



Goodwill XR/VR

Oculus Quest

Headset

Setup & Installation Guide

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REVISION HISTORY			
Author	Modified Date	Approved By	Comments

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1. OVERVIEW

The Oculus Quest 2 is an all-in-one virtual reality headset device that allows users to be immersed in a plethora of extended reality experiences. The purpose of this document is to inform Goodwill staff members on how to properly setup, use, and maintain the Oculus Quest 2 device. A video tutorial is provided in the link below.

[Oculus Quest 2 Basics Tutorial \(VIDEO\)](#)

2. DEVICE SETUP

2.1 Opening the Box

When a user first receives the Oculus Quest 2, the following items will be present in the box:

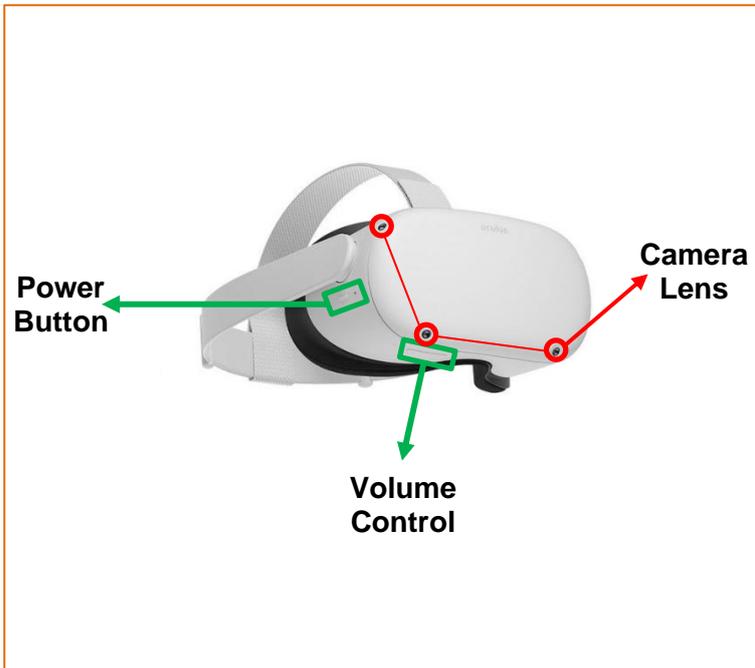
- 1 Headset
- 1 Left Controller w/ attached safety lanyard
- 1 Right Controller w/ attached safety lanyard
- 1 USB-C Cable
- 1 Charger Brick
- 1 Glasses Lens Spacer
- 1 Reference Guide
- 1 Safety & Warranty Guide

