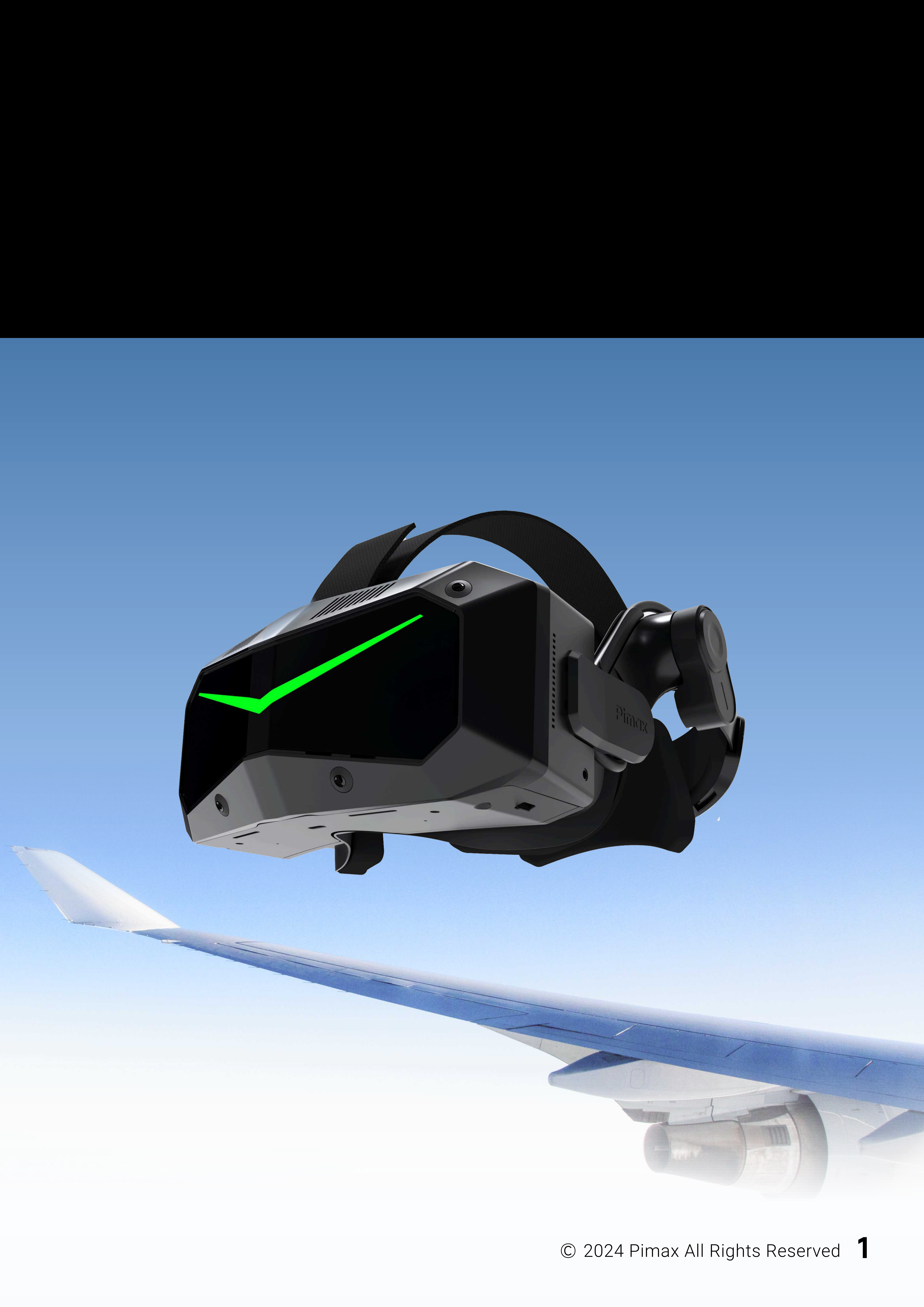




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1. In The Box

57PPD QLED Version	Crystal Super Mainframe	1 unit	Crystal Super with 57 PPD optical engine
	DP Cable	1 unit	for connecting the HMD to a PC
	Power Adapter	1 unit	for providing power to the HMD
	After-sales Service Card	1 copy	for after-sales service
	57PPD QLED Optical Engine	1 unit	for providing power to the HMD
50PPD QLED Version	Crystal Super Mainframe	1 unit	Crystal Super with 50 PPD optical engine
	DP Cable	1 unit	for connecting the HMD to a PC
	Power Adapter	1 unit	for providing power to the HMD
	After-sales Service Card	1 copy	for after-sales service
	50PPD QLED Optical Engine	1 unit	for providing power to the HMD
MicroOLED Version	Crystal Super Mainframe	1 unit	Crystal Super with micro OLED optical engine
	DP Cable	1 unit	for connecting the HMD to a PC
	Power Adapter	1 unit	for providing power to the HMD
	After-sales Service Card	1 copy	for after-sales service
	MicroOLED Optical Engine	1 unit	for providing power to the HMD



