

VR Safety Training

Quick Start Guide

NEXT WORLD

GETTING STARTED

Prefer videos? You can view our range of tutorial videos by scanning the QR code:



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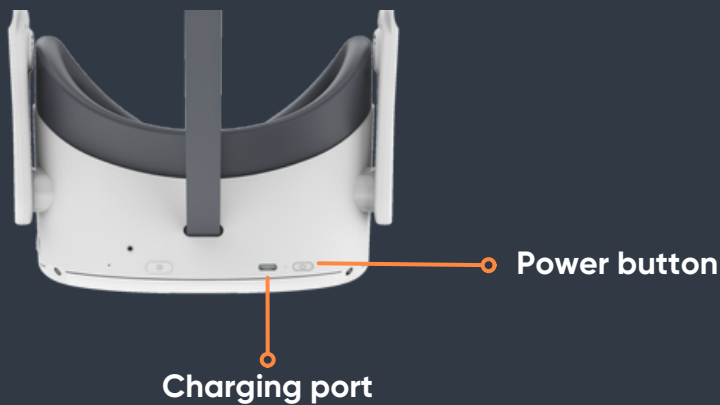
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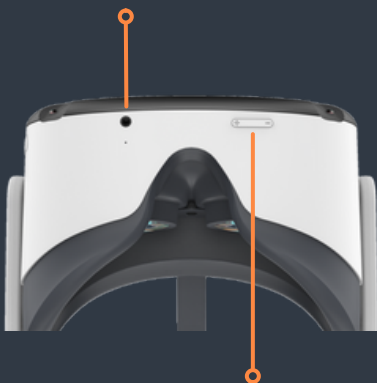
The Headset



ABOUT YOUR HEADSET



Headphone port



Volume controls



HEALTH AND SAFETY NOTES

- This product is designed and intended to be used in an open and safe indoor area, free of any tripping or slipping hazards. To avoid accidents, remain conscious to the potential confines of your physical area and respect the boundary of your virtual area whenever you see it. Make sure that there is enough space around your head and body (at least 2m x 2m) to stretch your arms to avoid damage or injury to yourself, others, and your surroundings.
- This product is not recommended for users under 12 years of age. Children over 12 years old should only use this product under adult supervision.
- This product is designed to accommodate most prescription glasses. Take care to wear the VR Headset in a manner in which the VR Headset lenses do not rub or impact your prescription lenses.
- Prolonged use may cause dizziness or eye fatigue. **It is recommended that you take a short break every 30 minutes, or after each course.** You may be able to relieve eye strain by watching distant objects. If you feel any discomfort, please stop using the product immediately.
- Do not expose the optical lenses to direct sunlight or other strong light sources. Exposure to direct sunlight may cause permanent yellow spot damage on the screen. Screen damage caused by sunlight exposure or other strong sources of light is not covered by the warranty.
- For sanitary purposes, it is recommended that you clean your headset after each use, or when swapping between users. You can clean the interior lenses with a soft, dry cloth. **Do not use alcohol-based cleaners on the interior lenses.** You can clean the PU leather face pad with any sort of disinfectant wipe.



BASIC FUNCTIONS

Turning on headset


Long press the POWER button for 2 seconds until the status indicator turns blue.



How to hold the controllers

Hold each controller with your middle finger resting on the GRIP button, your index finger resting on the TRIGGER button, and your thumb resting on the thumbstick.

Connecting the controllers

When your headset is turned on, short press the PICO  button on each controller for 1 second until the status indicator flashes blue. If previously disconnected, the controller will also vibrate to indicate connection.



Adjusting audio


You can use the VOLUME button of the VR Headset to turn up or turn down the volume, and press it to continuously adjust the volume.



Making selections

When in the VR space during setup, you will notice there are light beams coming from your controllers, assuming they are connected. To make a selection, move your hand/controller to aim the light beam over the selection you want. To make the selection, pull the TRIGGER button on the back of your controller

Screen re-centering

If you find the images have drifted off-center, look straight ahead, press and hold the PICO  button of the Controller for more than 1 second to re-center the screen



SETTING A PLAY BOUNDARY

What is a play boundary

When you turn on your headset in a new area you will be prompted to set up a virtual boundary that defines the limits of your physical play area in VR. This is a safety feature to prevent users from running into walls, furniture, or other obstacles while immersed in the virtual world.

1 Select "Quick Boundary"

2 Set your position

Choose either the "standing" or "sitting" option, depending on how you wish to experience VR

HINT

All Next World courses can be completed while seated— a great option for nervous or nausea-prone users!

