



precision os



USER GUIDE

<https://www.precisionostech.com/support/>

ABOUT THIS GUIDE

The first part of this document is a [Quick Start](#) guide intended to get you into VR as quickly as possible.

The second part of the document is a detailed [Usage and Maintenance Guide](#) with information about connecting to a smartphone, broadcasting, maintenance, and troubleshooting.



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QUICK START GUIDE

<https://www.precisionstech.com/support/>

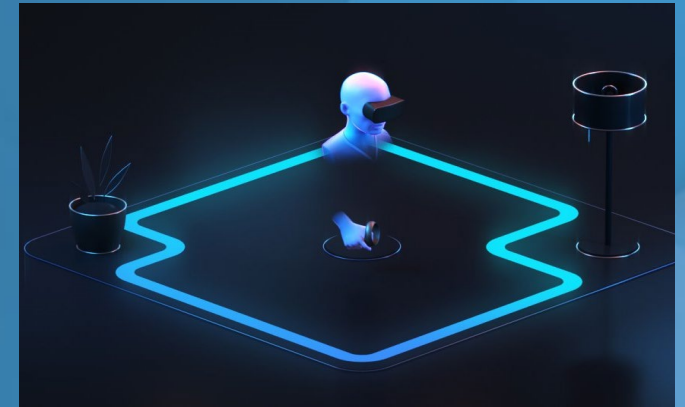
1. Hold the power button down for two seconds to turn on the headset.



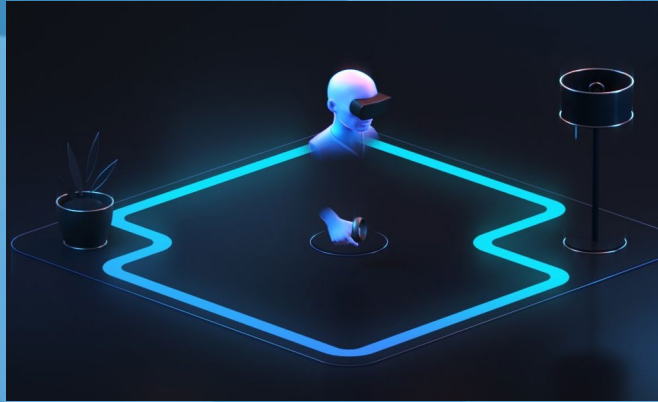
2. Put the headset on so that the side straps cradle the base of the ear.



3. System will prompt you to create a Guardian. Set your floor height by crouching down and touching the controller to the floor.



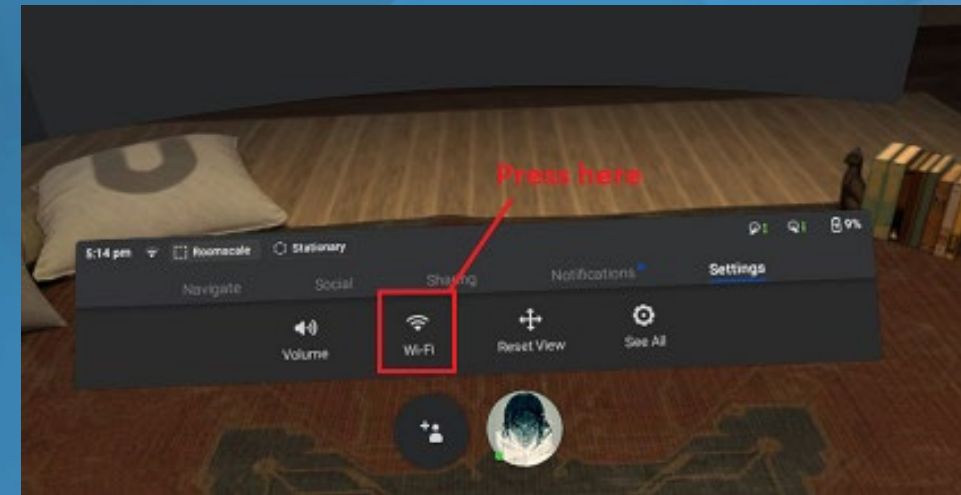
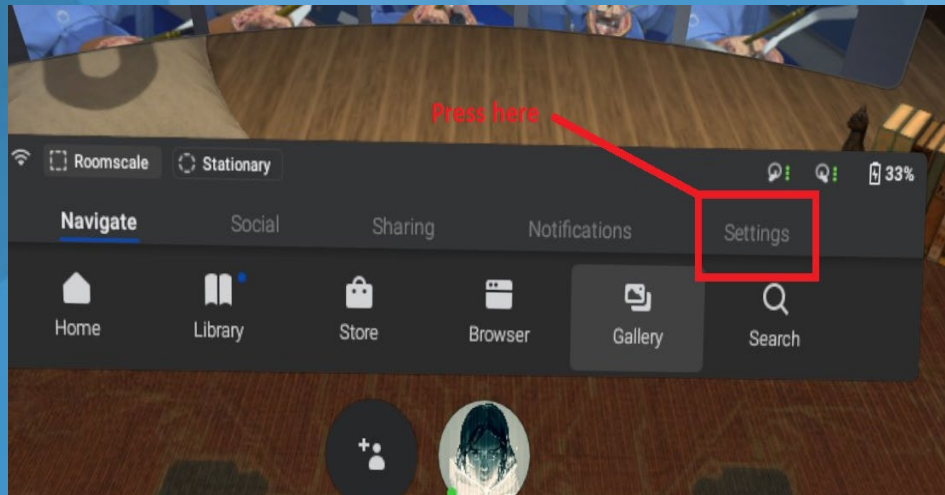
4. Select **Roomscale** and use your controller to draw out your boundary on the floor.

