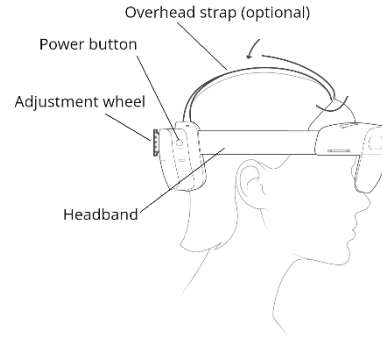


Quick Start Guide

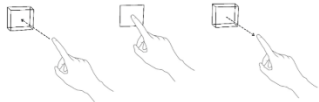



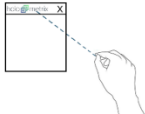

Setting up and starting HoloLens 2

Place the HoloLens 2 on your head. If you wear glasses, feel free to leave them on. The forehead pad should sit comfortably on your forehead and the back band should be centered on the back of your head. If necessary, lengthen the headband by turning the adjustment wheel and then loosen the overhead strap if needed.



Press the Power button to turn on your HoloLens 2. The LEDs under the power button show the battery level.

Basic control elements

Name	How to perform this gesture?
Buttonclick	<p>If there is a hologram near you, move your hand there. A white ring should appear on the tip of your index finger. This is the touch cursor that you can use to precisely touch and interact with holograms. If you want to select something, just tap on it with the touch cursor. Scroll through the content by swiping your finger across the surface of the content, just like you would on a touchscreen.</p> 
Grab gesture	<p>To grab a hologram near you, press your thumb and index finger together on the hologram and hold it. To release it, open your fingers. Use this grabbing gesture to move, scale, and rotate 3D objects and app windows in the Mixed Reality launch environment.</p> 
Hand ray	<p>When there are no holograms near your hands, the touch cursor is automatically hidden and a hand ray appears from your palms. Hand rays allow you to interact with holograms from a distance.</p> 
Air tap	<ol style="list-style-type: none"> Use the hand ray emanating from your palm to aim at the object. You do not have to raise your whole arm, but can bend your elbow loosely. Point your index finger straight up toward the ceiling. Press your thumb and index finger together, and then quickly release them to perform the tapping motion in the air. 
Air tap and hold	<p>To grab a hologram or scroll through the contents of an app window using the hand ray, target the contents with the hand ray and bring your thumb and index finger together (see "Air tap"), but keep your fingers together instead of releasing them.</p> 
Start gesture	<p>Use the start gesture to open the start menu. To do this, hold one of your hands with the palm facing you. A start icon is displayed on the inside of your wrist. Tap this icon with your other hand. The Start menu will open at the location you are currently looking at.</p> 

Start and close MoloMetrix app

Open the HoloMetrix-App	Close the HoloMetrix-App (4 variants)
<p>To open the HoloMetrix app from the Start menu, simply tap the app tile. You can also say "Sound HUB" to open the app. Opening other apps works analogously.</p>	<ol style="list-style-type: none"> Menu window -> Quit App (confirm in dialog window) Click on the 🏠 - Icon in the start menu. If a window appears in the room -> close it via the "X" in the upper right corner. If no window appears in the room -> open the app in the menu again and click on the 🏠 - Icon. Now a window should appear, which you can close via the X button. Restart the device: Click on the profile picture in the start menu and select "Restart".

Tips and tricks

Gesture control

We recommend that you first open the "Tips" app on the start menu after starting your HoloLens 2 for the first time. In this app, you will be shown the basic gestures and taught them in small tasks to be mastered.

In addition to gesture control, there are also a number of voice commands that can be used to operate the HoloLens 2. An overview of these voice commands can be found under: <https://docs.microsoft.com/en-us/hololens/hololens-cortana>

Connect with wireless display / wifi

Connect with wireless display to share what you see through HoloLens in real time with colleagues ("Miracast").	Connect with wifi
<ol style="list-style-type: none">1. Click on "Connect" in the start menu of HoloLens 2.2. On the PC, open the System Preferences and click "Start connection app to project to this PC" under "Project to this PC".3. The name of the PC should now be visible in the HoloLens 2. If you click on the corresponding name, the HoloLens 2 image is automatically transferred to the PC screen.	<ol style="list-style-type: none">1. Execute the start gesture and select Settings. The Settings app is automatically placed in front of you.2. Select Network and Internet > Wi-Fi. Make sure that WLAN is enabled. If your network is not displayed, scroll down the list.3. Select a "Network" and then "Connect".4. When prompted for a network password, enter it and select Next.5. Look for the WLAN status in the upper left corner of the Start menu. The status of WLAN and the SSID of the connected network are displayed.

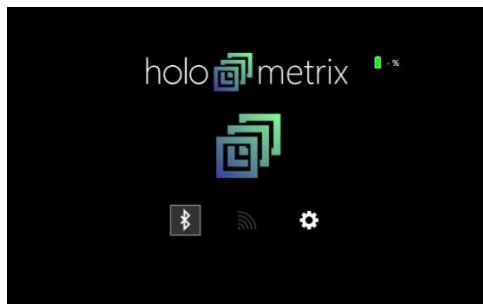
Establish Bluetooth connection between HoloLens and PC

The Bluetooth connection between HoloLens 2 and PC should be established automatically.

If you experience connection problems, perform the following steps:

Open the Bluetooth settings on your PC (System Preferences -> Bluetooth and Devices) and make sure Bluetooth is turned on.

Make sure the Sound HUB is opened on the HoloLens 2 and click on the Bluetooth icon at the bottom left.



Microsoft's Bluetooth settings will automatically open on the HoloLens 2.

It is important that the slider is set to "On" and the message is displayed that the HoloLens 2 can be detected by other devices. Now try to connect to the HoloLens 2 again.

How to take pictures and videos and transfer them to PC

	Take a picture	Record video
Hardware buttons	To take a quick photo of your current view, press the Volume Up and Volume Down buttons simultaneously.	Simultaneously press and hold the Volume Up and Volume Down buttons until a three-second countdown begins. To stop recording, tap both buttons at the same time.
Voice command	Say: "Take a picture"	Say: "start recording". To stop the recording, say "Stop recording".
Start menu	Select the camera icon from the Start menu, point your head in the direction you want to take a photo from, and then tap the air to take a photo. You can tap multiple times to take more photos. All photos you take will be saved on your device. Use the start gesture again to stop taking photos.	Select the video icon in the start menu, point your head in the direction you want to capture, and then tap in the air to start recording. After a three-second countdown, recording begins. To stop recording, use the start gesture and select the highlighted video icon. The video is saved on your device.
View and share your mixed reality photos and videos	<ol style="list-style-type: none"> 1. Unlock your device. 2. Open the Explorer on your PC. 3. Navigate to: This PC\yourhololensname\Internal Storage\Pictures\Camera Roll 4. Copy all the files you need to your PC. 	

One-handed start gesture

Note: To be able to open the Start menu with one hand, you have to perform an eye calibration beforehand (Start menu -> "All apps" -> "Settings" -> "System" -> "Calibration" -> "Perform eye calibration").

Hold your hand with the palm facing you and look at the start symbol on the inside of your wrist. While keeping your eye on the symbol, bring your thumb and index finger together.

