



User Guide ATHENA software installation on VR headset

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1. VR headset : Pico 4 Ultra Enterprise

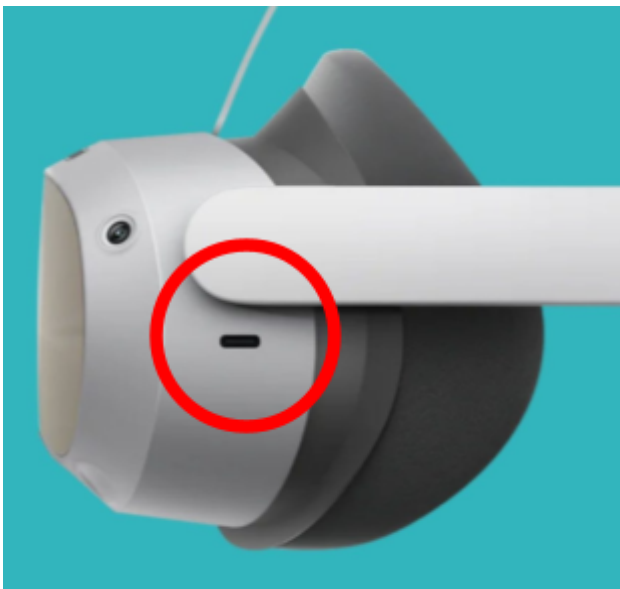
1.1. Presentation of the headset, quick start



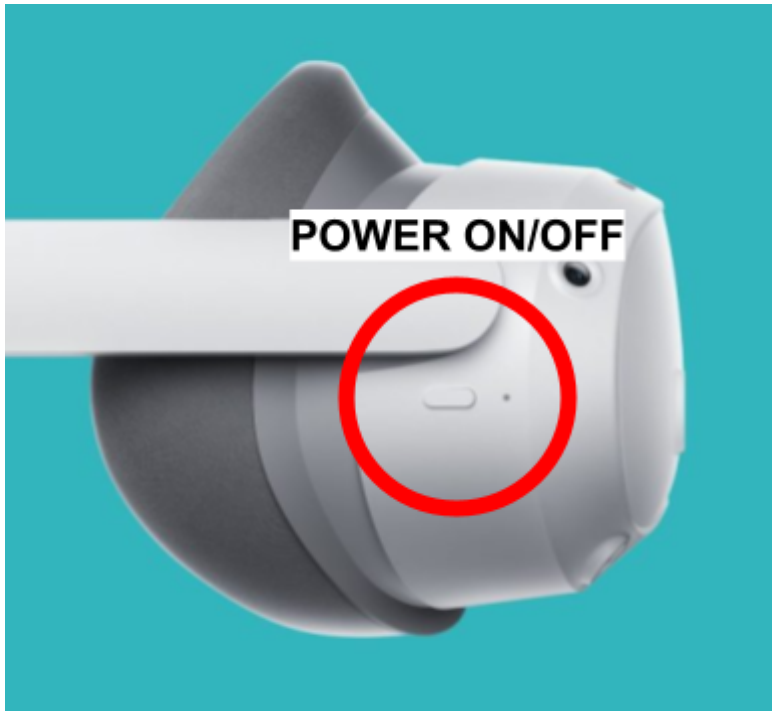
First, recharge the battery of your Pico and add batteries in the hand controllers.

Use a USB C cable to recharge the headset, the USB C can be linked to a standard mobile phone charger or a fast charger.

Add 2x AA batteries in each hand controller, we recommend using rechargeable batteries.



Use the power button to start the headset, you may need to press during a few seconds.



After an initial loading, you will arrive in the “HOME” screen of the headset. The headset will ask you to define virtual limits and calibration, follow the steps in the headset.

2. VR headset : Pico 4 Pro Enterprise

2.1. Presentation of the headset, quick start



First, recharge the battery of your Pico and add batteries in the hand controllers.



Use a USB C cable to recharge the headset, the USB C can be linked to a standard mobile phone charger or a fast charger.



Add 2x AA batteries in each hand controller, we recommend using rechargeable batteries.



After 30 minutes of charging, you can go to the next step.

Use the power button to start the headset, you may need to press during a few seconds.