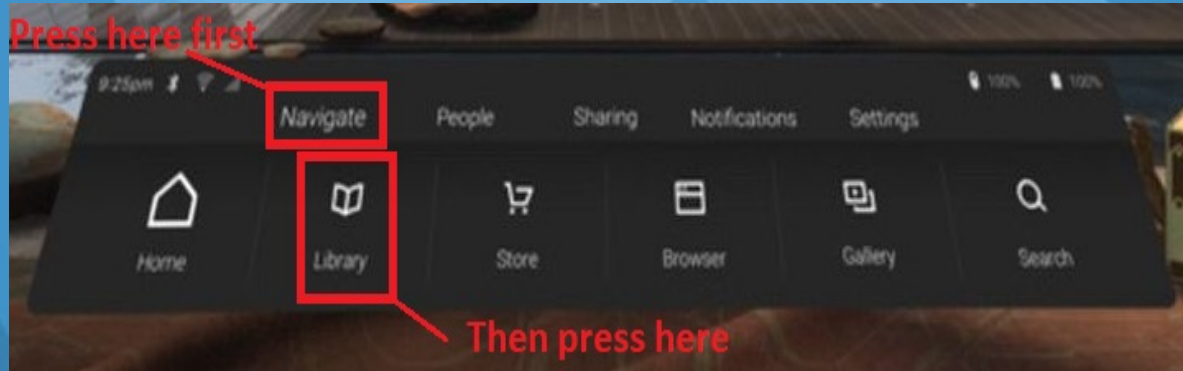


5. Press the Oculus button to return to Oculus Home menu.



6. On the toolbar, select **Settings** then select **Wi-Fi**. Choose your network and press **Connect**. Press the password field to open the keyboard and enter the password. Press **Go** on the keyboard when finished



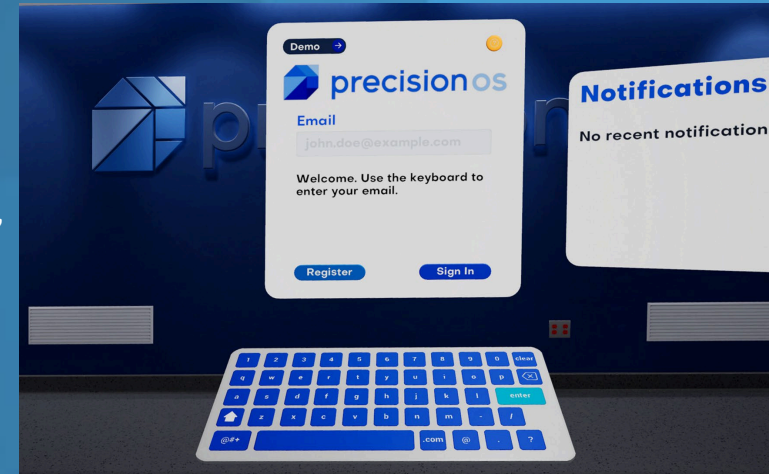


7. Select **Navigate** from the toolbar then select **Library**. Apps will appear above the toolbar. Select **Precision Launcher**.

8. Enter your email address.

8.1. If you have used the application before, select **Sign In** then proceed to use the password you used previously.

8.2. If you are a new user, select **Register**.



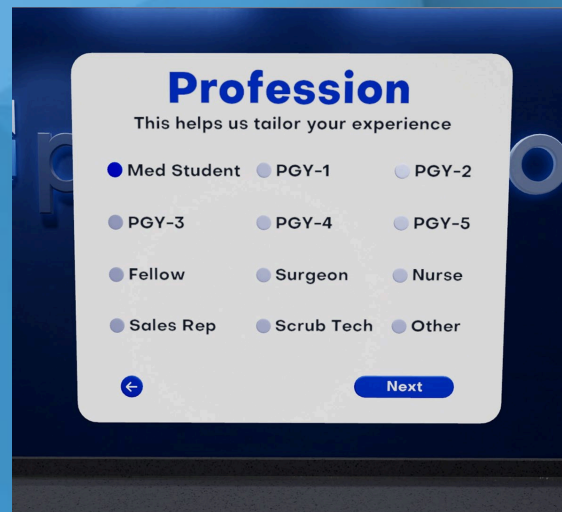
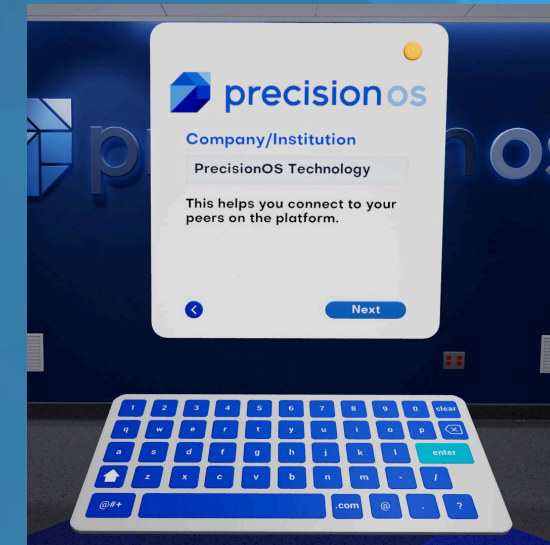
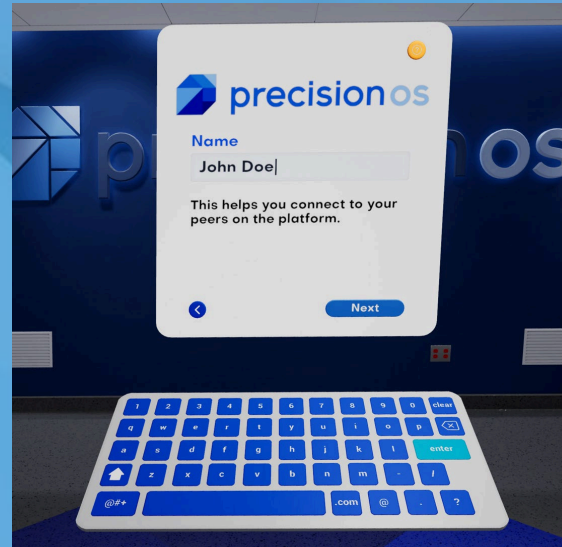
8.2a Enter your name

8.2b Create a password between 6-12 consisting of numbers and letters only. Next you will verify your password.

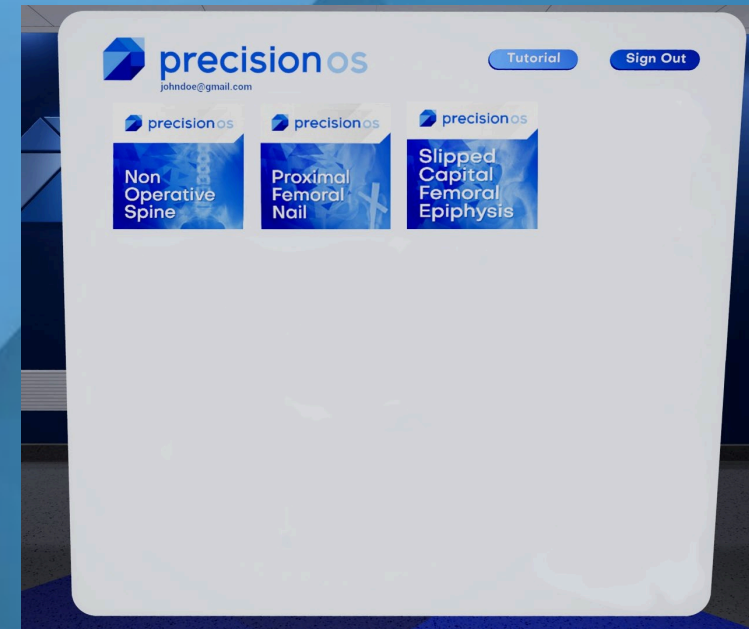
8.2c Enter your institution or company in the field provided.

