

QUICK GUIDE REALWEAR HMT-1 & NAVIGATOR 500

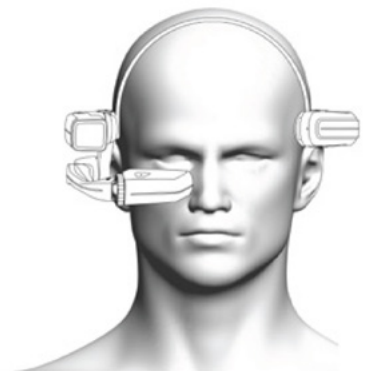
In this quick guide you will receive all necessary information for the first start-up and configuration of your RealWear HMT-1 and Navigator 500 as well as for the installation of oculavis SHARE. Furthermore, important commands for the general operation of the voice-controlled hardware and for different application scenarios of oculavis SHARE are presented and explained.

ADJUSTING THE REALWEAR HMT-1 & NAVIGATOR 500

- Place the display close (2-3 cm away), but below your dominant eye.
- The glasses should form a Z on the side when put on.



- You should be able to read the fonts on your glasses sufficiently well and see all corners of the display. If not, adjust the fit and alignment using the tree joints of the glasses.



IDENTIFICATION OF YOUR DOMINANT EYE

1. Form a triangle with the thumbs and forefingers of both hands and stretch your arms out completely. Focus on an object in the middle of this triangle while both eyes are open.
2. Now close your eyes alternately. When you have opened your dominant eye, the object remains in the center of the triangle. If you have opened your non-dominant eye, the object moves out of the center.

OVERVIEW OF THE MOST IMPORTANT HARDWARE COMPONENTS

Both the HMT-1 and the Navigator 500 have a power and an action button. The Navigator 500 also has an additional button for navigation:

1. Power button: Press long to switch the device on/off. For the Navigator 500 the power button also features an integrated fingerprint sensor.
2. Action button: Hold down to reach the language settings of your device. Press briefly once to return to the main menu or to activate the microphone after muting.
3. Navigation mode: Navigate easily through menus using the left and right button next to the action button (Navigator 500 only).

Depending on the version, the HMT-1 has either one or two USB ports, each of which is located behind a cover flap on the back of the glasses:

1. Micro USB port: Charging and data transfer
 2. USB-C port: Charging and data transfer
- USB-C port: Fast charging (no data transfer!)

The Navigator 500 has only one USB-C port for both charging and data transfer.

CONFIGURATION TOOLS

Your device is voice-controlled and you can make all configurations directly on the device without any additional tools. However, since the input of text (such as login data or passwords) with voice commands is often perceived as time-consuming, the manufacturer offers various tools as configuration aids:

- The RealWear Companion App for your smartphone can be downloaded from the Google Play or App Store.
- You can access a Web Configuration Tool via your browser at:
<https://support.realwear.com/knowledge/configure#remote-from-a-web-browser>
- You can install the RealWear Explorer PC/Mac desktop application by following this link:
http://support.realwear.com/knowledge/realwear-explorer#DOWNLOAD_EXPLORER

The RealWear Explorer mirrors the screen of your RealWear on your desktop and you can use your mouse and keyboard for navigation and input. The RealWear Companion App and the Web Configuration Tool generate a QR code from your entries to configure your glasses. To scan the QR code, say the following commands starting from the main menu: “My Programs” / “Configuration”.

CONNECTING THE GLASSES TO INTERNET AND WIFI

You have several options to connect your glasses to the Internet:

1. Use of the configuration tools mentioned above.
2. Without the configuration tools only with the hardware by saying the following commands starting from the main menu:

“My Programs” / “Settings” / “Network & Internet” / “Wireless Networks” / “name of the network” or “Select Item X” (X being the number in the upper left corner of the desired network) / The input field and the keyboard open for entering the network password (please refer to the instructions under ENTERING TEXT) / “Accept”

INSTALLATION OF THE OCULAVIS SHARE APP

If you have purchased your device from oculavis, the SHARE App is pre-installed and displayed on your start screen. In case you want to install the app yourself, you will find the necessary APK file on our homepage under the section “Smart Glasses App”: <https://oculavis.de/en/downloads/windows/>

The HMT-1 and the Navigator 500 are ordinary Android devices on which the APKs can be installed in the way you are used to in your company. However, it is also recommended to use the RealWear Explorer mentioned above, because you only have to drag and drop the APK into the corresponding window in the upper right corner to install the app. Make sure to uninstall older versions of the app first.