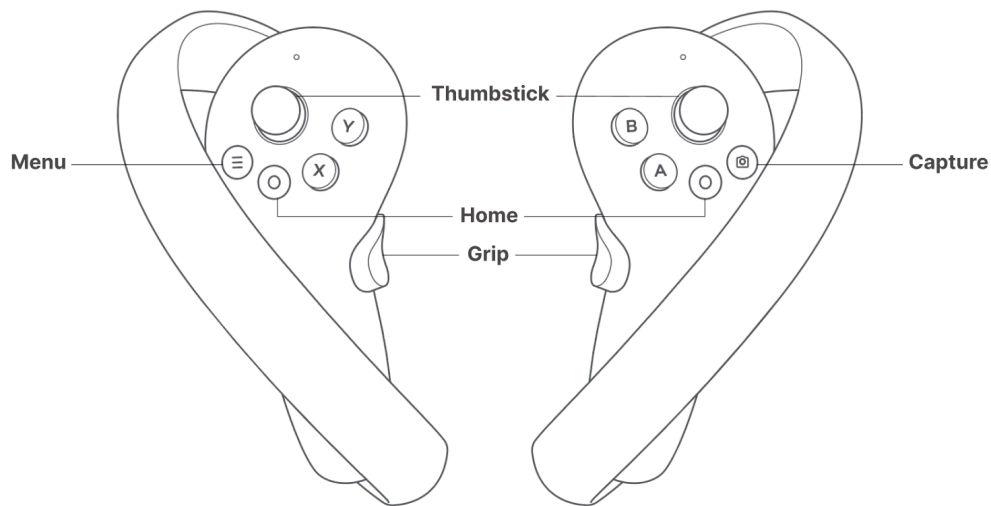


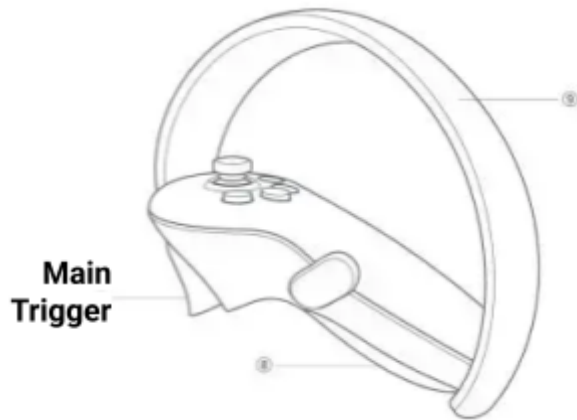
After an initial loading, you will arrive in the “HOME” screen of the headset. The headset will ask you to define virtual limits and calibration, follow the steps in the headset.

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Here is an overview of the controllers buttons:





The main trigger is used to select buttons.

The home screen allows you to change your settings, launch installed apps or download apps from the Pico Store.

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3. VR headset : Meta Quest 3

3.1. Presentation of the headset



First, recharge the battery of your Quest and add batteries in the hand controllers.



Use a USB C cable to recharge the headset, the USB C can be linked to a standard mobile phone charger or a fast charger.

Add 1x AA batteries in each hand controller, we recommend using rechargeable batteries.



After 30 minutes of charging, you can go to the next step.

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Use the power button to start the headset, you may need to press during a few seconds.



After an initial loading, you will arrive in the “HOME” screen of the headset. The headset will ask you to connect to your Meta Account, follow the next steps.

3.2. Meta account

You need to create a developer account. Follow the steps of this documentation:

<https://developers.facebook.com/docs/development/register/>

On your computer, go to dashboard.oculus.com.

Login to your Meta Developer account.

Click this link to create an organization.

Accept the developer agreement.

On the VR headset, login with your developer account.

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3.3. Register your headset

On your phone (iOS or Android device), download the Meta Horizon app [Meta Horizon mobile app](#), use your developer account to login.

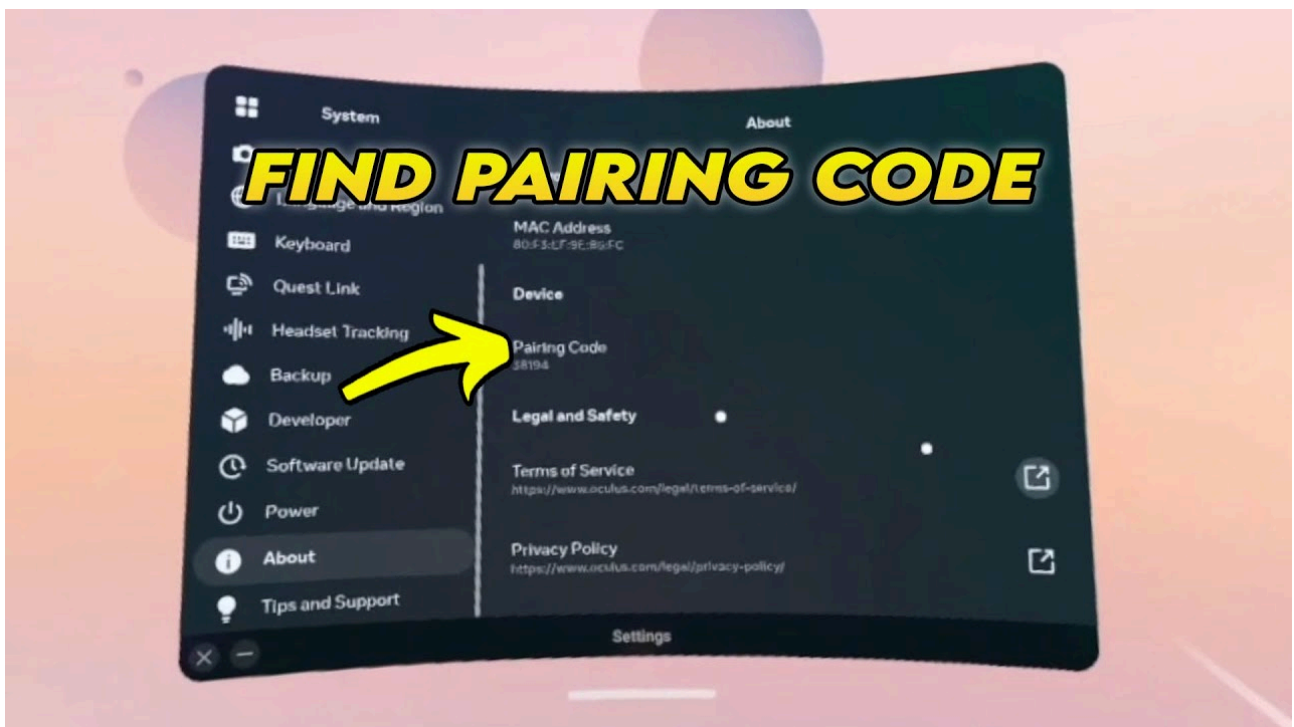
Navigate to the Menu tab.