8.2d Select your user type from the list provided.

8.2e Accept the License Agreement by clicking **Continue**.



9. Once you have registered, you will load into the Tutorial, once the Tutorial has been completed or skipped, you will see a panel with all available procedures, select one to load into the OR.



For more detailed information on these steps, maintenance, and troubleshooting, please refer to the guide below. If you have any issues with your experience, you can email Support at support@precisionostech.com or call **1 (877) 673-0176**

<https://www.precisionostech.com/support/>



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USAGE AND MAINTENANCE GUIDE

<https://www.precisionstech.com/support/>



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CONTROLLER FUNCTIONALITY

(OCULUS BUTTON)



PRESS AND HOLD: resets the view in the virtual world

PRESS AND LET GO: go back to Oculus Home

Press any button to wake controller after you turn headset on

<https://www.precisionstech.com/support/>

SETTING UP THE GUARDIAN

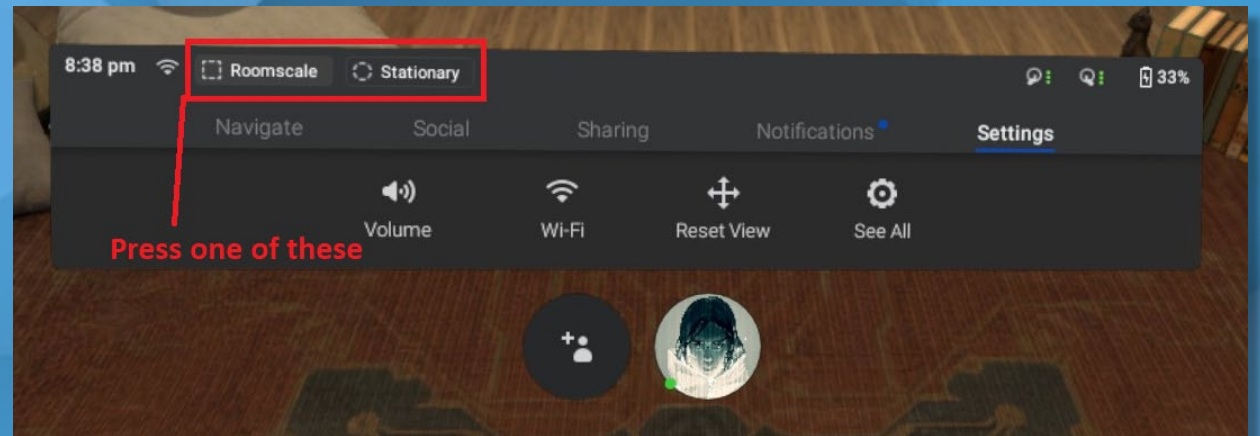
1. Press and let go of the Oculus Button
(Right Controller)



2. Select **Roomscale** or **Stationary**

ROOMSCALE – Boundary which can be drawn using the controllers (recommended)

STATIONARY – Boundary which is automatically set for you



The boundary only appears in VR when you get too close to its edge. If you cross the boundary, you can see the world around you.

VIDEO: Setting up play area

<https://www.precisionostech.com/support/>

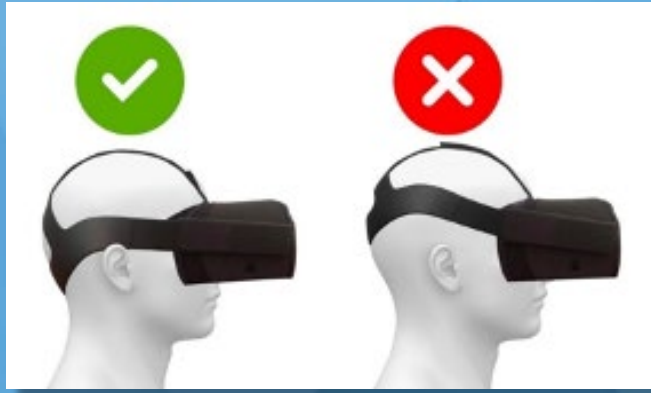
CONNECT TO WI-FI

**Your headset must be
connected to Wi-Fi before
accessing any of the procedures**



CONNECT TO WI-FI

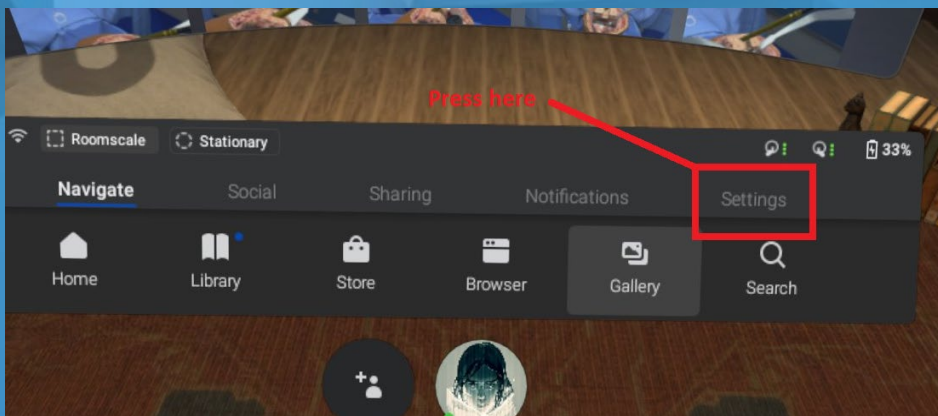
1. Put on the headset



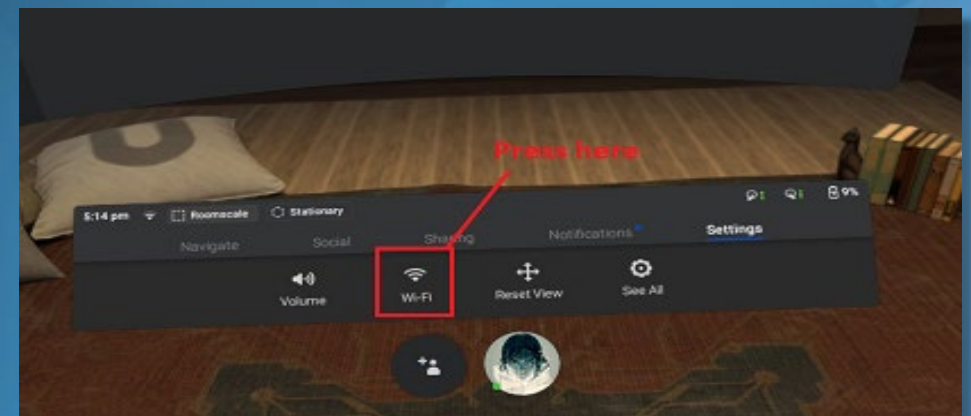
2. Press the Oculus button (Right Controller)



