ORCAM

OrCam

See for yourself

User Guide

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Important Information

This manual contains only the basic information required to setup and operate your OrCam device. More detailed information and advanced setup and operation procedures, in the form of video tutorials, are available on the OrCam website.

We recommend that before you operate OrCam for the first time, you go to the website and run the Basic Training video at: www.orcam.com.

Getting Started

OrCam overview

Your OrCam device is made up of two components:

Base unit

Need photos or drawings that I can modify with callouts to describe the various buttons/plugs/parts.

Head unit

Need photos or drawings that I can modify with callouts to describe the relevant parts.

Accessories

Included in the box with your OrCam base and head units are the following:

- Two mounts for attaching OrCam to your eyeglasses
- Three adapters of varying sizes to fit eyeglass frames (non-round) with a thickness ranging from 1.0 – 5.5 mm
- Alan key for fastening mounts to eyeglasses
- Power charger and adapter
- USB cable with standard USB to micro USB connector
- Belt clip for Base unit
- Shim adapter for bone conductor hearing piece on Head unit
- User manual

Restrictions

The following restrictions apply to the current version of OrCam:

- OrCam cannot be used at outside at night or in low-light conditions.
- The Head unit can only be mounted on the right-hand side. You can use either hand to point at objects, although the right hand is recommended for the current configuration.

- You may require one or more days to accustom yourself to OrCam and to where you have to point, and when, in order to accurately trigger the device.

Battery

Before you can begin using OrCam, you must charge the battery in the Base unit for eight (8) hours.

- A fully charged battery can work for up to three hours with constant use and eighteen hours on Standby.
- Standby starts automatically after five minutes if no trigger is received.
- After the initial eight hour charge, the battery requires four hours from depleted to full.
- OrCam notifies you regarding how much battery power you have remaining.

Assembly

Head unit

The Head unit attaches a mount, permanently fastened to a pair of eyeglasses. The mount is attached to the temple (side piece) of the eyeglass frame.

➔ To attach the Head unit

1. Select the adapter that most closely matches the thickness of the temple of your eyeglass frame.
2. Fit the adapter and Head mount to the right-hand temple. (Currently, only right-hand mounts are available.)
3. Ensure that the mount is aligned with the sight line of the glasses. If OrCam is angled too high or too low, you will not be able to accurately trigger the device.
4. Use the Alan key to tighten the mount to the frame.
5. Snap OrCam into the mount and verify that the camera is properly aligned.

Base unit

The Base unit can be clipped to your belt or placed in a pocket, pouch, or other carrying case.

- We recommend that the cord be underneath your clothing so it does not catch on things in your environment. (Tuck the cord behind your ear where it comes off the Head unit.)

- Ensure that you can move freely and that there is no tension on the cord between the Base and Head units.

General Operation

Here you will find the most basic tasks needed for operating your device. Advanced setup and operation procedures, in the form of video tutorials, are available on the OrCam website at www.orcam.com.

Turning OrCam on and off

➔ To turn OrCam on

1. Put on the glasses with the attached Head unit.
2. On the Base unit, press the **ON** button. The unit begins to boot up. After approximately 15 seconds you will hear, "OrCam is ready."

If for some reason you did not hear the phrase, "OrCam is ready," or you are not sure that the unit is on, press one of the volume buttons **(UP** or **DOWN**). If the unit is turned on you will hear a response to your action.

➔ To turn OrCam off

1. Put on the glasses with the attached Head unit.
2. Press the **ON** button. You will hear, "Shut down requested, press again to shut down."
3. Press the **ON** button a second time. You will hear, "Shutting down, please wait." When shut down is complete you will hear, "Bye bye."

Standby

To conserve battery power, OrCam has an automatic standby feature. After a pre-configured amount of time, the device announces that it is going into standby mode.

➔ To exit standby mode

1. Put on the glasses with the attached Head unit.
2. Do one of the following:
   - Press the **TRIGGER** button.
   - Tap the Base unit.

   You will hear, "Waking up."

LED functions

You can verify the status of your OrCam device unit by checking the color and behavior of the Base unit LEDs.

- Off:
- Charging:
- Operational/working:
- Standby:

Seeing with OrCam

Trigger the camera

There are four ways to trigger the camera:

- Point with your finger
- Press the TRIGGER button
- Wave an item in front of the camera
- Tap the Base unit

Safety

Read the following precautions carefully to avoid dangerous situations and to ensure ideal performance of your OrCam device.

- Handle OrCam with care. It can be damaged if dropped, burned, punctured, or crushed.
- OrCam is designed to work in ambient temperatures between 32° and 104° F (0° and 40° C). The device can be damaged if used outside of this temperature rage. Store in a cool, dry place.
- OrCam is water resistant but not waterproof. The Head unit can be used in a light rain or drizzle, as long as the Base unit is covered and protected.
- Do not use OrCam in heavy rain, when at the beach or swimming pool.
- Do not submerge OrCam in any type of liquid.
- Do not expose the device to chemicals, such as household cleaners, aerosol sprays, solvents, alcohol, or ammonia.
- Do not open the Head or Base units.
- There is a cord connecting the Head and Base units. Do not disconnect this cord from either Head or Base unit.
- Do not pull on the cord or cut it in any way.
- Do not attempt to repair OrCam by yourself. Only qualified OrCam personnel may repair or service your device.
- Do not attempt to replace the battery; you may damage the battery, which could cause overheating and even injury. CAUTION: RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE.
- Use only the AC adapter supplied with your device. Using another AC adapter may invalidate the 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.
- Ensure that the rubber cover on the bottom of the Base unit is closed whenever the connectors are not in use.
- Exposing the Base unit to magnetic fields may damage the unit or erase your data.
- When you are using OrCam or charging the battery, it is normal for the Base unit to get warm. If the unit becomes excessively hot, leaks, or gives off a burning smell, turn off the device immediately and contact your OrCam representative.

Maintenance

Cleaning

Base unit

Clean the Base unit immediately if it comes in contact with anything that may be sticky or cause stains.

- Turn off the unit before you begin.
- Clean **only** with a damp cloth and mild soap.
- Avoid getting moisture in any of the openings.

Head unit

Clean only if you feel it is dirty or if you have noticed a drop in performance. Never touch the cameral lens with your finger or any item that might transfer oil onto the glass.

- Clean **only** with a clean, dry microfiber cloth and eyeglass cleaning fluid.
- Do not use any abrasive material.

Specifications and Regulations

FCC Compliance

The FCC Wants You to Know

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:

a) Reorient or relocate the receiving antenna.

b) Increase the separation between the equipment and receiver.

c) Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

d) Consult the dealer or an experienced radio/TV technician.

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.

Limited Warranty

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 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.

Disclaimer

This Limited Warranty is the sole and exclusive warranty applicable to OrCam products. OrCam disclaims all other express warranties and all implied warranties of merchantability and fitness for a particular purpose to the fullest extent permitted by applicable law. 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

Any parts replaced pursuant to this warranty will be subject to the original warranty period.

If you believe that your product needs warranty support, contact support@orcam.com. You will need to pay for shipping costs to the OrCam facility. However, if it is determined that the warranty request is valid, OrCam will pay the cost to ship the repaired or replaced product back to you.

Refund policy

If you are not completely satisfied with your OrCam product for any reason whatsoever, you may return it for a full refund within 14 days of receipt. Simply repackage the product and ship it back to the following address; we will credit your account for the full product price:

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