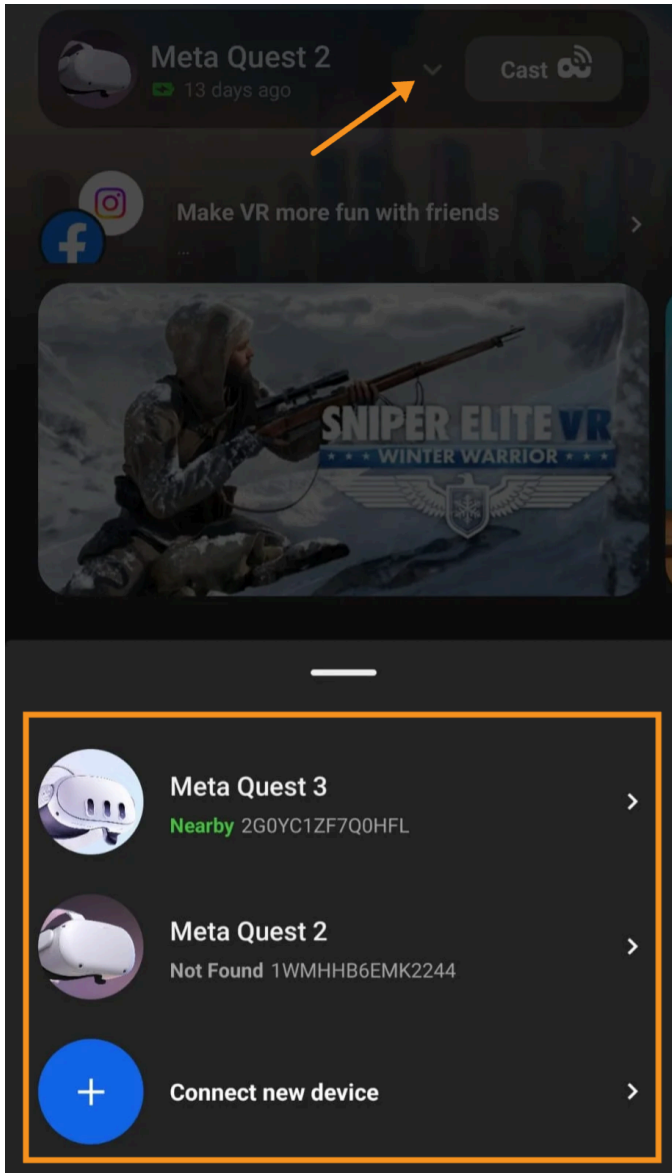
Locate the Devices icon.

Find your device and select it.

If you can't find your device, click on the drop-down menu in the top right of your Meta Horizon app and select the device from there.

You can also use a code that is provided by the VR Headset, in "Settings" > "About" > "Pairing code". And then use this code on the mobile app to add your headset.

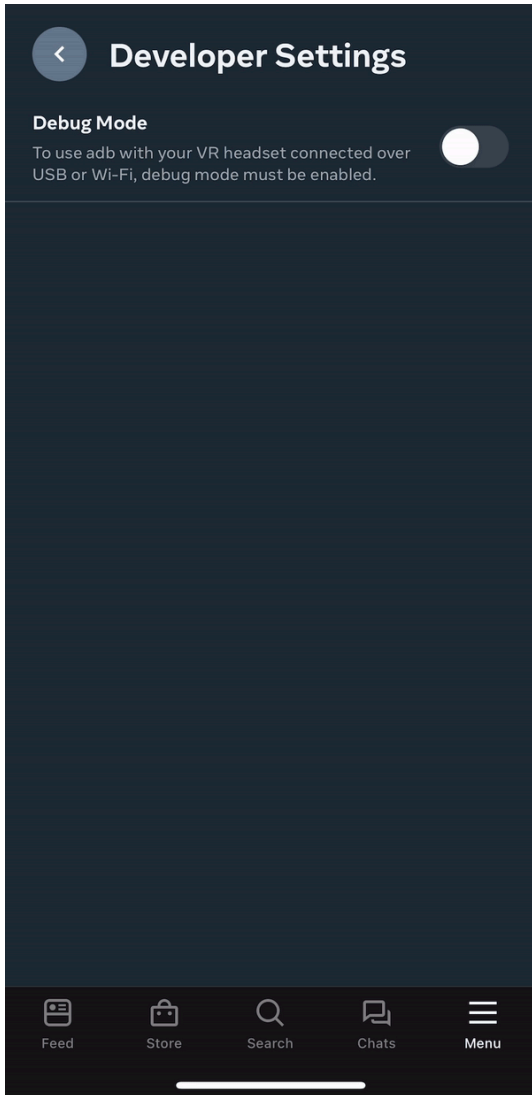




Look below for a section titled Manage Your Device.