3 Choose the size of your boundary

Select the size of your boundary circle, depending on how much space you have available. Remember to check for obstacles and tripping hazards!

4 Select "Enter VR World" to confirm

While in VR

Once your boundary is set up, you will be able to play safely in the virtual space. If you approach the edge of this boundary while in VR, a virtual grid cage will appear to show you where the limits of your play area are.

If you need to change the boundary at any point, tap the PICO button to bring up the headset settings and select the boundary icon.



CONNECTING TO WI-FI

Why you need to connect to Wi-Fi

One of the advantages of Next World's VR training is that it is able to be conducted offline, as all of the courses are stored locally on the headset. However, there are a few instances where the headset will need to be connected to the internet:

- To sync with data recently added to the platform (new users, etc.)
- To push training session data back to the platform
- To download new courses or software updates
- To use some screen casting functions (see Screen Casting Options)

1 Tap the PICO button on your controller



2 Select the gear icon at the bottom right



3 Select "WLAN"



4 Select your network & enter your password



SETTING UP SCREEN CASTING

What is screen casting

Screen casting allows you to cast the visual information from inside the headset to an external monitor, so that you can see what a user is doing in their training. This is helpful for compliance requirements, or helping a trainee if they are struggling.

1 Tap the PICO button on your controller



2 Select the gear icon at the bottom right



3 Choose the screen casting option that works for you



Miracasting



With this option you can cast to Windows laptops and PCs, smart TVs with Miracast functionality and Microsoft display adaptors without being connected to the internet.

- Ensure the device you are casting to is Miracast compatible.
 - If you are casting to a Microsoft Display Adaptor
 - If you are casting to a Microsoft PC or laptop, ensure that the [Connect App](#) is installed and open
- In your VR headset, select the cast icon (pictured above) on the top right
- Select the device you want to cast to from the available list

HINT

If you need help installing the [Connect App](#) on your PC,

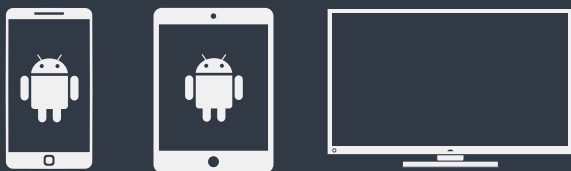


SCREEN CASTING OPTIONS

Cast to Smart TV

Although it is called "Cast to Smart TV", this option allows you to cast to an application that can be downloaded on Android phones, tablets, or TVs.

- Ensure your VR headset and the device you are casting to are connected to the same internet network.
- Download the **Cast for PICO** app from the Google play store on your device, then install and open it.
- In your VR headset, select the Cast to Smart TV option and select your device from the displayed list



Cast to Browser

This option will allow you to cast to any chromium-based browser (Google Chrome, Microsoft Edge, Opera, Brave, etc.) on any device that will allow you to open internet browsers. Please note that **this option will not work on non-chromium browsers such as Firefox and Safari.**

- Ensure your VR headset and the device you are casting to are connected to the same internet network.
- In your headset, select the Cast to Browser option and copy the displayed web address into the browser you want to cast to
- In your browser, select "Start Screencast"
- In your VR headset, select "Allow" if prompted to do so



SOFTWARE UPDATES

Next World Agent and Home Updates

Whenever there is a software update from Next World, you will be automatically prompted to install it when you turn on your device (provided it is connected to the internet).

If you need to manually update the Home or Agent for any reason, you can do so by going to [Settings > Update Home or Update Agent](#).

Pico User Interface (PUI) Updates

PUI updates are new versions of the headset and controller firmware from Pico . [PUI updates are natively disabled on hardware supplied by Next World](#). PUI will instead be pushed out automatically every 6 months.

If you have PUI updates enabled you can update them by navigating to Device Settings and selecting "Check PUI Update" under the Device Info box on the right of the screen.

HINT

If you need help installing the Connect App on your PC,



The Training



HOW TO START TRAINING

E.L.I.O.T. Check

Putting on a headset and powering it on will take you immediately to the Next World software where you will be greeted by E.L.I.O.T.

E.L.I.O.T. will walk you through a number of checks to make sure the controllers are being held correctly and the floor height is accurate. Once done, you will be asked to select a language.

Hi, I'm
E.L.I.O.T.!

