



Patient's instructions for use

EMAA HOME

EMAA Home User Guide

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Symbol	Title
	Medical Device
	CE Marking
	Consult instructions for use or consult electronic instructions for use
	Caution, consult the User Guide for important warning information
	Manufacturer

1. Important - Read Before Use

1.1. Before First Use

Welcome to the user guide for your EMAA Home solution.

This guide has been designed for the latest software version available only for PICO Neo 3 Pro Eye and G3 headsets.

Before starting your first use of the solution and platform, please read the following information carefully:

- Keep the original packaging and manufacturer's instructions so that you can refer to them for advanced headset features.
- Digital instructions are available online. You can access them by visiting the [support portal](#).
- Paper instructions are available free of charge upon request. To obtain them, use the contact form on the support portal. Delivery time: 7 calendar days.
- A (stable) WiFi connection is essential to connect the headset (mobile hotspot sharing can be used if necessary).
- Secure the immediate environment to avoid falls or impacts; seated use is recommended.
- Be careful with your glasses when removing the headset.
- Any damage (breakage, scratches, or optical exposure to the sunlight) caused by improper use will be your responsibility.
- Cleaning the leather before or after each use: prefer a gentle solution (alcohol-free disinfectant wipes) to limit premature wear.
- Recharge the headset every two hours of use.
- You can report any serious incident related to the device to contact@eyesoft.fr or to the French National Agency for the Safety of Medicines and Health Products (ANSM).
- In case of device malfunction, please contact Eyesoft.
- The device is intended only for the patient for whom a usage code has been provided, and must not be used by a third party.



Never expose the optics to direct sunlight!

2. Purpose and Indications

EMAA Home is a software as a medical device (SaMD) using extended reality designed for the assessment and rehabilitation of visual and oculomotor functions.

The solution aims to assist in the evaluation, training and improvement of oculomotor abilities in order to relieve symptoms.

Prescribed and supervised by your orthoptist (or other visual health professional), its use is indicated for patients over 8 years of age (under adult supervision for minors). It should not exceed 20 minutes per session and one session per day.



As with any orthoptic practice, the device may cause certain transient effects (visual discomfort, headaches, nausea, dizziness).

People with a history of vestibular or neurological disorders (convulsions, epilepsy, or other major neurological disorder) are particularly susceptible to the side effects described above. If these symptoms appear, we recommend stopping the session. If these symptoms persist, consult your orthoptist.

3. First Start



3.1. Headset Positioning

Position the optics in front of your eyes and pass the straps behind your head.

You can adjust the strap to your size (velcro band on each side). If you have a PICO G3, you can manually adjust the IPD (interpupillary distance). Three positions are available: 58 mm, 63.5 mm, 69 mm.



When removing the headset, be careful with the patient's glasses, if necessary ask them to hold them.

3.2. Turning On



Press and hold the on/off button on top of the headset for 5 seconds.

i This is the same procedure to turn off the headset.

3.3. Headset LED Indicator



Headset on (solid blue)



Headset shutting down (blinking blue)

When the headset is **off and plugged in**:



Full battery - between 98% and 100% (green)



Battery charging - between 20% and 98% (yellow/orange)



Low battery - below 20% (red)

If the headset is not plugged in and below 20% battery, you will see a blinking red light 



The headset's network performance is degraded below 20%, make sure you have enough battery before starting a test.

3.4. VR Realignment

If the display is misaligned, press the side button to recenter the view.



You can simply realign it in front of you by long pressing the bottom button on the side of the headset.

3.5. Navigation and Interaction in the Headset

You can validate tabs in VR in two different ways:



Either by intuitive selection, simply aim and let the round cursor fill up for 3 seconds.

This is the main selection mode that your patient will need to understand to use EMAA Home.



Or by aiming (directing the white pointer towards the tab) then click the main button on the right side of the headset.

This will be used mainly for WiFi configuration during the initial configuration.

3.6. Wi-Fi setup

During the initial configuration, you will need to setup the Wi-Fi connection.



Using intuitive selection, select "Setup" to enter the headset's network menu.



For this step, you will need to use click selection (main headset button).

Select your network, enter the Wi-Fi password, confirm, then exit the menu by pressing the (-) button once (top button on the side of the headset).

After this step, you will need to enter your patient code.



To manage your WiFi connections, you can find them by going to the "Settings" tab in the headset's waiting room.

3.7. Configuring Your Patient Code

Using intuitive selection, enter your 6-digit code (provided by your orthoptist) then validate by hovering "continue".