Continue down the screen until you see a green gear icon titled Headset Settings.

Tap Developer Mode and toggle Debug Mode on.



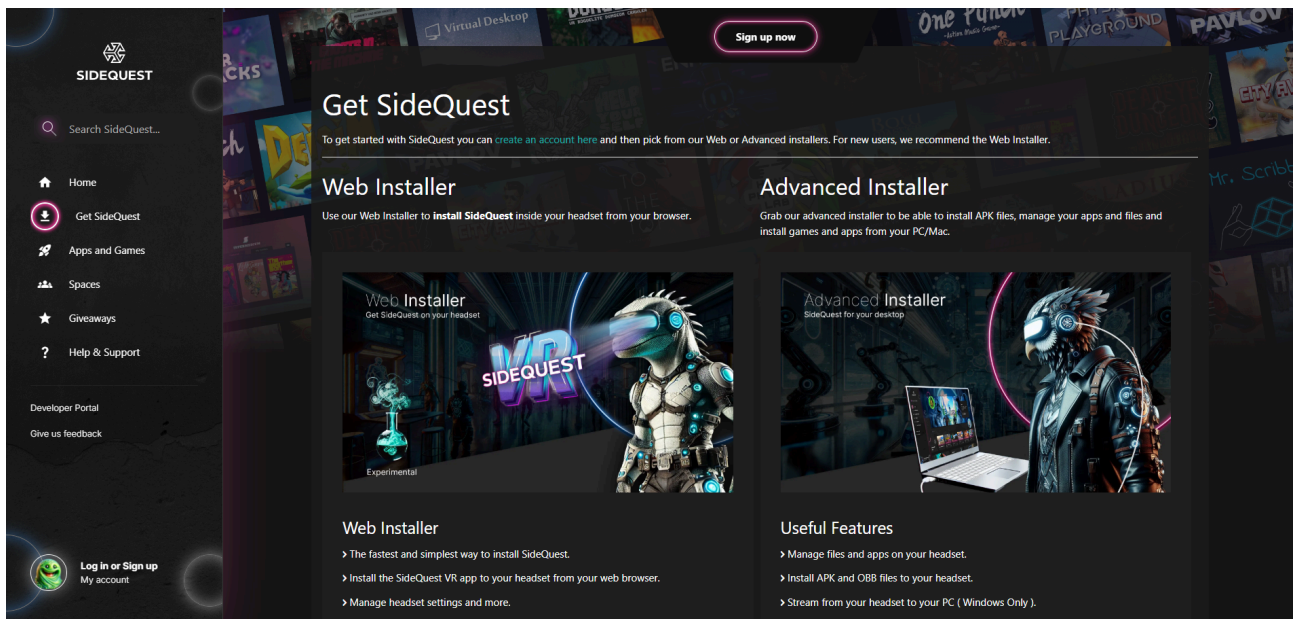


4. Installation of the software for Quest and Pico

4.1. Download the software SideQuest

This software is available for Windows or Mac and will be use to transfer the ATHENA software to your headset (Pico or Quest).

<https://sidequestvr.com/setup-howto>

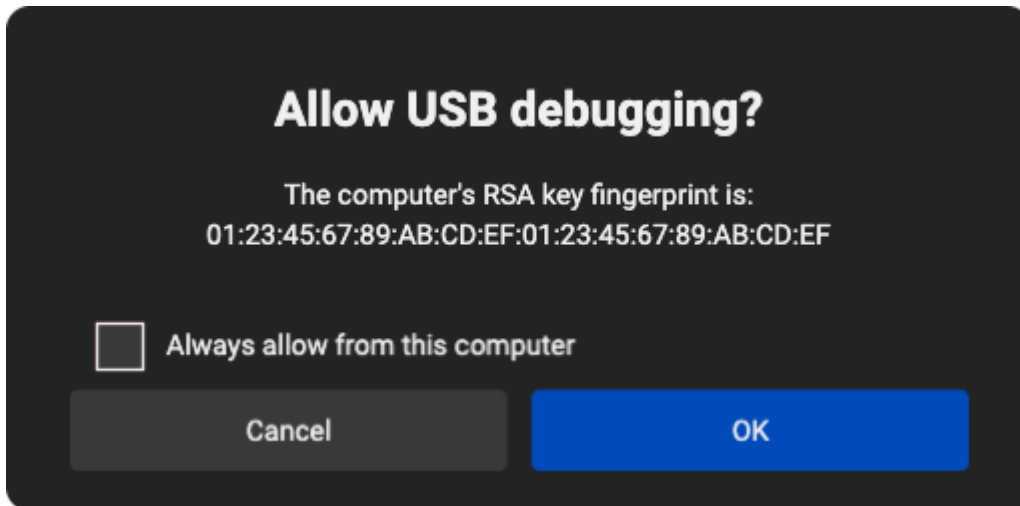


Scroll down in the Advanced Installer Section.