3. Select Settings



4. Select Wi-Fi and choose your network



CONNECT TO WI-FI

If you are having trouble with your headset for any reason, you can try rebooting it to resolve the issue.

To reboot your headset:

1. With your headset on, hold the power button on the right side of your headset down until you are prompted with a shut-down screen.
2. Select Restart from within the headset to reboot your headset.

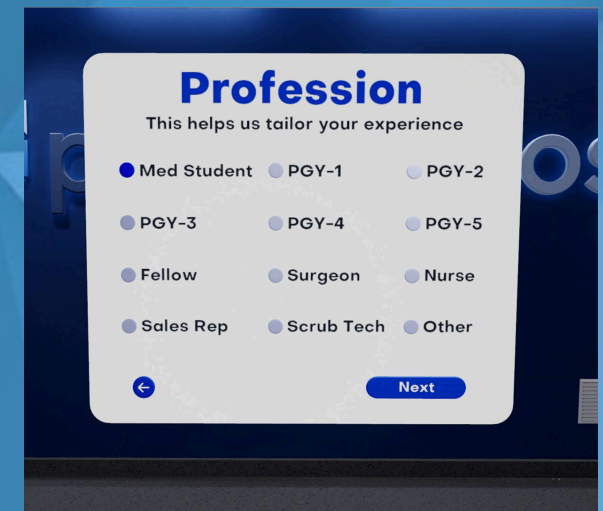


LOGIN AND NEW USER

When you have turned on the headset and connected to Wi-Fi, you can use the Precision Platform Launcher.

If you are a new user, you will need to create a new account prior to entering the OR. In order to make a new account, you will need to complete the following:

1. After you have entered your email address, select **Register**.
2. Provide a name.
3. Create a password between 6-12 characters consisting of numbers and letters only. Next you will verify your password.
4. Enter your institution or company name.
5. Select your user type from the list provided.
6. Accept the License Agreement by clicking **Continue**.



LOGIN AND NEW USER

Once registered, you will proceed to the Tutorial after which you can select a module and proceed to the OR. After having completed a procedure, usernames and metrics are recorded.

Now that you have created an account, in the future you will enter your email address, then select **Login** and proceed with your password.

You must sign out after use to capture the next user's info within the same session.



SIGN OUT CURRENT USER

1. Select the **Home** button in the main panel of any operating room.

2 . Hit the **Sign Out** button in the module launcher.

The system is now ready for a new user to log in or register.

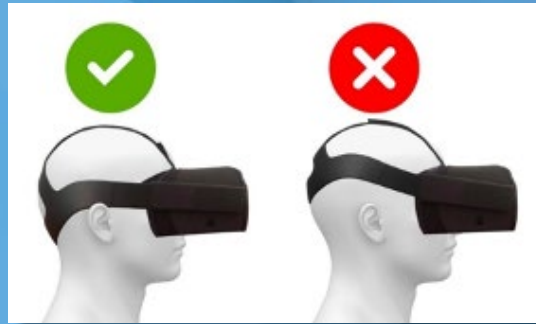


CASTING TO SCREENS

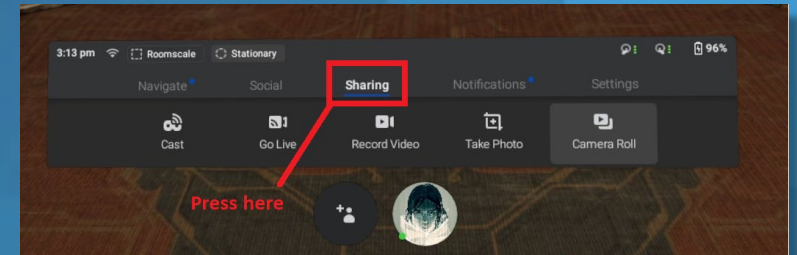
VR can be projected to casting devices (e.g. Google Chromecast, and Amazon Fire Stick).