Accountability Procedures

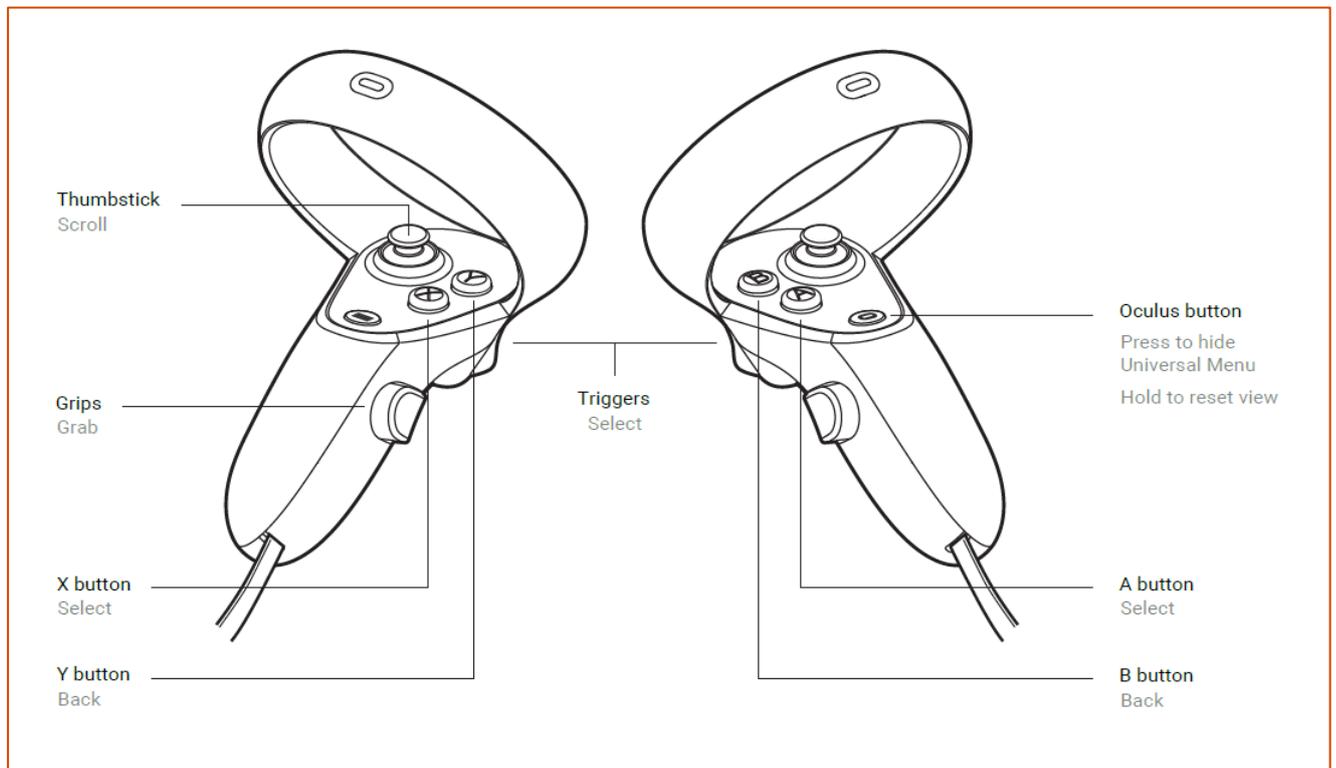
Keep your device stored in its original box (or case if you have purchased one) when not in play. Keep out of reach of children and pets. Do not leave the Oculus Quest 2 in a vehicle to prevent theft, sun, or **heat damage**. Treat this device like you would treat a laptop. Prior to storing the device, ensure that all components are accounted for after each use. If you decide to set the headset down, tap the power button to put it to sleep rather than leaving it running to prevent timing-out issues. When the headset is not in use, **power off the device**.

*Before you attempt to use, plug the Oculus Quest 2 into the charger to prepare for use.

2.2 Understanding the Controls



Oculus Quest 2 Headset Diagram



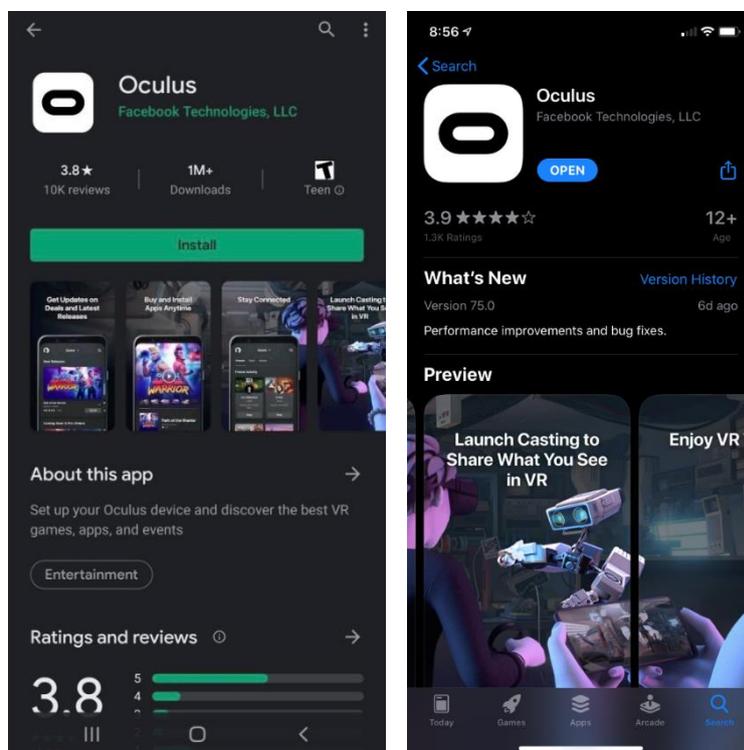
Oculus Quest 2 Controller Diagram¹

2.3 Onboarding your Headset to the Goodwill Oculus Account

- 1) Log out of your personal Facebook account on your mobile device
 - a) *Note: Download Facebook mobile application if you do not have it already*