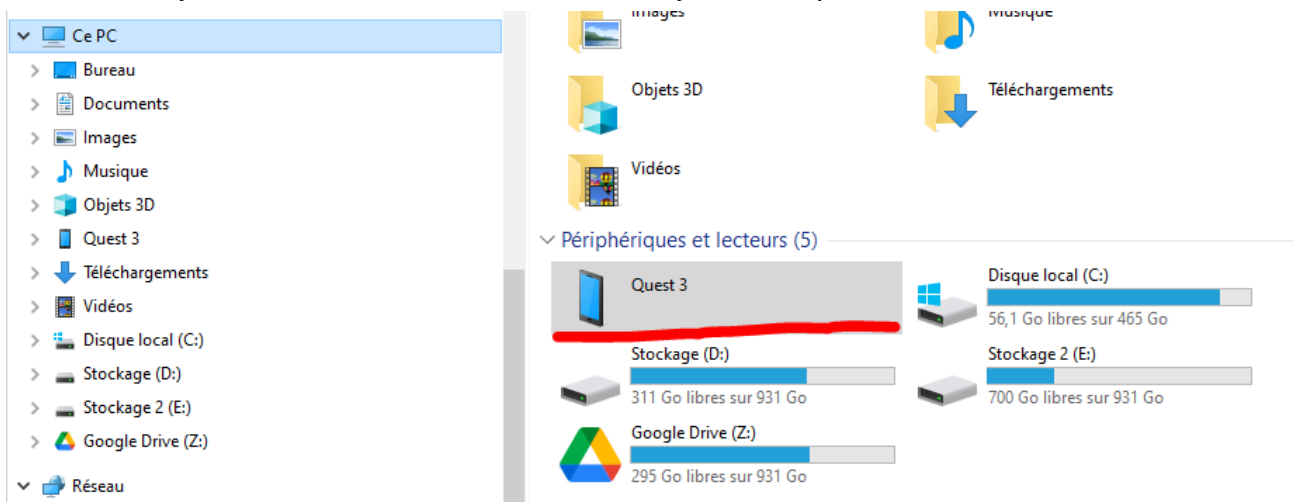
Connect your VR Headset to your PC with a **USB C cable allowing data transfer** (not one with charging only).

On the VR headset, if you see this window, allow USB debugging.

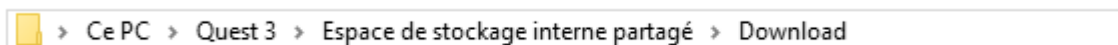
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On Windows, you will see the Quest 3 as a device in your file explorer:



Select it, go to the folder "Download"