Your casting device must be connected to the same Wi-Fi network as the headset

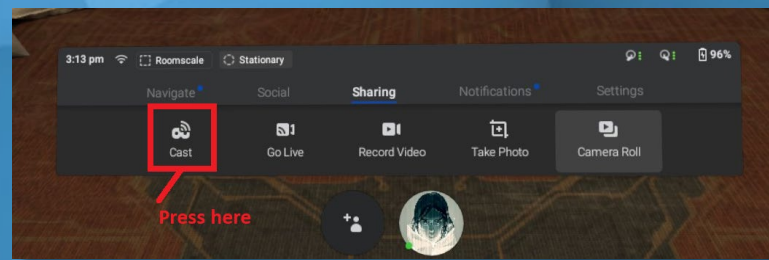
1. Put on the headset



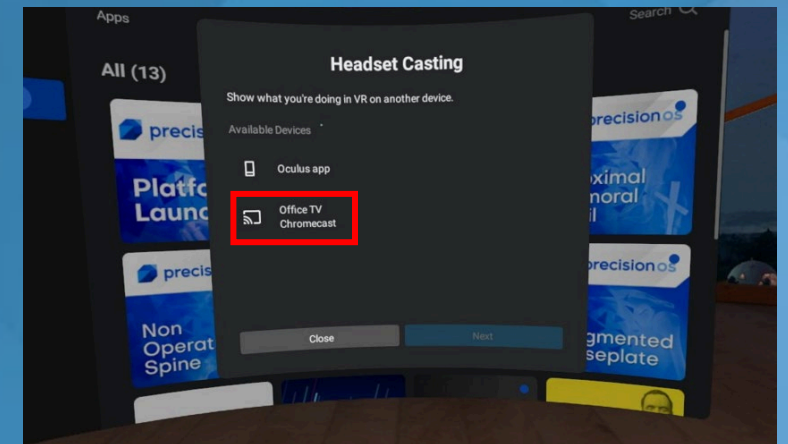
2. Click **Sharing** from the toolbar



3. Select **Cast** from the Sharing menu



4. Select the device to cast to and then click **Start**

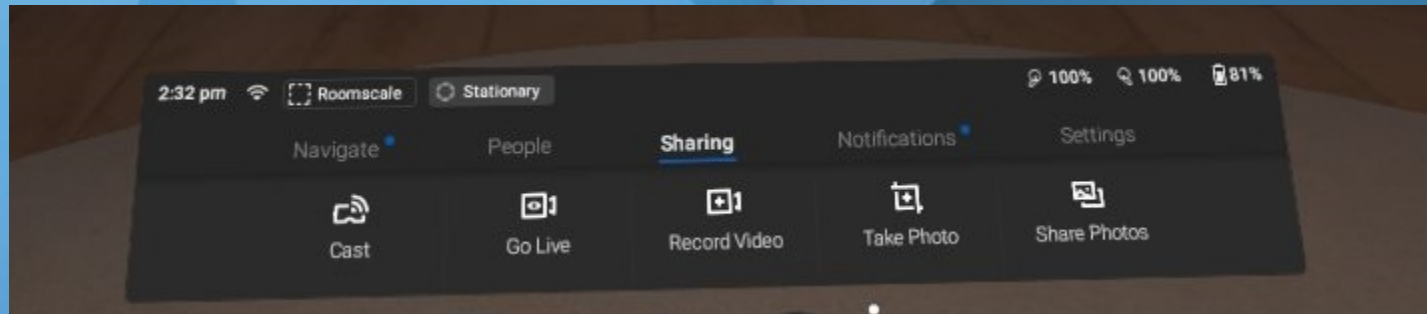


VIDEO: Tutorial on how to cast

<https://www.precisionostech.com/support/>

CAPTURING VIDEO AND PICTURES

Screenshots and video capture of the PrecisionOS modules are available through the headset's Sharing options. Simply press the Oculus button () while in the Precision Application and select Record Video or Take Photo.



Record Video starts recording the screen, and will continue recording until one of these events occurs:

- User selects **Recording** from the **Sharing** menu.
- User unmounts the headset.
- User navigates to certain apps with protected content.

While the recording is on, users will see a solid red dot in their view as an indicator of recording.

Take Photo takes a screenshot after a countdown of 5 seconds.

The user will see a blinking red dot during the countdown as an indicator of a pending photo.

TRANSFERRING MEDIA TO COMPUTER

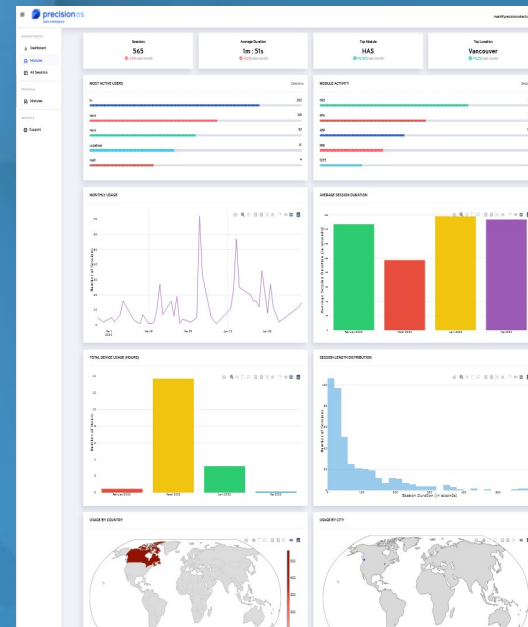
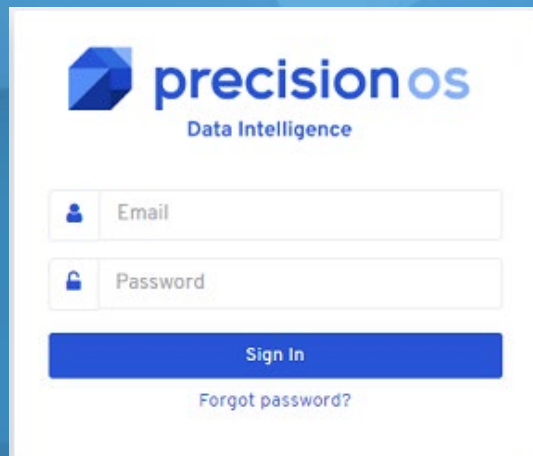
To transfer photos and videos from your headset to your computer:

1. Connect the included cable to your computer and headset.
2. Put on your headset and select **Accept** to confirm you want to allow your computer to access files on the headset.
 - On Windows, **Oculus Quest** will automatically appear as a drive on your computer.
 - On Mac, you'll need to install [Android File Transfer](#) to successfully transfer files between your headset and computer.
 - On Chromebook/Chrome OS, you'll need to use the Files app to access your headset.
3. Click and drag files to or from your headset on your computer.

DATA ACCESS

Administrators can access all user data from their organizations. Users can also access their own personal data.