You will then arrive at the headset positioning phase (preliminary step before each use).

3.8. Controller Configuration



For more information on using the controllers, watch [this video](#) on the Eyesoft's Knowledge center.



Turn on the controllers by pressing the "home" buttons on the controllers.



In the headset, when you are in the waiting room, go to the settings tab (gear icon at the top) then select "Controller".

Using the [headset selection button](#), select the "Controller" tab on the left, and follow the in-headset guidance to pair / un-pair the controllers.

The controller and aiming laser appear in VR allowing you to use it to select with the trigger.

To recalibrate the controller position and aim, hold the "Home" button for 3 seconds.

Press and hold the (-) button on the controller for 3 seconds to quickly enable / disable the controller.

Congratulations! You are now ready to use EMAA Home!

4. Usage

4.1. Headset Positioning

This is the preliminary step before each use. It allows optimal headset positioning.



Once the headset is on your head, you must align your head and see the drawing correctly. **If part of the drawing is blurry**, the headset needs to be better positioned in front of your eyes.



Remember to align the menus to start the session with the menus facing you.



Please note that the photoreceptor will automatically detect if you remove the headset, and it will then return to the headset positioning phase.

4.2. Headset Features



1. Exit session:

To exit the session, select the cross then confirm. The practitioner code will be requested to open a new session.

2. Change environment:

Select the rocket or fish icon tab to switch between environments.

3. Access settings:

Select the gear icon tab to access settings (controller, Wi-Fi, or updates).

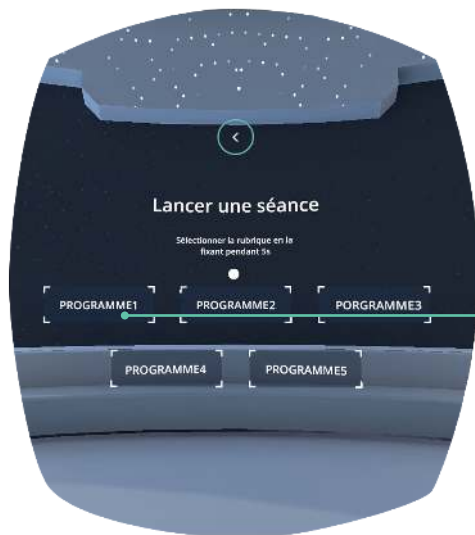
4. Reposition / Recalibrate:

Select the right tab to return to "headset positioning".

4.3. My Sessions



After positioning the headset, select "My sessions".



You have access to sessions programmed by your orthoptist.

Select the session, then let yourself be guided!



Stay focused, complete the session in full, and answer "YES" only if you successfully completed the exercise in question, your results will be directly sent to your orthoptist.



Available programs appear in the order from the first program entered by the orthoptist to the last.

4.4. Exercises

Here are the instructions for each rehabilitation exercise and for each environment:

PURSUIITS

"Follow the spaceship precisely with your eyes without moving your head"

"Follow the fish precisely without moving your head"

SACCADES

"Fix successively on the light point of each planet without moving your head"

"Fix successively on the light point of each turtle without moving your head"

NPC

"Fix on the central point on the planet trying not to see double"

"Fix on the central point on the turtle trying not to see double"

PHYSIOLOGICAL DIPLOPIA

"Fix on the planet, then on the spaceship following the rhythm. The illuminated element should be seen single, you should have the impression of "cross-eyed". It is normal for the dark element to be double."

"Fix on the turtle, then on the fish following the rhythm. The illuminated element should be seen single, you should have the impression of "cross-eyed". It is normal for the dark element to be double."

HEAD-EYE COORDINATION

"Search for and select each planet successively using the white point, aiming with your eyes AND head"

"Search for and select each jellyfish successively using the white point, aiming with your eyes AND head"

EYE-HAND COORDINATION

"Search for and select each planet successively using the controller, pressing the trigger"

"Search for and select each jellyfish successively using the controller, pressing the trigger"

FUSION CONVERGENCE / DIVERGENCE

"Fix and maintain the image in the center throughout the exercise."

VOLUNTARY CONVERGENCE

"Each eye sees a different image. You must make the voluntary effort to recenter them!"

STEREO FUSION CONVERGENCE

"Try not to see double. You may have the impression that the image changes size, position, or becomes blurry"

VOLUNTARY DIVERGENCE

"Each eye sees a different image. Your eyes must be relaxed to recenter them!"

STEREO FUSION DIVERGENCE

"The image should not be seen double. Your eyes must be relaxed to maintain fusion"