CAUTION READ CAREFULLY

Please confirm that the voltage of your power supply and DP adapter is the same.

2. Important Health & 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 2 meters by 2 meters) to stretch your arms to avoid damage or injury to yourself, others, and your surroundings.
- This product is not recommended for children aged 12 and under. It is recommended to keep headsets and accessories out of the reach of children. Teenagers aged 13 and over must use it under adult supervision to avoid accidents.
- 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.**
- This product is designed to accommodate most prescription glasses. Make sure to wear the VR headset in a manner in which the VR Headset lenses do not rub against or impair your prescription lenses. If your prescription lenses do not fit, contacts can also be worn inside the device.
- This product supports manual IPD adjustments. Please pay great attention when manually adjusting the IPD. When set to the minimum IPD the sides of the lens barrel may touch the bridge of the nose. This is normal. Please note that using an inappropriate IPD may increase the risk of discomfort.

3. Operation Guide

3.1. Minimum PC Requirements

GPU	Nvidia Geforce RTX 2080Ti or above
CPU	12th Gen Intel i7/14th Gen Intel i5 or newer AMD Ryzen 7700X
RAM	32GB or above

3.2. Recommend PC Requirements

GPU	Nvidia Geforce RTX 3080 or above
CPU	12th Gen Intel i9/AMD Ryzen 9 5950X above
RAM	64GB or above

For more detailed system requirements, please refer to the official website:

<https://pimax.com/>

3.3. Download And Install Pimax Play

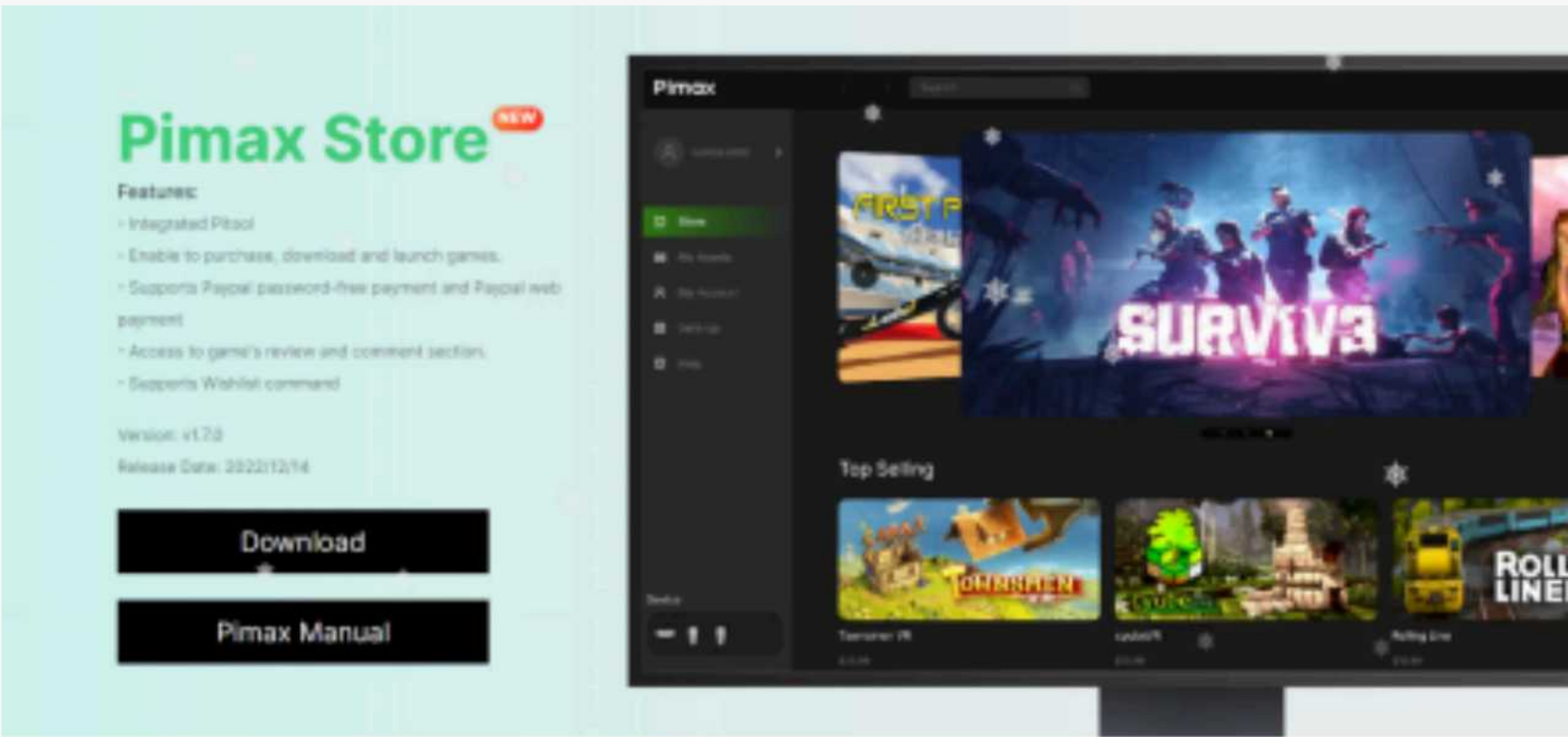
Step 1: Download and install Pimax Play

Pimax Play is the tool that enables your Pimax headset to connect to a Windows 10/11 PC. You can download it from the following link:

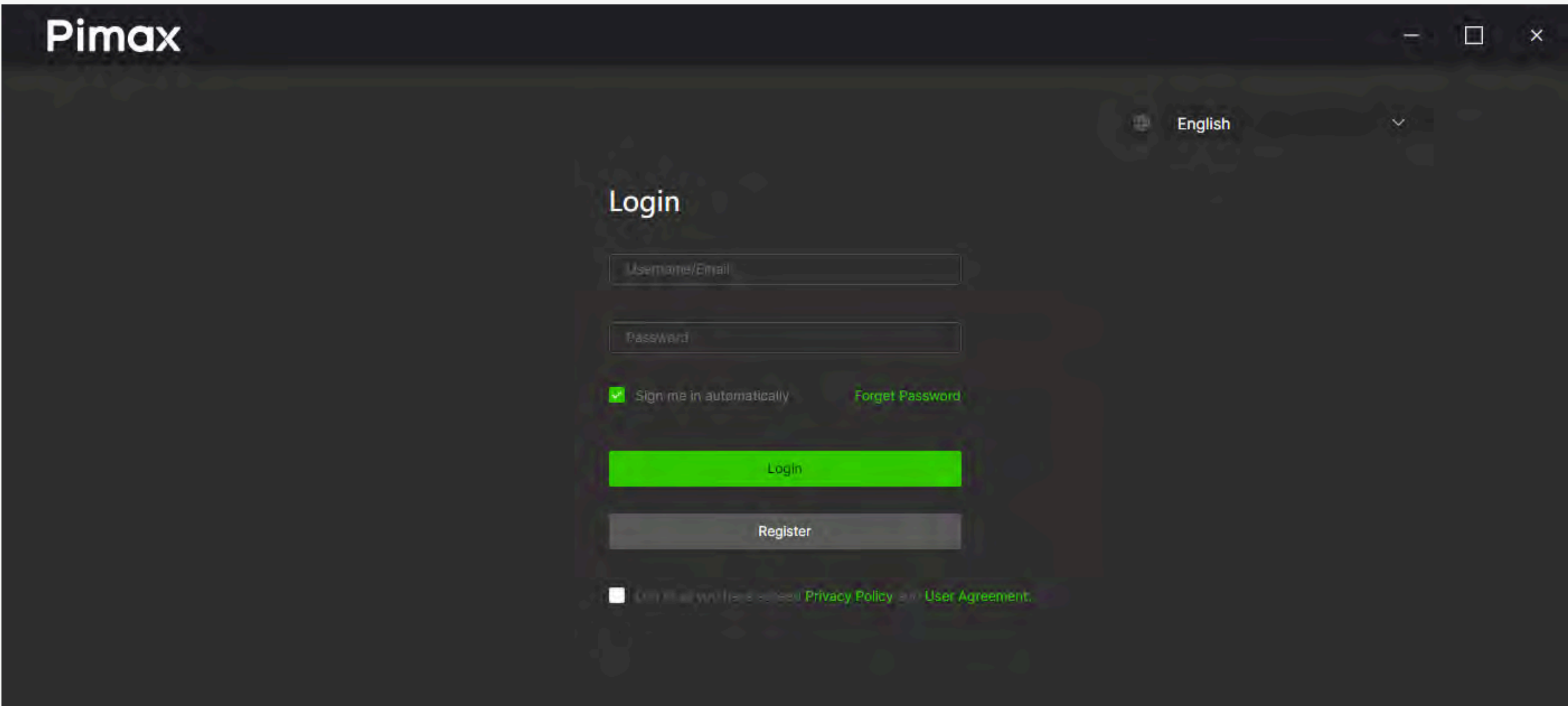
<https://pimax.com/pages/downloads-manuals>