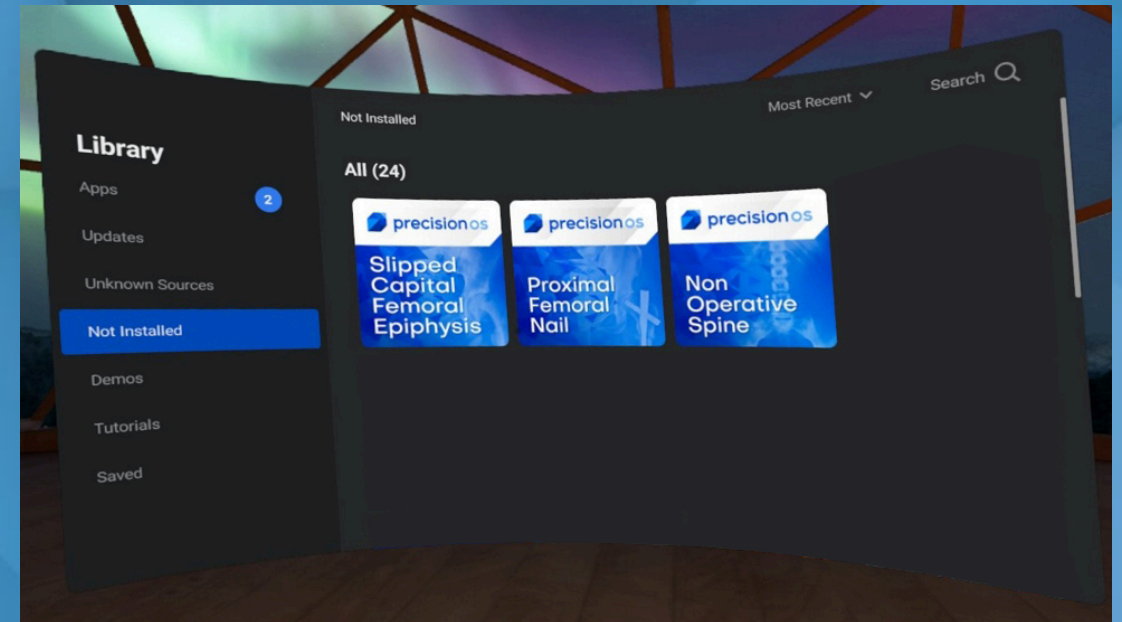
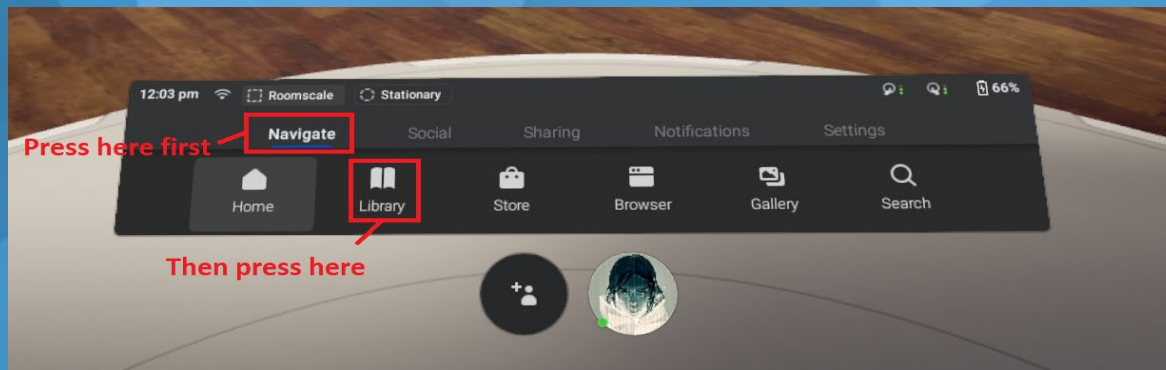
1. Go to the following website: <https://dashboard.precisionostech.com/>
2. Enter same email address and password combination from VR



LOADING NEW APPLICATIONS

To install newly released PrecisionOS apps, go to the **Oculus Home**, select **Navigate**, then **Library**.

From the panel on the left, select **Not Installed** and install new apps.

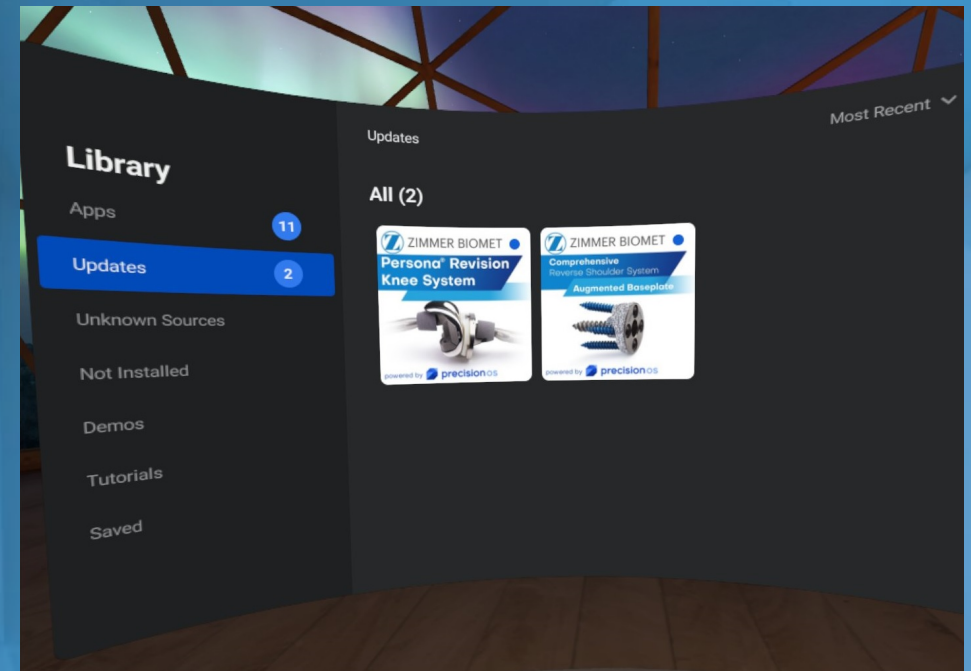
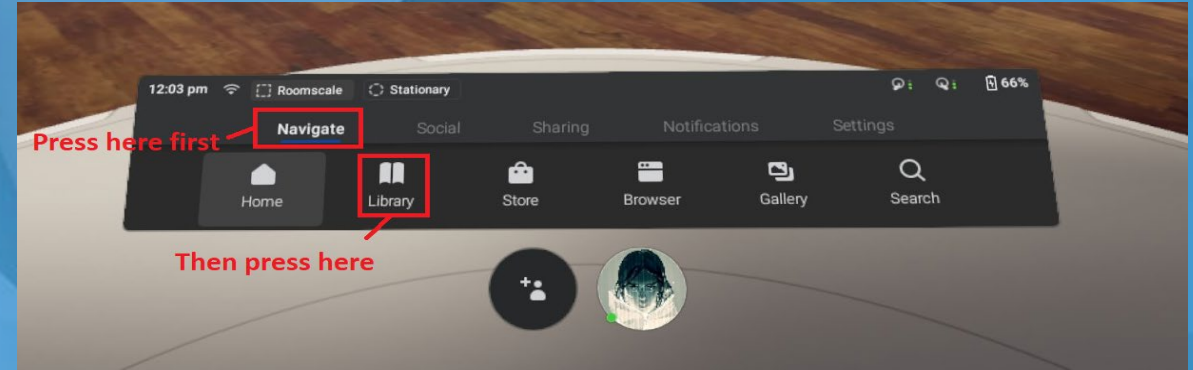


UPDATING APPLICATIONS

To manually update, go to the **Oculus Home**, select **Navigate** then **Library**.

From the pane on the left, select **Updates** and click on any thumbnails there to update the respective application. If there are no apps there, try restarting your headset and checking again. If there is still nothing there, everything is up-to-date.