USER LOGIN

After opening the oculavis SHARE App with the voice commands “My Programs” / “SHARE” from the main menu, you will be asked to scan a QR code to log in. You can generate this code on web or with your smartphone. Both options require that you already have a user and password on your SHARE platform:

1. Open the web version of oculavis SHARE in your browser via **https://*companykey*.share platform.de/** (you can find the *companykey* of your platform e.g. in your invitation e-mail to SHARE) or open the SHARE smartphone app.
2. Enter your login data and, when using a smartphone additionally, the company key and log in.
3. Select “QR Code Login” (web) or “Your Account QR Code” (smartphone) in the left navigation bar.
4. Scan the created QR code with your smart glasses.

Alternatively, the voice command “Login manually” can be used to log in by entering the user name, password and company key.

SELECTION OF REALWEAR SPECIFIC OPERATING COMMANDS

After powering up your device, you can control it by voice commands. The most important commands for navigation and entering text are listed below.

NAVIGATION

“Navigate Home”	Brings you to the main menu at any time.
“My Programs”	Shows you the installed apps.
“Page up / down / left / right”	Scroll options on the screen.
“Select Item X”	Allows you to select the numbered objects. All objects can also be selected directly by voice command.
“Navigate back”	Navigates one step back.
“Show Help” / “Hide Help”	Shows or hides all available voice commands on the current page.

ENTERING TEXT

As soon as you reach a field with your smart glasses that requires text input, a keyboard opens automatically. There are different keyboard modes between which you can switch either directly or via the intermediate step “More options / Hide options”: Depending on whether you are using an HMT-1 or Navigator 500, the naming of the modes may differ slightly. In the following, both terms will be given. Among the options you will also find the self-explanatory additional options “Dictation” and “Scan Code” or “Barcode Reader”.

“Secure entry” or “Secure keyboard”: This mode of entry is automatically selected when you enter a password, as you do not have to spell your password out loud. Instead, you position the letter, number or symbol in the selection window with a movement of your head and say “Select”. You can switch between “Letters”, „Numbers” and “Symbols” with the corresponding voice command.

“Normal entry” or “Voice keyboard”: In this mode you enter letters using the phonetic alphabet (“Alpha”, “Bravo”, ...), numbers and symbols using their normal names. You can switch here between “Letters”, „Numbers” and “Symbols” with the corresponding voice command as well.

“ABC mode” (HMT-1 only): In this mode, you say “Letter x”, “Number x” or “Symbol x” for each character you want to enter. The command „Letter a, letter b, symbol underscore, number 5” would thus lead to the input „ab_5”.

“Remote Keyboard” (Navigator 500 only): You can download the RealWear Companion App described above and use your smartphone as a keyboard within this mode.

OPERATING COMMANDS AND APPLICATION SCENARIOS OF OCULAVIS SHARE

Once you have opened oculavis SHARE from the main menu via “My Programs” / “SHARE” and logged in, all the functions of the smart glasses app are available to you. The app consists of a main screen and two menu bars on the left and right:

“Show / Hide Menu” Opens or closes the left side menu. Here you navigate through modules and their subpages.

“Show / Hide Actions” Opens or closes the right side menu. Here you will find the actions you can perform on the current page.

By opening the menus, the corresponding voice commands become visible. But you can also use these commands when the menus are hidden.

THE MAIN MENU

If you are not on a subpage, all available oculavis SHARE modules (Contacts, Cases, Products, Timeline and Workflows), as well as the Settings are displayed in the left main menu. You can open them with *Open module name* or “Open Settings” (“Open Cases” leads you to the case list, for example). With “Logout”, which is also in the main menu, you leave SHARE and must log in again the next time you open it.

CALL CONTACTS

Proceed as follows to call a contact:

“Open Contacts” / Name the contact you want to call or select with “Object X” / confirm with “Call user”. A security message appears which you must confirm with “I understand and accept”. If your company allows it, you can select “Don't show again” beforehand so that the security message is not displayed repeatedly before your next calls. Then you can use the described functions in the video call (see below).

ANSWER CALLS

As soon as you receive a call on your smart glasses, a corresponding window appears with the name of the caller. You can accept the call with “Yes”. As described above, you must also confirm a safety instruction at this point with “I understand and accept”.