- 2) Download the Oculus Mobile Application
 - a) *(Do NOT log into this until you log into Facebook)*

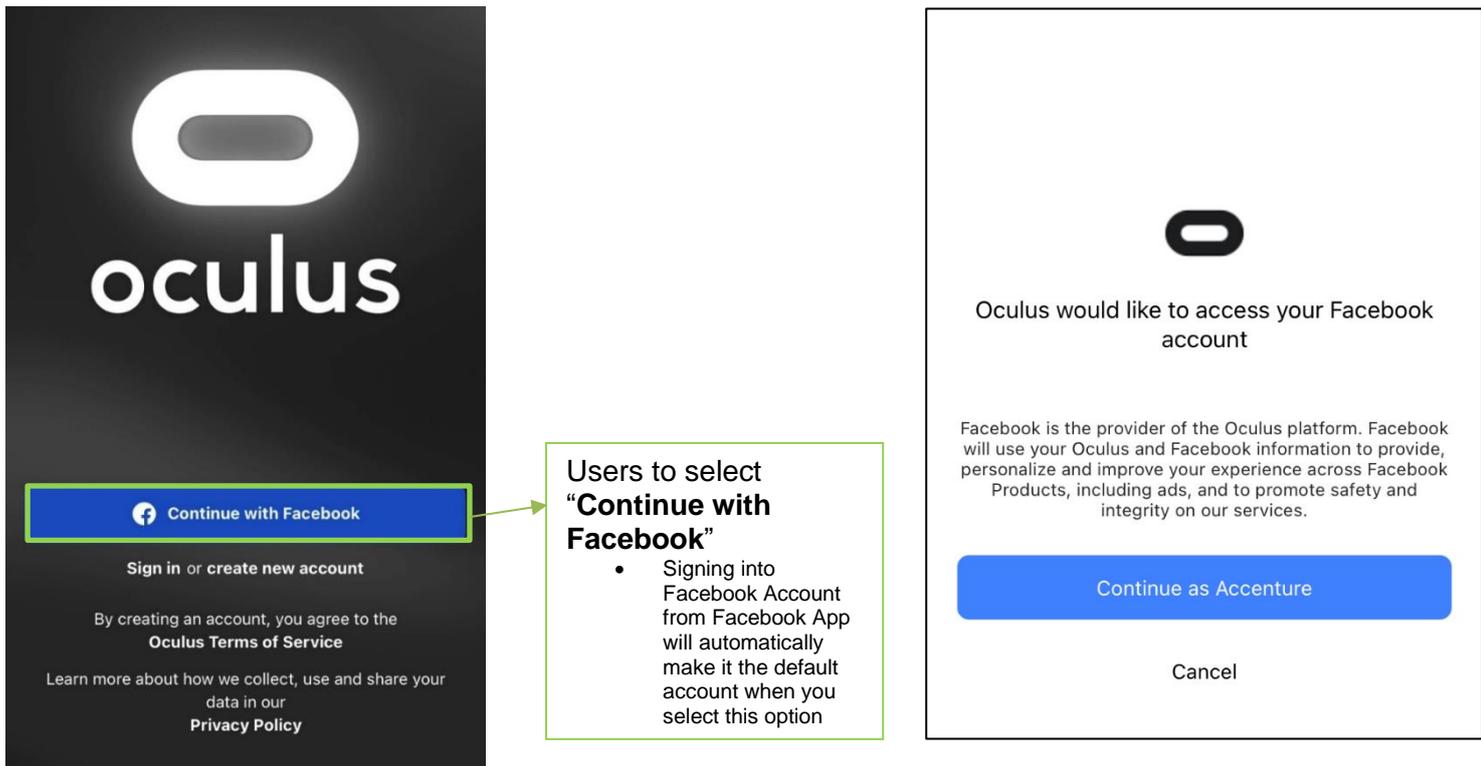
The Oculus mobile application is needed to setup your device. It is available on both the Google Play Store and Apple App Store.