If the headset is connected to a Wi-Fi network and is turned on, applications should update on their own.



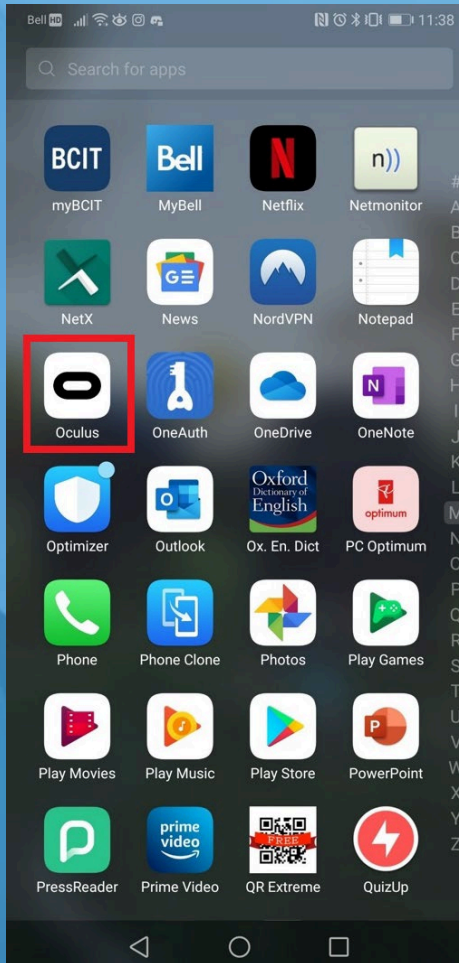
CASTING TO PHONE

- If possible, we recommend casting to a screen using a Chromecast, Firestick or other casting device. See [here](#) for more information.
- If not possible, actions in VR can be seen on a smartphone by downloading and setting up the Oculus application. The following pages will go through this process in detail.

Headset and Phone must be on the SAME WI-FI Network

DOWNLOADING THE OCULUS APP

YOU NEED THE OCULUS APP TO BROADCAST THE VR EXPERIENCE TO YOUR PHONE



System Requirements

The Oculus APP will work on:

- Apple iOS 10+
- Android 6.0+

<https://www.precisionostech.com/support/>

LOGGING IN TO THE OCULUS APP

1. Open the app and click Sign In
DO NOT CREATE A NEW ACCOUNT



2. Enter the headset's unique email address.
 - To find out what the email is, you need the last 7 characters of your headset's serial number, found on the side of your head straps.
 - add '**qst.**' before the 7 digits and '**@precisionostech.com**' at the end.

For example, the email address will look like this:

qst.bpr9405@precisionostech.com

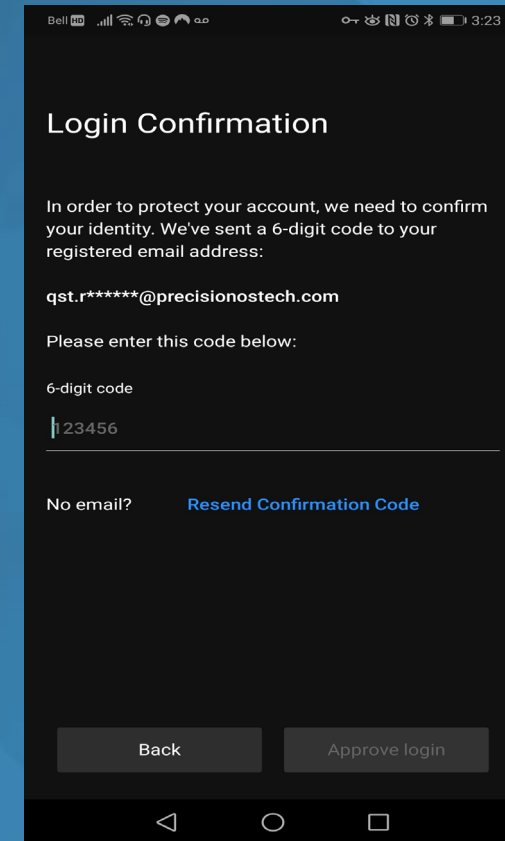
3. Enter password, which is: **Precision@!**

<https://www.precisionostech.com/support/>

LOGIN CONFIRMATION TO THE OCULUS APP

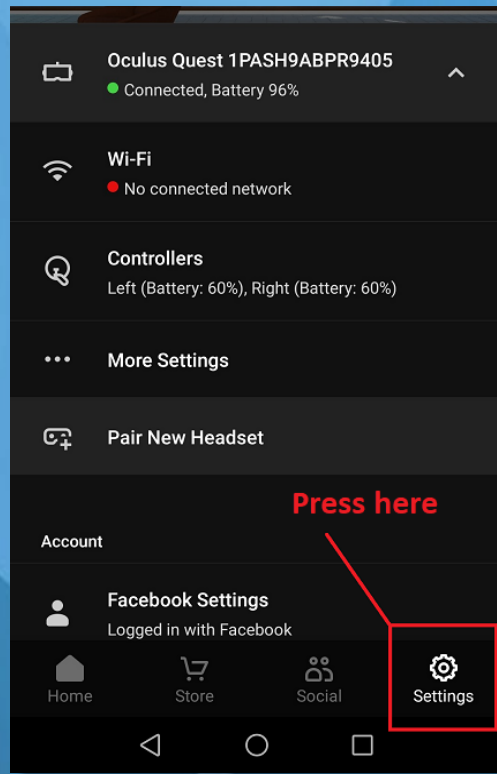
You may be asked to provide a confirmation code upon login.

- A confirmation code will be sent directly to the headset.
- Put the headset on and proceed to the login area. There is a notifications panel to the right of the login panel. Your confirmation code will appear here.
- It should arrive between 3 – 5 minutes from the time you see the login confirmation page.
- Make sure to enter the confirmation code as soon as possible as it will expire within 30 minutes.

