

GUIDE FOR USER META QUEST 2

Virtual Experiments on Eco Design

Applicant Organisation: Universitat Politècnica De València (UPV) - Spain

Partners:

- Aintek Symvouloi Epicheiriseon Efarmoges Ypsilis Technologias Ekpaidefsi Anonymi Etaireia (IDEC) – Greece
- Panepistimio Dytikis Attikis (UNIWA) - Greece
- Kauno Technologijos Universitetas (KTU) - Lithuania
- Universitatea Din Oradea (ORADEA) – Romania
- Stichting Business Development Friesland (BDF) - Netherlands

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Guidelines for the Virtual Experiment

Contents

HEADSET SETUP	4
1.1 META QUEST PHONE APP.....	4
1.2 META QUEST PHONE APP.....	4
MOVE AROUND THE MAIN MENU	5
2.1. CONFIGURATION.....	5
2.1.1. Enable Hand Tracking	5
2.1.2. Enable Hand Tracking	6
2.1.3. Redefine security zone (Guardian)	7
2.1.4. Center position	7
BROADCAST ON COMPUTER.....	8
DOWNLOAD AND OPEN APP!	9

HEADSET SETUP

The first thing to do is to turn on the headset and follow the steps that show up on the headset.

It will ask you to connect the headset via Wi-Fi, then it will start to update itself. During or after the update, the headset will ask you to pair your phone to it. IT IS VERY IMPORTANT that the account that you have logged in on your PHONE APP is the one that you want on your headset, as it will be irreversible.

1.1 Meta quest phone app

The app that you must have on your phone (only for the setup) is the following: IOS: <https://apps.apple.com/us/app/meta-quest/id1366478176>

Android:

https://play.google.com/store/apps/details?id=com.oculus.twilight&hl=en_US&pli=1

The icon is the following:



Figure 1. Icon of Meta Quest Application

IMPORTANT: It may happen that you can't log in into a specific Facebook account, and it only lets you log in into your personal one. To avoid that, what you must do is:

Open Facebook app → Log out → Log in your desired Facebook account to be paired to the glasses →

Go to Meta app → Log in.

It is like that because Meta Quest App is linked into your Facebook cookies, resulting on getting whatever account is logged in your phone.

If you still have the problem of the desired account not showing up, try to enter Facebook.com in your phone navigator "Chrome, Safari..." and check if that's the account you want. If it isn't, log out and log in into the desired account.

1.2 Meta quest phone app

It can happen that you paired the wrong account, unfortunately the only solution is to factory reset the headset and do everything again. It will erase everything and let it as you just bought the headset.

Make sure your headphones are turned off.

Press and hold the power and volume down buttons at the same time until you see the boot screen on the headset, then immediately release both.

Use the volume buttons to scroll through the menu and select the factory reset option.

Press the power button to select it.

Use the volume button to scroll to accept the reset and press the power button to start the process.

If you tried to hold and release the combination of buttons (power and volume down) and it booted normally, try again until you get it. It is easier if you release first the power and then the volume down at the very first moment you see the Meta logo.

MOVE AROUND THE MAIN MENU

2.1. Configuration

2.1.1. Enable Hand Tracking

The controllers should not even have to use them, it is easier to do everything with your hands, so in case the hands do not appear when you show them in front of the glasses, we will have to go to this menu to check that the Hand option Tracking is enabled.

Settings --> Hand Tracking --> Enable first option.



Figure 2. Enable hand tracking

VIDEO EXAMPLE:

https://youtube.com/shorts/irH6aa7Zj8Q?si=scP_XskK9BxDixAc

If it is enabled and you still don't see your hands, make sure the controllers are on a table and totally still, then disable and enable the option of Hand Tracking.

2.1.2. Enable Hand Tracking

To move through the different menus offered by Meta Quest 2, using your hands, we will have to "pinch" to select, with the following posture in hand:



Figure 3. Shop and navigation with hands

So, we aim, and then to select it is enough to do the "pinch", that is, join the index finger and thumb.

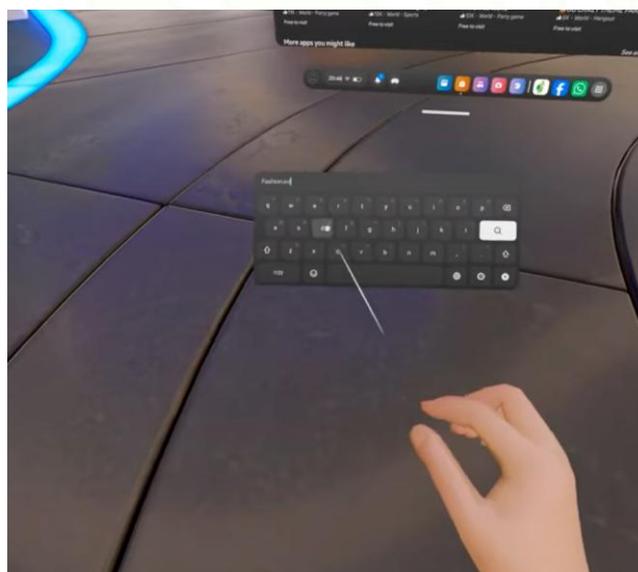


Figure 3. Selection when navigating



VIDEO EXAMPLE:

<https://youtube.com/shorts/y2BeEyBj9I?si=4vRt-xuLJ2XaPq8P>

2.1.3. Redefine security zone (Guardian)

It is likely that we encounter some problem of the security zone, or that we have defined it badly from the beginning. To redefine it, we will have to go to the first configuration screen and select the “Guardian” option.