Google Play (Left) | Apple App Store (Right)

2.4 Logging in with Facebook

- 1) Open the application and the login screen will be displayed.
- 2) Input the appropriate account information to log into the appropriate Facebook Account
 - a) Note: Facebook Account Login Credentials will be provided by Goodwill IT Admin
- 3) Once you have logged in to the appropriate Facebook account, you will be routed to your Goodwill site's existing Oculus Account.



- 4) Review the Oculus Quest 2 Safety Video and Acknowledge Health and Safety Warning.

2.5 Proper Wear & Adjustments

The Oculus Quest 2 headset has three adjustable straps that a user can change to give them the most comfort for their experience. One overhead strap and two on each side of the head.



- 1) Adjust the side straps using the two adjustable buckles.
- 2) Place the Oculus Quest 2 over the head and then adjust the top strap to comfortably secure headset on the user's head. Adjust until maximum comfortability is reached.
- 3) You can further improve the clarity of the viewfinder by gently moving the firm arms on either side up or down until best quality vision is reached.

2.6 Play Area Setup

Defining the play area is one of the most critical aspects of the virtual reality experience. To avoid any accidents that will cause bodily harm or damages to surrounding items, it is important to set a play area that has enough space for a user to enjoy the experience freely without running into anything.

There are two modes available for users: Room Scale and Stationary Mode. Both are compatible with the OVERCOME application.

Room Scale

The recommended play area space for room scale is 6.5ft. x 6.5ft or greater. A user will now start the Guardian set up.

- 1) When setting up this play area, the user will be in 'Passthrough'—which is essentially a black and white visual of the outside world. The purpose of this is to give a user the ability to double check what is around them and clear the area before proceeding.

- a) *Note: Remember to always wear your touch wrist straps when in VR.*
- 2) Calibrate tracking by taking the right hand and placing it on the floor and looking at it. A user should see a virtual grid appear and set at the ground level.
- 3) Once this is correctly set, click “Continue” and move on to define the play area.
- 4) Take the right hand and use the trigger button to create a spacious and safe play area.
 - a) *Note: It is important to leave space between furniture and walls to avoid contact with them while playing. A virtual boundary fence will appear in a blue colored grid. This is the defined play area. If you get close and reach your arm through the grid, you will see it turn red, warning you that you are now stepping out of boundary.*
- 5) If the Guardian is not set correctly or the user want to change the play area, click the back button on the screen and select “Redraw” to start over.

Stationary Mode

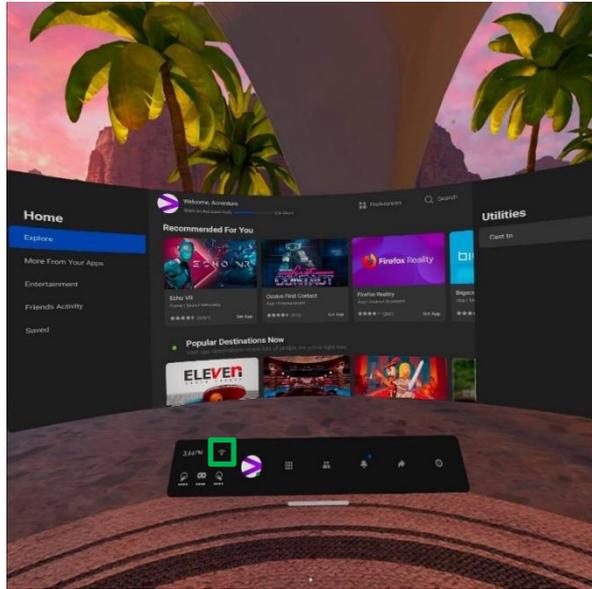
If the user does not want to move around during their experience, they have the option of choosing a stationary mode that automatically sets a boundary around them whether standing or sitting.