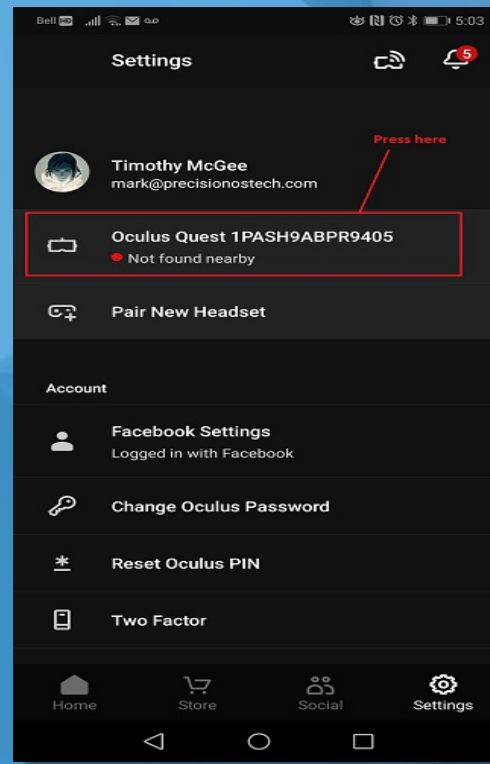


CONNECT TO WI-FI IN THE APP

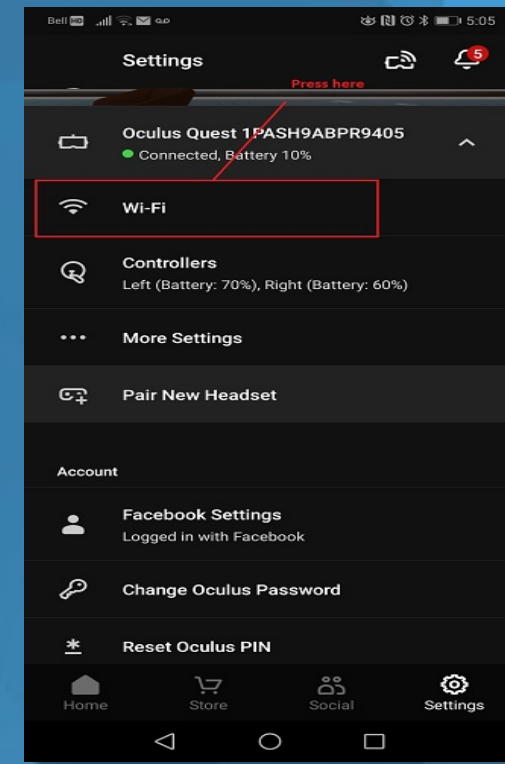
1. Open app and click **Settings**



2. Select your headset



3. Click desired Wi-Fi and enter relevant credentials

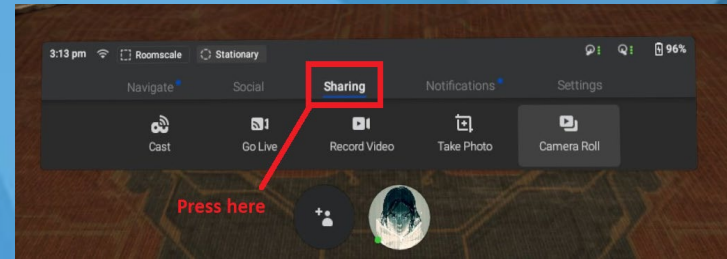


CASTING FROM HEADSET TO PHONE

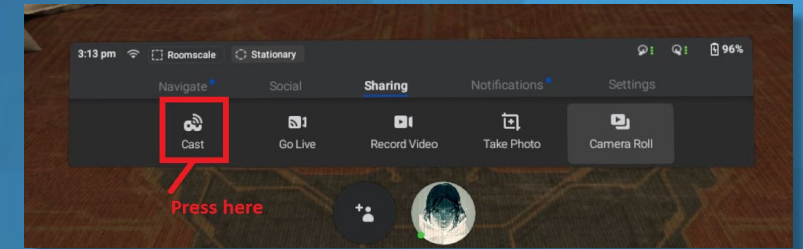
1. Put on the headset



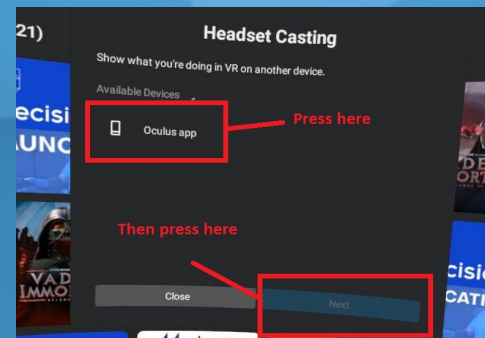
2. Click **Sharing** from the toolbar



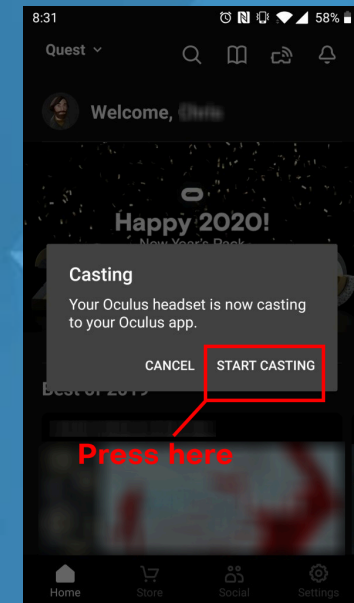
3. Select **Cast** from sharing menu



4. Click **Oculus app** from casting choices and click Start



5. On phone, open Oculus app and select **Start Casting**



VIDEO: Tutorial on how to cast

<https://www.precisionstech.com/support/>

HEADSET CARE AND MAINTENANCE

It's important to take care of your headset and secure it in a safe place. Your limited warranty does **NOT** cover normal wear and tear or physical damages.

Avoiding sunlight

To avoid damaging your lenses and display, keep your headset away from direct sunlight. Your headset can be permanently damaged from less than a minute of exposure to direct sunlight.

To keep your headset safe from sun exposure, follow these tips:

- Do **NOT** store or leave your headset anywhere where it can be exposed to sunlight. The lenses inside your headset **can be permanently damaged from less than a minute of exposure to direct sunlight even if it's indoors.**
- Do **NOT** use your headset outdoors.
- If you need to transport your headset, do so in a bag or case that keeps it safe and protected from **direct sunlight.**

CLEANING THE HEADSET

To clean your headset:

- Use a dry cloth to clean the outside of your headset.
- Use non-abrasive, anti-bacterial wipes to clean the straps and the facial interface foam. **DO NOT** use alcohol or an abrasive cleaning solution.

To clean your headset lenses:

- Use a dry optical lens micro-fiber cloth to clean your headset lenses. **DO NOT** use liquid or chemical cleansers.
- Starting from the center of the lens, gently wipe the lens in a circular motion moving outwards.

To clean your controllers:

- Use a dry cloth or non-abrasive anti-bacterial wipe to clean your controllers. **DO NOT** use alcohol or an abrasive cleaning solution.

VIDEO: Tutorial on maintenance