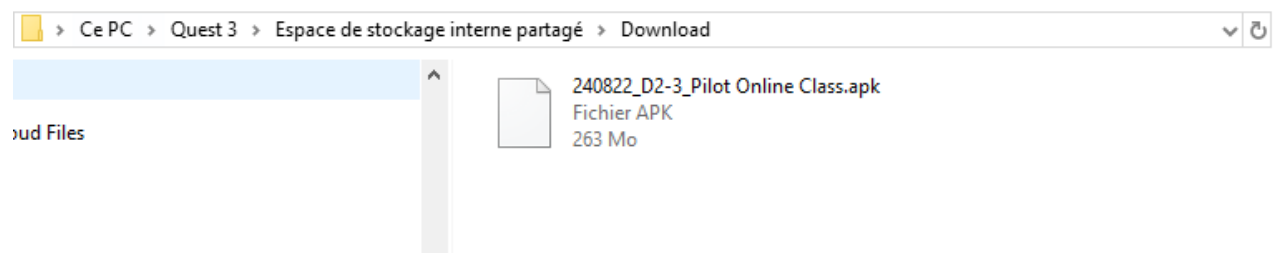


4.2. Download and install ATHENA software

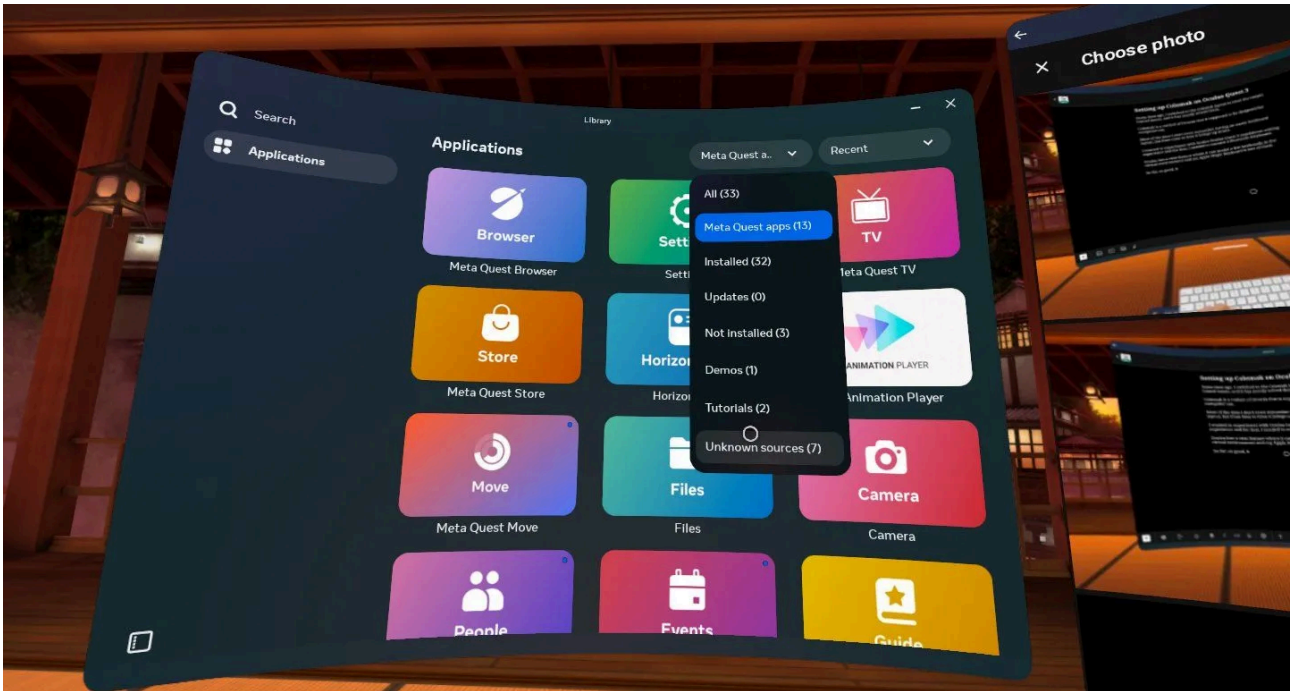
The ATHENA software is available in different versions:

Version	Link	Compatibility
D2.3 "Pilot Online Class"	Link for Quest	Quest
D3.5	Link for Quest Link for Pico	Quest and Pico
D4.4.1 "Scenario 1 and 2"	Link for Pico	Pico
D4.4.2 "LPA connection and Languages available : FR, EN, DE, NL, PT"	Link for Pico	Pico
D4.4.3 "Scenario 3"	Link for Pico	Pico

Download the ATHENA version you need and copy/paste the file in the "Download" Folder.



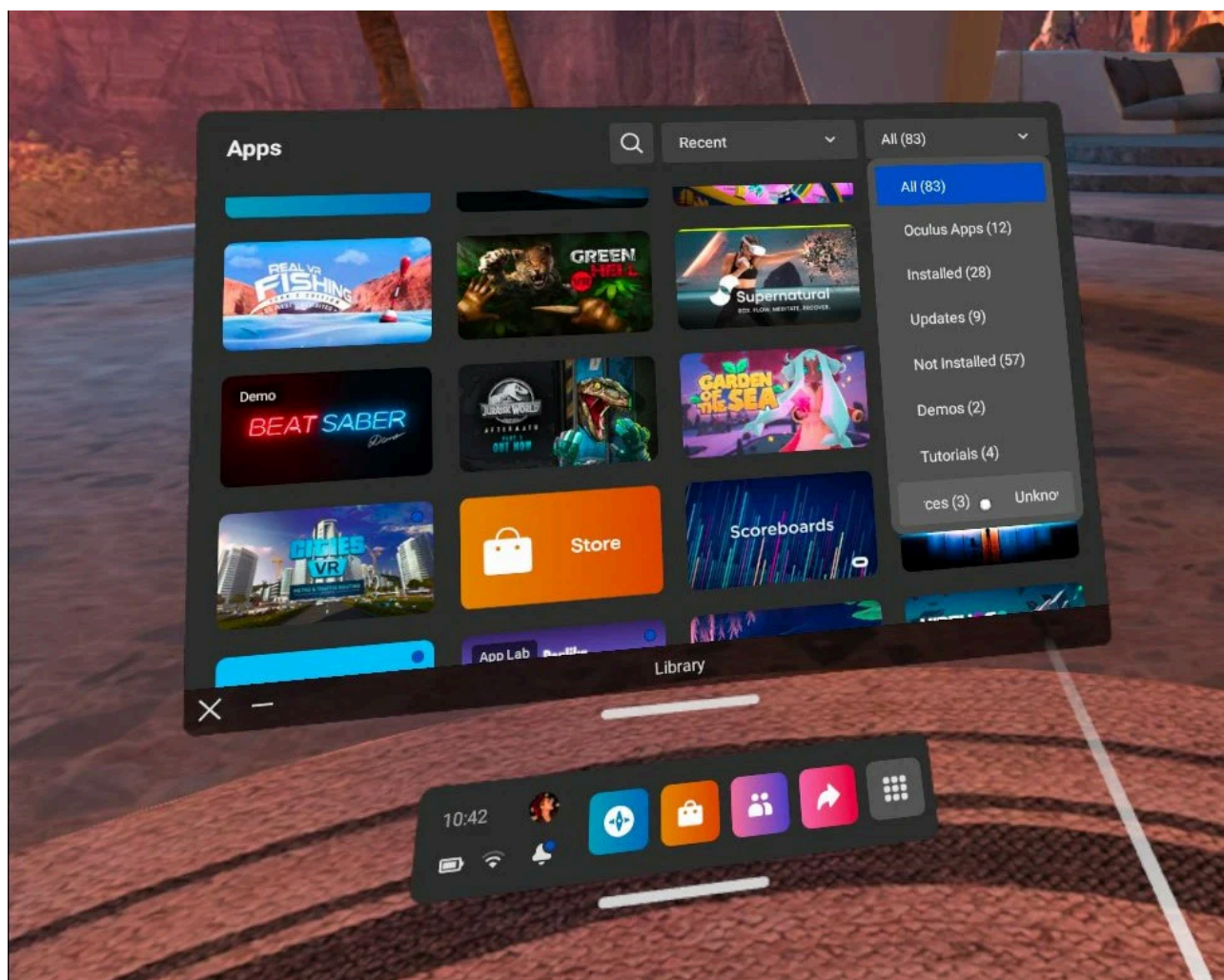
Inside the VR headset, in the bar menu, go to "Applications"