- 1) During the Guardian set up, choose “Stationary Mode” while standing or sitting in the designated area.
- 2) Once a user looks around and confirms that everything looks great, they can move forward in the process.

2.7 Selecting a Wi-Fi Network

After safely creating a play area space, the home screen will appear but the device will recognize that it is not connected to Wi-Fi. A screen will display with a list of nearby Wi-Fi connections.

- 1) Select the appropriate Wi-Fi and enter the password.
 - a) In the event that the list of Wi-Fi connections does not appear, users can select the Wi-Fi icon from the home screen to access the list of nearby connections (see image below)

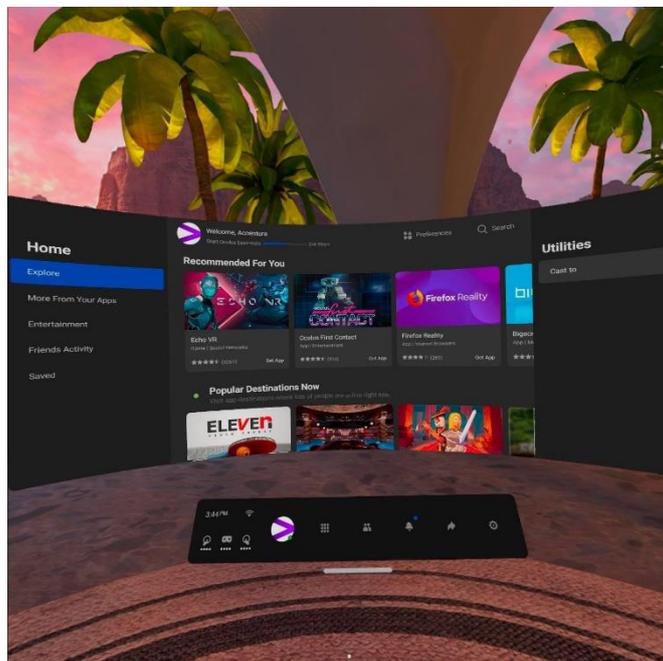


b) Once successfully connected, the Oculus Quest 2 is officially ready to be used.

3. NAVIGATING IN VR

This section explains how to navigate key features of the device and feel comfortable using the device.

3.1 Understanding the Home Screen



The Home Screen is the central portal to access the VR Experience. From here, users can find account or device settings, their library of apps, the store (app purchases), sharing functionalities (requires Facebook account login), casting to other smart devices, and more.

3.2 Store (Downloading Applications)



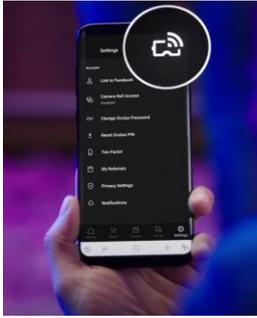
The Store is where users can buy and download a variety of applications ranging from games, streaming services, professional services, and more. There are different categories displayed that can be scrolled through or have the option of searching for a specific application.

3.3 Casting Your Screen

Screen casting allows users to wearing the VR headset to broadcast what they are seeing to a number of compatible devices such as mobile devices, computers, and TVs.

Casting to a Mobile Device

- 1) Login to your Oculus app
 - a. (Ensure your device is connected to the same Wi-Fi as the Oculus headset)
- 2) In the top right corner, select the casting icon

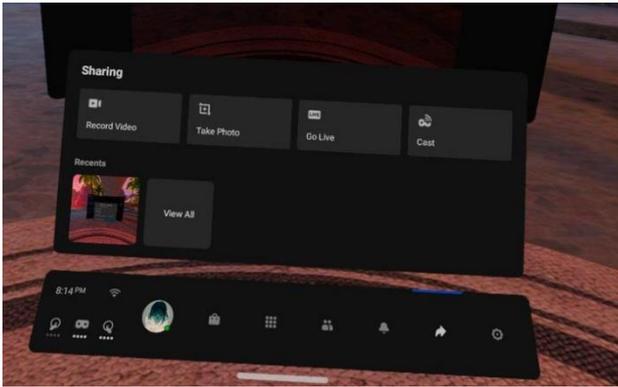


- 3) Under “Cast From”, select you Oculus headset
- 4) Under “Cast To”: select your desired device for the headset to be broadcasted to
 - a. By default, the user will have the option to broadcast to the mobile device labeled “This Phone”
- 5) In the headset, enable casting by selecting “Allow”