Please ensure to download the Crystal Light version.

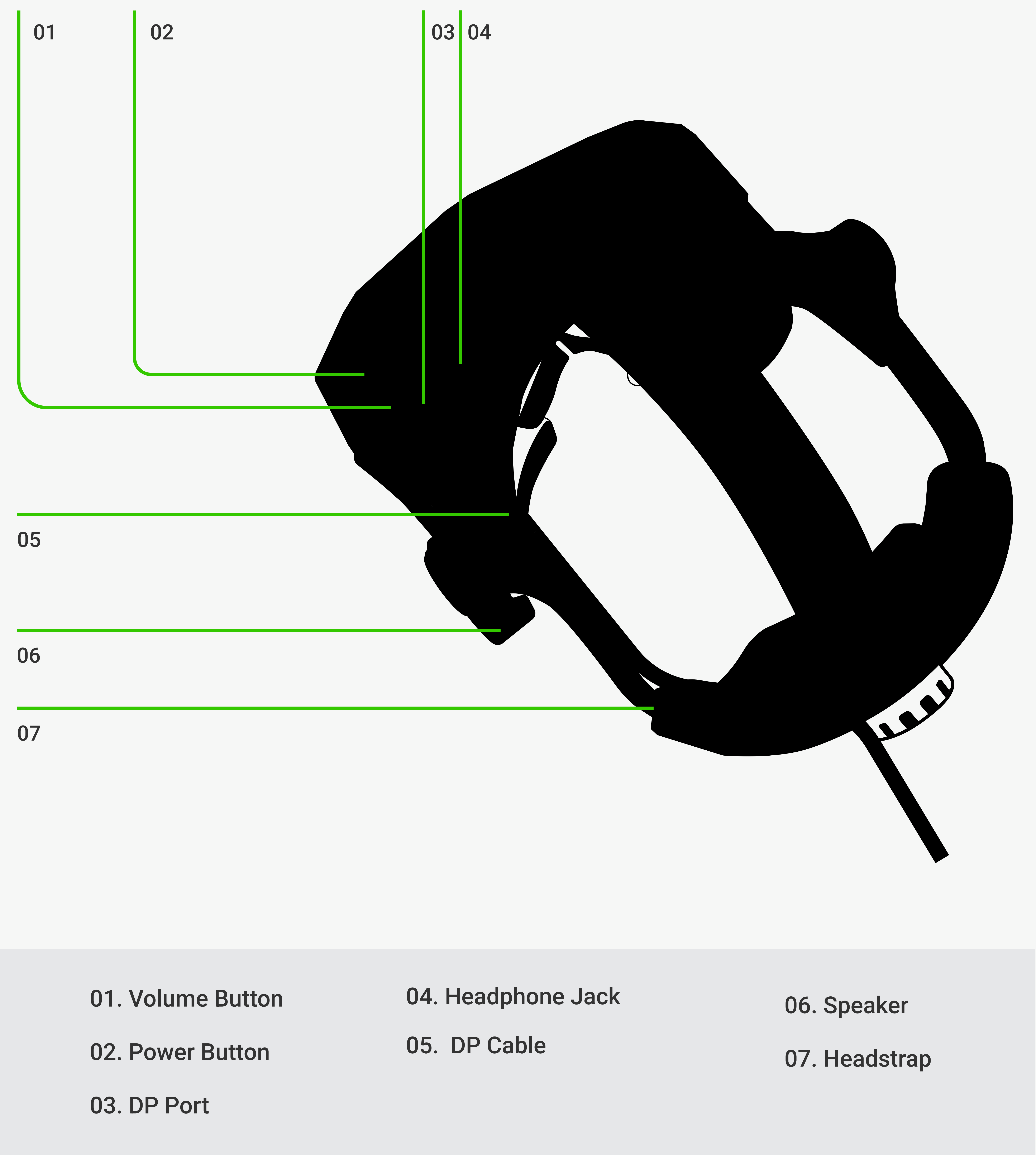
Step 2: Register Your Pimax Play Account



Step 3: Install OpenXR or OpenVR applications, such as SteamVR apps.