In the filter, select “Download”, you will find the ATHENA package.

Install the package.

You will be able to find the app in the Applications library with the filter “Unknown Source”.



4.3. Quit the app

Inside the VR headset, you can quit the app by using the “Home” button of your hand controllers.



This button will minimize the ATHENA app and let you choose if you want to quit or stay in the app.



5. Pico 4 Settings for Pilot Classes

When doing a pilot class, the main settings to configure are the calibration of the VR headset.

You have 2 options:

- Display a secure virtual boundary around the user
- Hide the virtual boundary

You should select the options according to the user experience :

- The VR headset is at a fixed location and will not move
- The VR headset is moving from user to user (across a room for example)

5.1. VR headset not moving (recommended)

The users can stand up with this calibration, which is easier to turn around yourself.

How to set up a boundary on the Pico 4 from start up

- When turning on the Pico 4 the headset you will be asked to set up the boundary area.
- Here you can choose between a 'Quick Setup' or 'Custom'.
 - If you choose 'Quick Setup', your playing area is circular and you can set it to 3 different sizes. You can also choose to play sitting or standing.
 - If you choose 'Custom', you will first set the height of the floor in your room by raising or lowering the controller to ground level and then using the 'Trigger' to confirm.
 - After that you need to draw your playing area on the floor using one of the controllers by using the 'Trigger' and drawing a line around your playing space.
- Once you are done with the setup, you can press 'Start Play' to proceed. If you are not satisfied, click 'Reset Play Area'.

How to set up a new boundary from the menu

- From the home menu, Select 'Quick Settings' at the bottom right corner of the dock.
- From this menu select play boundary in the middle of the menu.
- This will open the same menu that appears when turning on the device. Here you can choose between a Quick Setup or Custom.
 - If you choose 'Quick Setup', your playing area is circular and you can set it to 3 different sizes. You can also choose to play sitting or standing.

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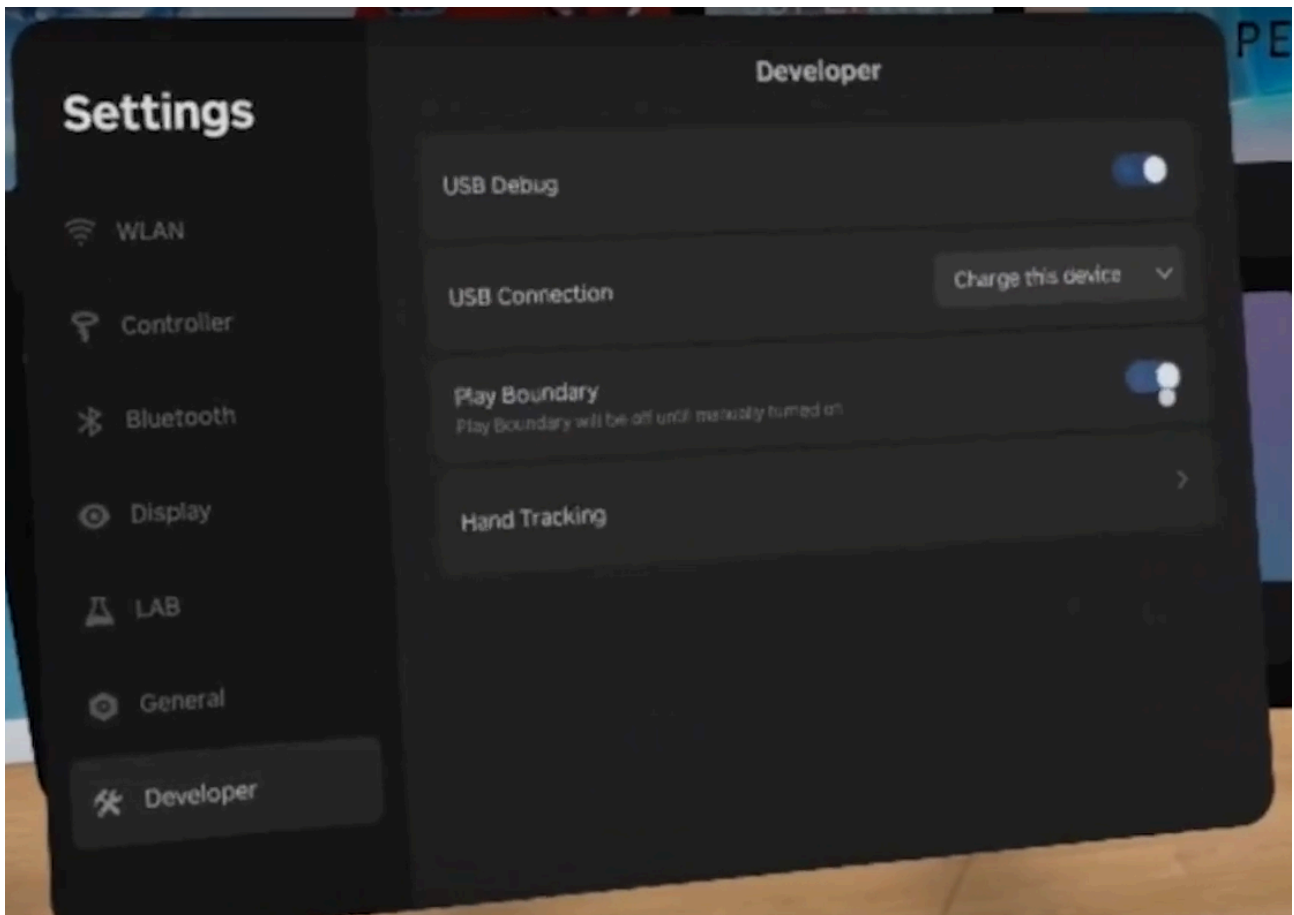