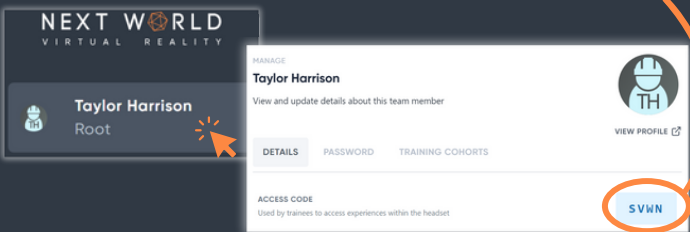


Log in with Access Code

Once you've selected a language, you will be asked to enter a unique 4-digit access code. This ensure that all training done is saved to your own profile on [the Portal](#).

Where to find your Access Code

Access codes are generated when you are added as a member on the Portal, and by logging in you will easily be able to find yours. There are many areas on the Portal where your code is displayed, but the quickest is by clicking your name on the top left of the navigation bar.



Trainee forgot their code?

If a trainee has forgotten or does not know their access code, you can look it up on the Portal by going to [Admin > Members](#) and searching their name.

On the headset, they can also enter your code (a trainer code) and select their name from the displayed list.



HOW TO PLAY

Using the tablet

In your left hand you will find a tablet, which is used to answer questions, take photos, view results, etc. To make a selection, you will need to tap the buttons like you would a physical tablet. Move your right hand over the selection

Putting away the tablet

If you need both of your hands for an activity, you can put the tablet away by using the smart watch on your left wrist. Simply tap the watch face like you would using the tablet. You can summon the tablet again using the same method

Moving around

To move around the VR space, push and hold the black joystick on your controller forward. Holding the joystick forward will summon a pair of orange feet, which you can direct where you want to go. Once you release the joystick you will teleport to where you've placed the feet

Picking up objects

To pick up an object, like a clipboard or fire extinguisher, move your hand (and controller) over the object and hold down the GRIP button on the side of your controller to pick it up. Keep the GRIP button held down as you keep the item in your hands, and then release it when you want to drop the object.



Using objects

To use an object you are holding, like a fire extinguisher or pressure hose, pull the TRIGGER button on the back of your controller

How to pause

To use an object you are holding, like a fire extinguisher or pressure hose, pull the TRIGGER button on the back of your controller



The Portal



THE PORTAL OVERVIEW

Accessing the Portal

Scan the QR code below or on your web browser go to nwxr.app to log in with your email. If you do not have an account set up, contact your manager or email us at support@nextworldxr.com



Adding new members

To add a new member to your organisation, go to **ADMIN > MEMBERS** and click on the **Create New** icon. Fill in their details, assign a role and click **Add Member**. This will generate an access code that they can use to log into the VR headset training library.



Creating training programmes

Training programmes allow you to create unique training setups for users across your organisation that have different training requirements to ensure that all of their training is up to date and relevant.

To create a new training programme, go to **TRAINING PROGRAMMES** and click on the **Create New** icon. Fill out the details of your new programme, select which courses will be required, and then add the trainees that will belong to it and at least one owner.



THE PORTAL OVERVIEW

Dashboard

Once you log in, you will see your organisation's dashboard. This shows a top level aggregation of data to give you an overview of how your organisation is tracking.

Training Insights

This is where you can see all of the results from your training sessions. Go to TRAINING INSIGHTS and click on the session to view details of the results, including performance benchmarks and questions and answers. You can use these results to get deep insights into your trainee's learning.



Trainees

The TRAINEES section allows you to see how your users are progressing with their training. It will show you which courses they've completed, how many sessions they've done and, most importantly, their training status. This way you can see who in your organisation needs training at a glance.

Training Programmes

TRAINING PROGRAMMES allow you to create unique training groups for users across your organisation that have different training requirements. When set up correctly, you can be sure all of your trainees are up to date with their required training.

Training Schedule

You can use the TRAINING SCHEDULE to easily book your users in for training. When scheduled, trainees will be notified of the time and date, what course they need to complete, and their access code.



Help and
Ongoing
Support



HELP AND ONGOING SUPPORT

Tutorial Videos

The Trainee Quick Start Guide is perfect for employees who are about to complete their first VR training session, or simply looking for a refresher. The video covers key topics including how to wear the headset, how to enter your training code, and how to move and interact inside the digital training environments.

<https://nextworldenterprises.com/support-videos/>

Frequently Asked Questions

Have a question about Next World or VR training in general?

<https://nextworldenterprises.com/faq/>

Knowledge Base

Support articles and Knowledge Base for Next World trainers and trainees.

<https://nwxr.app/support>

Support Team Contact

support@nextworldxr.com