3.4. Product Details (PCVR)

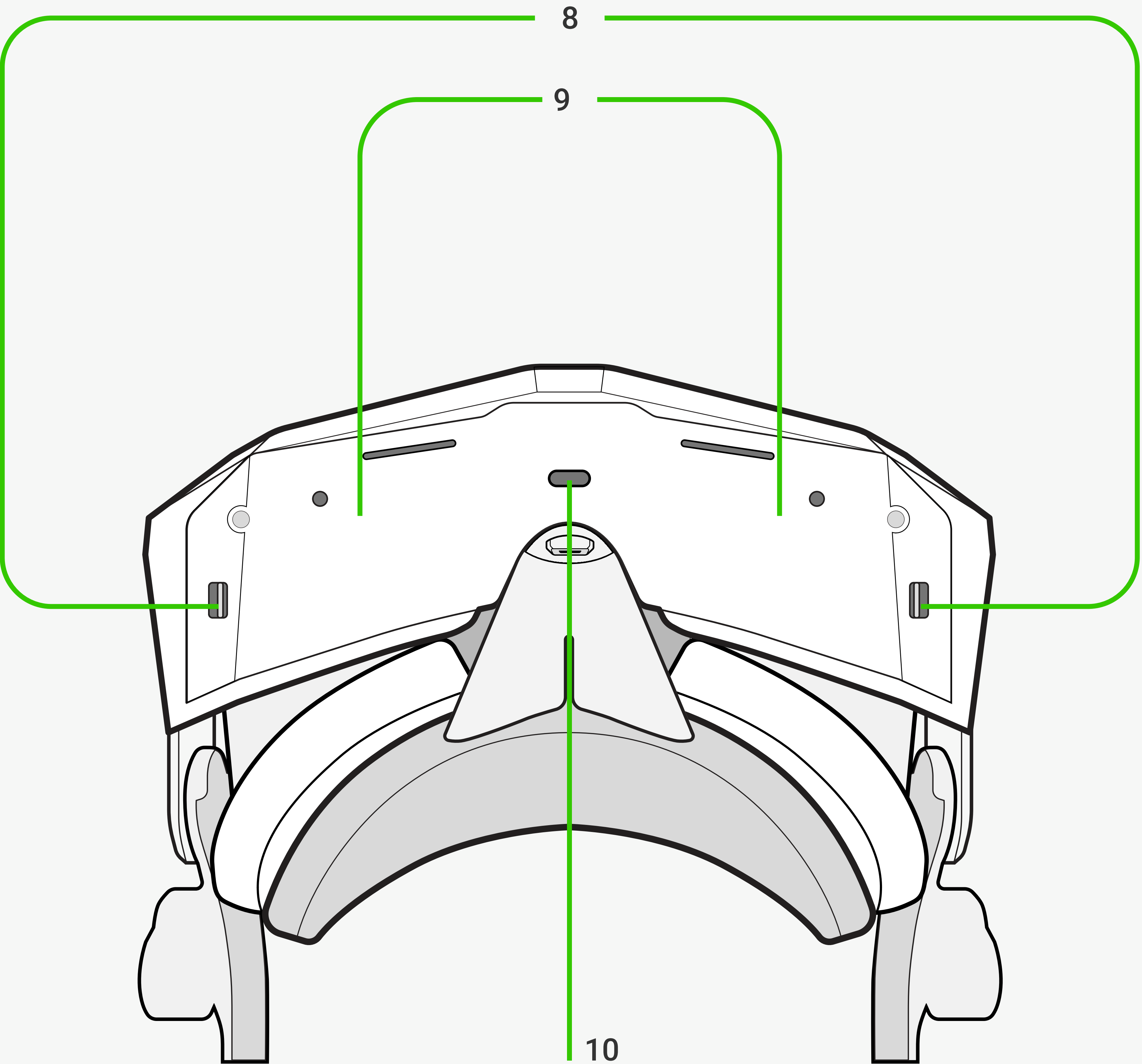


01. Volume Button
02. Power Button
03. DP Port

04. Headphone Jack
05. DP Cable

06. Speaker
07. Headstrap

3.4. Product Details (PCVR)

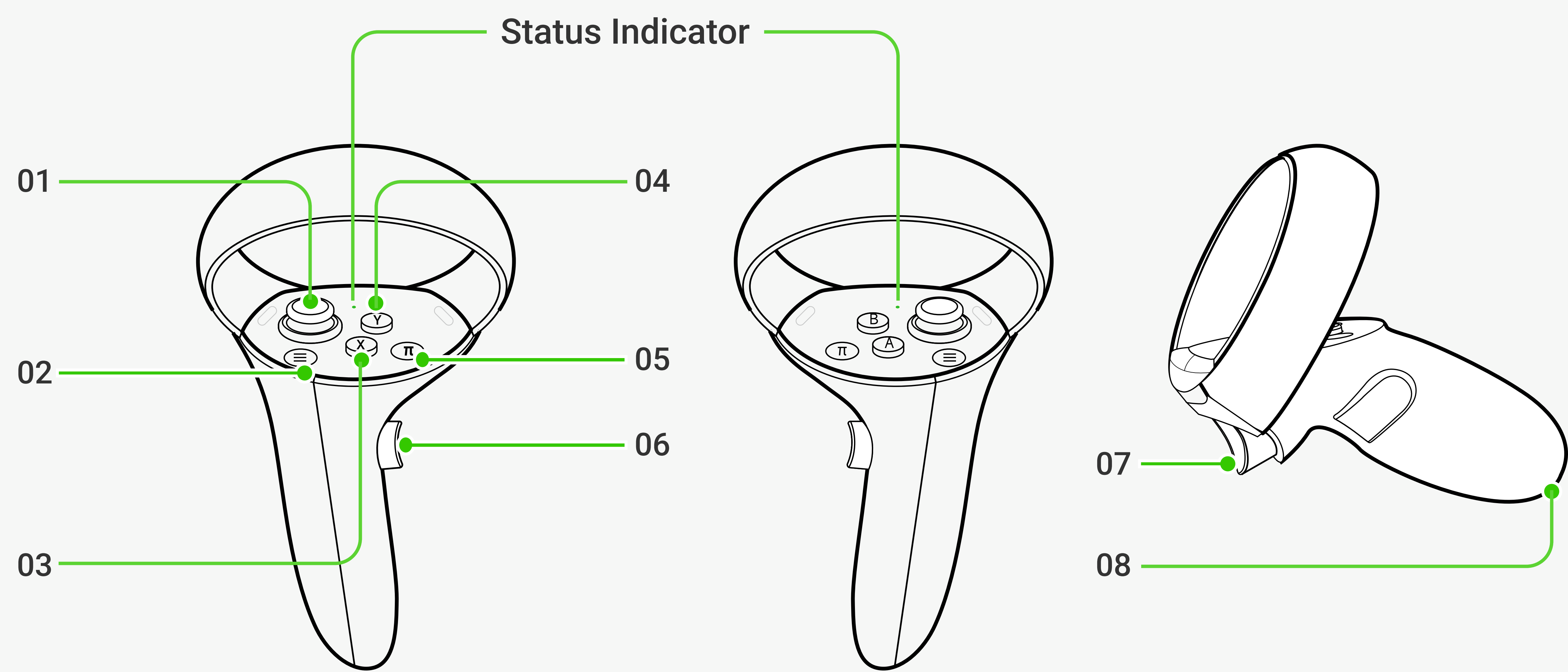


08. Optical Module Release Knob

09. Headphone Jack

10. Type-C Port

3.5. Controller Functionality And Controls



01. Joystick

Push: Turn Pages
Press Down: Confirm

02. Menu

03. X/A Button

Click: Confirm

04. Y/B Button

Click: Back

05. π Button

Hold: Grab

06. DP Button

Long Press (9s):
Reset/Initialization Of The Controller
After Reset, The Controller Will Vibrate Once.
Short Press (1s):
Turn On/Wake Up The Controller.

07. Trigger

Click: The Same As The A Button.

