is powering on you will hear a series of beeps.
3. The LED light near the touch bar will turn orange and then blue as the device wakes up, and will remain blue upon fully awakening.
4. After about one minute you will hear a chime and then, OrCam MyEye Version 9 is ready. Battery is # percent charged.

Accessibility features

OrCam MyEye includes several built-in accessibility features that reads text, recognize faces, and identify products by using intuitive hand gestures and simple voice commands.

I. Reading with Pointing Gesture

Useful when reading specific sections of text.

1. Hold the text in front of your face at a distance of about 12 inches.
2. Point at the text area you want to read using the pointing gesture.
3. When you hear a double beep, remove your finger from the text.
4. The camera will make a shutter sound as OrCam MyEye takes a picture of the text.
5. OrCam MyEye will make several beeps as it processes the picture.
6. OrCam MyEye will then begin reading the text and chime when done.

II. Touch Reading

1. OrCam MyEye will read specific lines of text, such as in menus or newspaper headlines.
2. Point and hold your finger directly under the text you want to read using the OrCam MyEye pointing gesture until OrCam MyEye beeps twice.
3. OrCam MyEye will then begin reading from about 3 lines above your finger.
4. To read a new section, slide your finger up or down, without lifting your finger, to a new spot on the page.
5. The camera will follow your finger to the next section you want to read.
6. OrCam MyEye will then double beep and start reading from the new location.

III. Reading with Touch Bar Function.

When you want to read a whole page or 2 pages side by side.

1. Look at the text you want OrCam MyEye to read.
2. Touch the touch bar once. You will hear a single beep.
3. The camera will sound as OrCam MyEye takes a picture of the text.
4. OrCam MyEye will then begin reading the text and chime when done.

IV. Automatic Page Recognition

For hands-free reading.

1. To turn on Automatic Page Recognition, go to the audio settings menu and switch the Automatic Page Recognition default setting to on.
2. Look directly at the text you want OrCam MyEye to read from for a few seconds.
3. The camera will sound as OrCam MyEye automatically takes a picture of the text.
4. OrCam MyEye will then begin reading the text and chime when done

V. Smart Reading

This feature is designed to help you find the information you are looking for in a faster and easier way. You can ask OrCam Read to read the due date and amount of your bills, read just the desserts section of a menu, read the phone number off a business card, and more!

1. Hold the text in front of your face at a distance of about 12 inches.
2. While the camera is directly facing the text, double tap the touch bar and say, "Smart Reading".
3. The device will take a picture of the text and announce "ready". The device is now listening and awaiting your command.
4. When you say the voice command "read the dates" and the device will read all the dates listed in the text.
5. When you say the voice command, "Smart reading, read everything" the device will read the entire text.
6. There are three ways to exit Smart Reading:
 - Voice command: say "exit".
 - Hand gesture: use the stop hand gesture.
 - Press the touch bar for five seconds.

VI. Recognize Faces

You can personalize your OrCam MyEye by teaching it to recognize faces. This can assist you when you need to identify people such as friends, family, and coworkers. In addition, the face recognition feature can announce any unfamiliar persons by announcing whether there is a child, young man or woman, man or woman, or multiple people in front of you.

1. Stand about 3 feet from the person you want OrCam MyEye to learn and direct your OrCam MyEye toward their face.
2. Press and hold the touch bar. The device will start making camera shutter sounds. Follow the audio instructions.
3. While recording the person's face, ask them to speak, tilt or turn their head slowly in different directions, and make a few facial expressions. This will help OrCam MyEye record several views of the person in order to recognize them from different angles.
4. When you are done, after 15-30 seconds, remove your finger from the touch bar.
5. OrCam MyEye will chime and ask you to say the person's name after the beep.
6. After saying the name, touch the touch bar once to confirm the name or swipe the touch bar to record the name again. You may also double tap the touch bar to abort the whole process. Upon confirmation, OrCam MyEye will chime and say "Person learned".
7. Each time OrCam MyEye recognizes a saved face, it will replay your recording.

VII. Product Identification

This feature will help you identify common objects that you use on a daily basis.

1. Hold the product you wish to learn 12 inches in front of your face.
2. Direct your OrCam MyEye to one side of the product. Touch and hold the touch bar until you hear a beep.
3. OrCam MyEye will chime and say "Start new product learning. Please point at the product three times at different positions".
4. Point at the center of one side of the product until you hear a double beep.
5. Remove your finger. Wait for the camera shutter sound.
6. Move the product to a different position and repeat the above two steps twice.
7. OrCam MyEye will tell you when it has learned one side of the product.
8. To learn another side of the product, repeat the above steps on a new side.
9. Once you have completed learning sides, wait a few seconds to complete product learning.

10. OrCam MyEye will then ask you to record the name of the product after the beep.
11. After you say the name, touch the touch bar to confirm the name or swipe the touch bar to record the name again. You may also double tap the touch bar to abort the whole process.
12. Upon confirmation, OrCam MyEye will chime and say “Product learned”. Each time OrCam MyEye identifies the product, it will replay your recording.

VIII. Identify Learned Products.

1. Hold the learned product 12 inches in front of your face.
2. There are two ways to activate your OrCam MyEye to scan the product:
 - a. Touch the touch bar and wait for the beep.
 - b. Point at the product until you hear a double beep. Remove your finger from the area.
3. The camera will make a shutter sound as OrCam MyEye takes a picture of the product.
4. OrCam MyEye will replay your recording of the product name.

Charging OrCam MyEye

The OrCam MyEye comes with a USB magnetic charger cable that is designed to eliminate the difficulty of plugging the mini-USB end into the charger port on the device which is experienced by many visually impaired people.

To begin charging connect the device to the charger provided in the box via a USB magnetic adaptor piece.

1. Connect the magnetic charger cable to the OrCam USB magnetic adaptor piece.
2. Plug the USB end into the charger and then into an electrical socket.



Need help with using the OrCam MyEye? Please email MLBPD at mlbpd@cmpl.org. Include your name, phone number, and the tech issue you would like to be helped with.



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