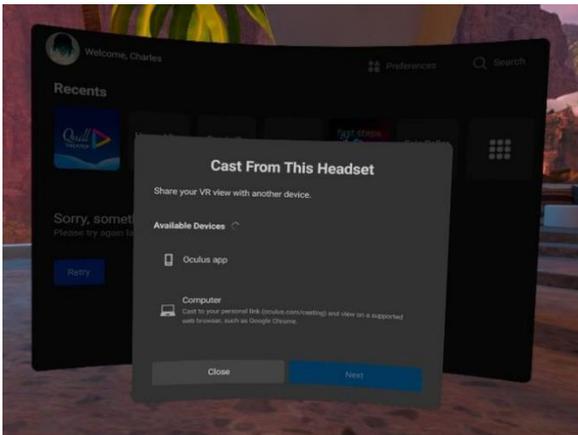


Casting to your computer

- 1) On your computer, open a Google Chrome or Microsoft Edge browser window and go to oculus.com/casting
- 2) Login to your Oculus account via your Goodwill Facebook account
- 3) Press the Oculus icon on the right Touch controller to pull up your universal menu
- 4) Select Sharing
- 5) Select Cast



6) Select Computer then select Next



- 7) If you don't see your computer listed, please confirm that your headset and computer are on the same WiFi network
- 8) Select Done
- 9) You should now be able to see your headset view in your browser window

For trouble shooting or info on casting for additional devices, visit:

<https://support.oculus.com/1053142614872870/>

3.4 Library

The Library is the place where you can find all of your downloaded apps.

3.5 Accessing the **OVERCOME** Application

Once logged in, access application by first selecting the menu icon on the home bar at the bottom and then selecting the GOODWILL OVERCOME Application in the library (see picture below).



3.6 Re-Installing the **OVERCOME** Application

If there are ever technical difficulties or glitches with the OVERCOME application. Try unistall and re-install the application:

- 1) First, go to the main menu on the headset and open the “apps” tab. From there you will see the OVERCOME app listed
- 2) Click the “...” on the bottom right hand corner of the OVERCOME application icon
- 3) Next, select “Uninstall” to remove the application from the headset
- 4) Then go to the search bar at the top right hand corner of your screen and search “Goodwill OVERCOME” to reinstall the app

4. MAINTENANCE & CARE

It is important to properly take care of the Oculus Quest 2. Improper care can cause damages to the devices and an inefficient experience.

No Direct Sunlight

Having your Oculus Quest 2 be exposed to direct sunlight for a long period of time can cause permanent damages to the lens and screen.

Do Not Clean with Alcohol or Cleaning Solution

Cleaning with these products can damage the device. It is best to use the provided Cleanbox for sanitization. Lenses can be wiped off with the provided wipes.

4.1 Glasses Compatibility

The Oculus Quest 2 headset is compatible with glasses use. A Glasses Lens Spacer is provided with every Oculus Quest 2. With this, users who have glasses that are less than 142mm W x 50mm H are able to completely modify their headset to best fit them.

To insert the Glasses Spacer:

- 1.) Remove the facial foam
- 2.) Attach the Glasses Spacer to the back of the facial foam with the logo displayed on top
- 3.) Attach facial foam back to the headset

Once the headset is back in place, it is now ready to use for all glasses wearers.

4.2 Support

- If you are experience any issues with the Oculus Quest 2, please reference the [Oculus Support](#) site.
 - Here, users will have the option of submitting a support ticket in which a representative will reach out to you via email within 1-2 business days, or utilize the live chat bot that has an average response time of 10 minutes
- If there are any other questions regarding the OVERCOME VR application, please email: tony.worlds@accenture.com

References / Sources:

¹Oculus Developers. Oculus Controller Art. 15 October 2020. [LINK](#)