INSIDE A VIDEOCALL

“End Video Call”	Ends the video call.
“Take Screenshot”	Takes a photo (only possible after the call has been assigned to a case by the web or smartphone user).
“Audio Off / On”	Microphone is switched off or on.
“Flashlight Off / On”	The flashlight of the glasses is switched on or off.
“Freeze / Resume Video”	The live video is paused or continued.
“Deactivate / Activate Video”	Your camera is switched on or off.
“Show / Hide Users”	Shows the participants of the call with their names and audio and camera status.
“Select Item X”	Makes the user with the corresponding number the main peer.
“Zoom Level 1 / 2 / 3 / 4 / 5”	Your live video will be enlarged according to the selected level.

VIEW AND JOIN ACTIVE AND PLANNED VIDEO CALLS

In your Timeline, which you can access via “Open Timeline”, you can view all active and planned Video Calls in which you are a participant. Planned Video Calls are divided into „Upcoming Calls“ and „Future Calls“. While you can join active and upcoming calls directly using their name or “Select Item X”, this is not possible for future calls.

OPEN CASES, CREATE CASES AND ADD DOCUMENTS

As soon as you have entered the module via “Open Cases”, you will see all Cases to which you have access.

Open Cases by saying the respective Case Name or “Select Item X”.

Create Cases via “Create Case”. If several Case Types are available on the platform, one of them must be selected. After another “Create Case” you will be directed to the Case Details of the newly created case.

Within a Case there are two subpages: “Open Details” and “Open Documents”. In the documents area you can view the documents belonging to the Case and also add new photos or videos. To do this, select the desired sub-folder if necessary and say “Take Photo” or “Record video”. In both cases the camera app of your glasses will open. As soon as you have finished recording, the video or photo will automatically be uploaded into the Case.

OPEN PRODUCTS, CALL EXPERTS AND VIEW DOCUMENTS AND RELATED CASES

As soon as you have entered the module via „Open Products“, you will see all Products to which you have access.

Open Products via the respective product name, “Object X” or by scanning a product QR code. This QR code is generated in the web application of oculavis SHARE and can be scanned on the glasses via “Scan Product”. All variants lead you directly to the Product Details of the selected Product.

Within a Product there are three subpages: “Open Details”, “Open Documents” and “Linked Cases”.

In the details area of the Product, the command “Contact Expert” will take you to a list of experts that have been assigned to this Product. Say the name of the required expert or “Object X” to initiate a call with them.

You can use the documents section of the Product in the same way as the documents section of Cases (see above). Please note, however, that all documents listed here belong to the overall Product and not to any components or sub-components you may have created in web.

Under “Linked Cases” you can see all Cases connected to the Product and jump into them via “Object X” or the name of the Case.

OPEN AND EXECUTE WORKFLOWS

With the new Workflows module, step-by-step instructions created on the web can be played back on smart glasses to support workshop staff, technicians and engineers in new and unfamiliar tasks on the shop floor. To play a Workflow, open the corresponding module via “Open Workflows” and select the desired workflow by its name or “Select Item X”.

The overview page of the selected workflow will be displayed and you can view its description and release date. Depending on whether you have already started the workflow or not, you can either start it (“Start Execution”), continue it (“Continue”), delete your progress (“Discard”) or complete the workflow (“Go To Submission”).

Using the left side menu, you can also view the individual steps of the workflow (“Step List”), the reports that have already been submitted (“Open Reports”) and the products linked to the workflow (“Linked Products”).

A Workflow can consist of different step types. While Video, Image, Text and PDF Instructions are only intended to clarify information for you as the executor of the workflow, your active feedback to the system is required for Image, Text and Option Feedback steps as well as for QR code Verification steps.

The functions available to you within the respective steps therefore depend strongly on the type of step. Open the right side menu with “Show Actions” to display your options specific to the step you are in.

You can use the following commands for navigation, regardless of the type of step:

- “Step List” Opens a list with all individual steps of the Workflow.
- “Close List” Closes the list with all individual steps of the Workflow.
- “Next Step” Leads you to the next step of the Workflow. Please note that some steps may be marked as „mandatory“ (orange exclamation mark in the right-hand side menu). These steps must be executed.
- “Previous Step” Leads you to the previous step of the Workflow.
- “Submit Report” Returns the workflow to the system with all entries made. This cannot be done until all mandatory steps have been executed. The app will point you to missing mandatory steps.
- “Back to Overview” Takes you back to the workflow-specific overview.