This area is responsible for separating the real world from the virtual one, which warns you when you leave the area you define.

There are **two types** of security zones or guardians: Stationery and Room Scaled.

Stationery: creates a small circular area by default, **it is the one I recommend you use.**

Room Scaled: Create a custom zone manually.

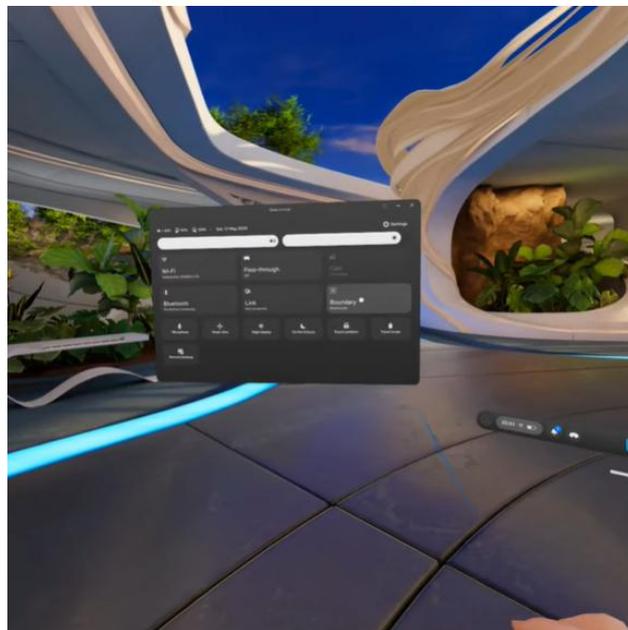


Figure 5. Selection of the "Boundary" option

<https://youtube.com/shorts/chl8gLq66Zg?si=oe0UzyaT59yU3PqA>

You may have a problem with the floor level. To reset it, go **Settings** → **Boundary** → **Reset floor level**.

2.1.4. Center position

Maybe you don't like how the current position is centered, and you'll want to change it. To do this, join and hold the index finger and thumb of your **RIGHT** hand and keep them that way until a small menu of several options is displayed. While still putting your fingers together, move your hand to the option above.



Figure 6. Updating of position

Now, let go of your fingers and wait for the position you are in to update.

VIDEO EXAMPLE:

<https://youtube.com/shorts/NJVl0xlqMTs?si=G48PXktx2osRksak>

BROADCAST ON COMPUTER

To broadcast what you see to the computer, it is very simple. First let's go to the Camera app.

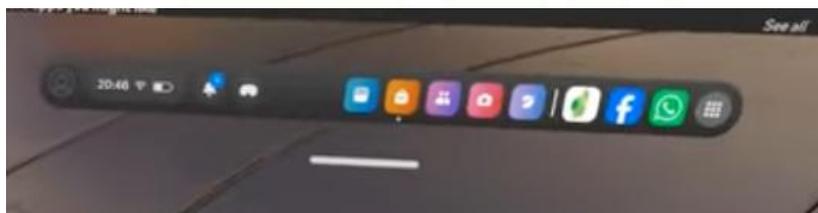


Figure 7. Selection of Camera app.

Then, select "Cast".



Figure 8. Selection of Cast in Camera App.

Finally, select "Computer" and confirm.



Figure 9. Selection of "Computer" in Camera App.

Perfect! Now the glasses are broadcasting what they see to the web [Oculus.com/casting](https://oculus.com/casting).

IT IS VERY IMPORTANT that the glasses and the computer are on the same Wi-Fi network AND on the same Facebook account of the browser. If we don't connect them like this, it won't work.

DOWNLOAD AND OPEN APP!

To download the app, go to the **store** and type on the top text field **EXACTLY** “Fashion.ED”. If you don’t type it exactly like that, it won’t show up. Then, select the app and download it from there.

To open the Fashion.ED app, simply go to the app library and open it from there.

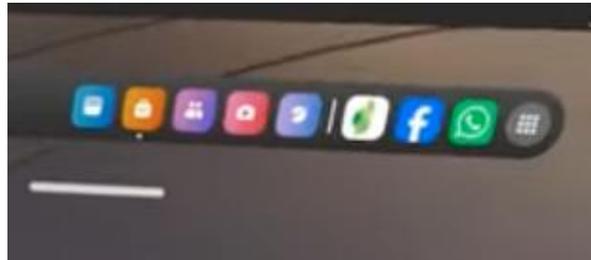


Figure 10. The app library



Figure 11. FASHION ED app

VIDEO EXAMPLE:

<https://youtube.com/shorts/2toxCwlvUlo?si=6KbHCRz2gf5u-ykM>