- If you choose 'Custom', you will first set the height of the floor in your room by raising or lowering the controller to ground level and then using the 'Trigger' to confirm.
- After that you need to draw your playing area on the floor using one of the controllers by using the 'Trigger' and drawing a line around your playing space.
- Once you are done with the setup, you can press 'Start Play' to proceed. If you are not satisfied, click 'Reset Play Area'.

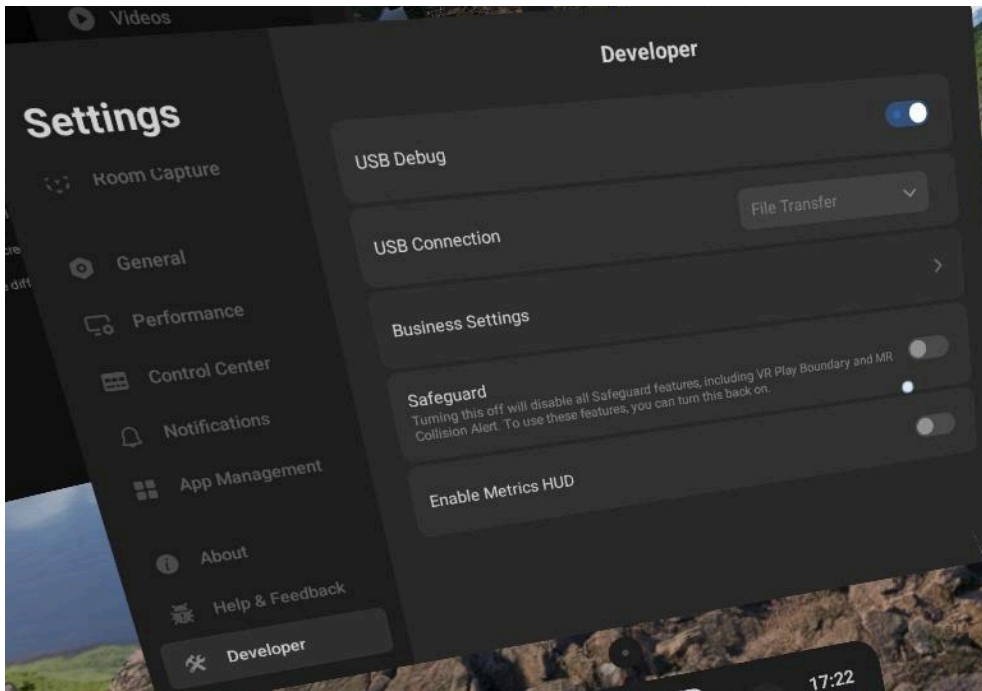
5.2. VR headset moving

The users **must sit down** with this calibration setting.

- From the home menu, Select 'Settings' at the bottom right corner of the dock.
- From this menu select 'Developer' at the bottom of the side menu.
- Turn off 'Play boundary' or 'SafeGuard" in the Developer options.



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Each time the headset is remove and pass to another user, you **must execute** the following tasks

- Install the VR headset on the user
- Give the left hand controller to the user
- Keep the right hand controller
- Ask the user to look straight ahead
- Press and hold the “Pico home” button for 2 seconds



- This will center the view in front of the user, you can then give the right hand controller to the user

6. Pico 4 General Settings

6.1. Change the language of the headset

This will not change the language of the ATHENA application.

- Go to “Settings”
- Go to “General”





- Scroll down to “Language” in the general options
- Select the drop down menu to change your language