08. Type-C I/O

Controller Charging I/O

Controller Status Indicator Legend

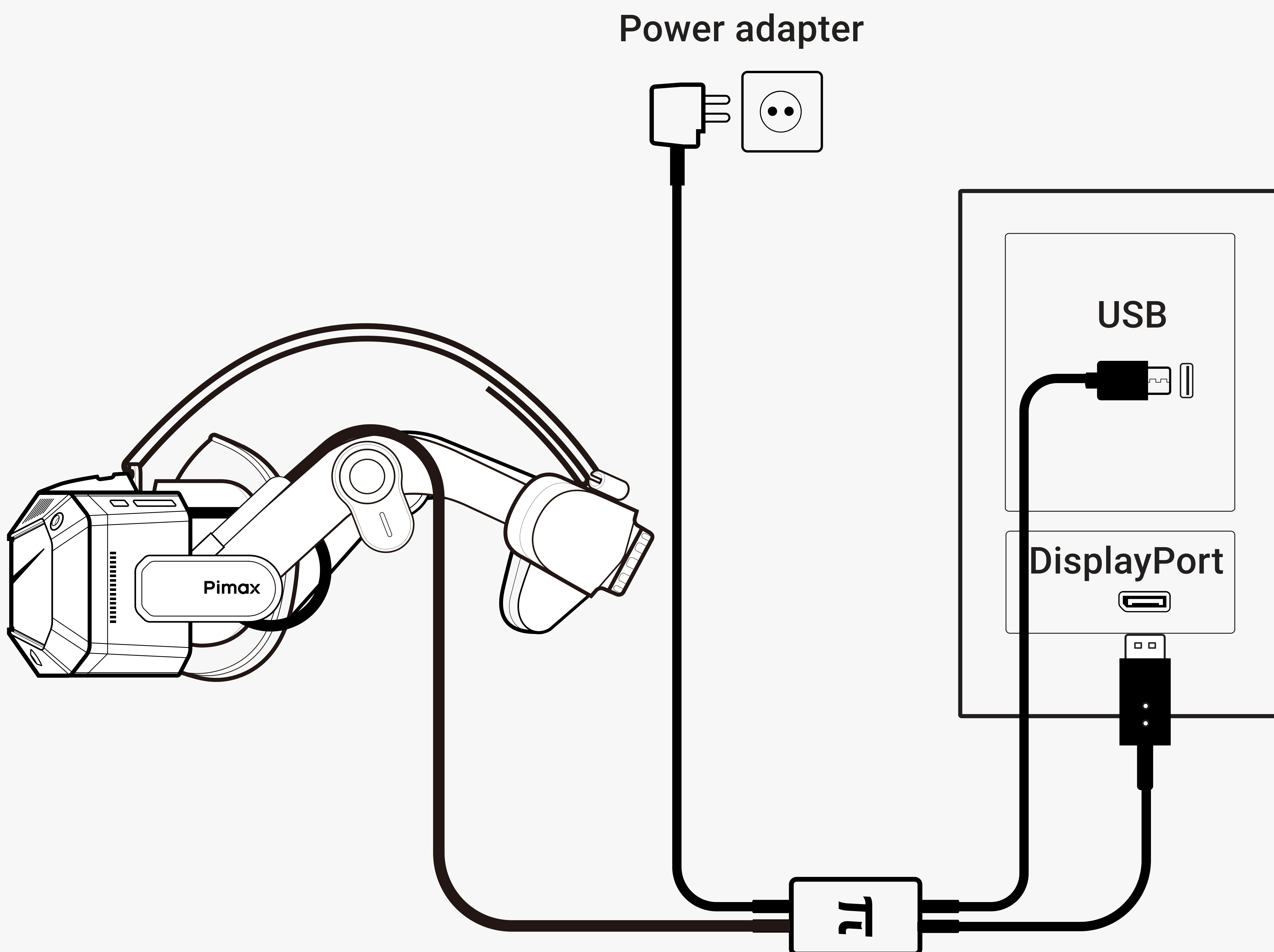
- Off: Connected or Powered off
- ⦿ Red flashing: Charging
- ⦿ Blue flashing: Searching for connection (Turn off after 60s)
- Green: Paired (Turn off after 30s)
- ⦿ Red flashing slowly: Low battery
- Blue: Cancel paired (Turn off after 60s)
- White: Charging complete
- ⦿ White flashing: Firmware update
- Yellow light: Paired to the PC, not connected to the base station (the light will turn off after 30s)

3.6. Connect To PC

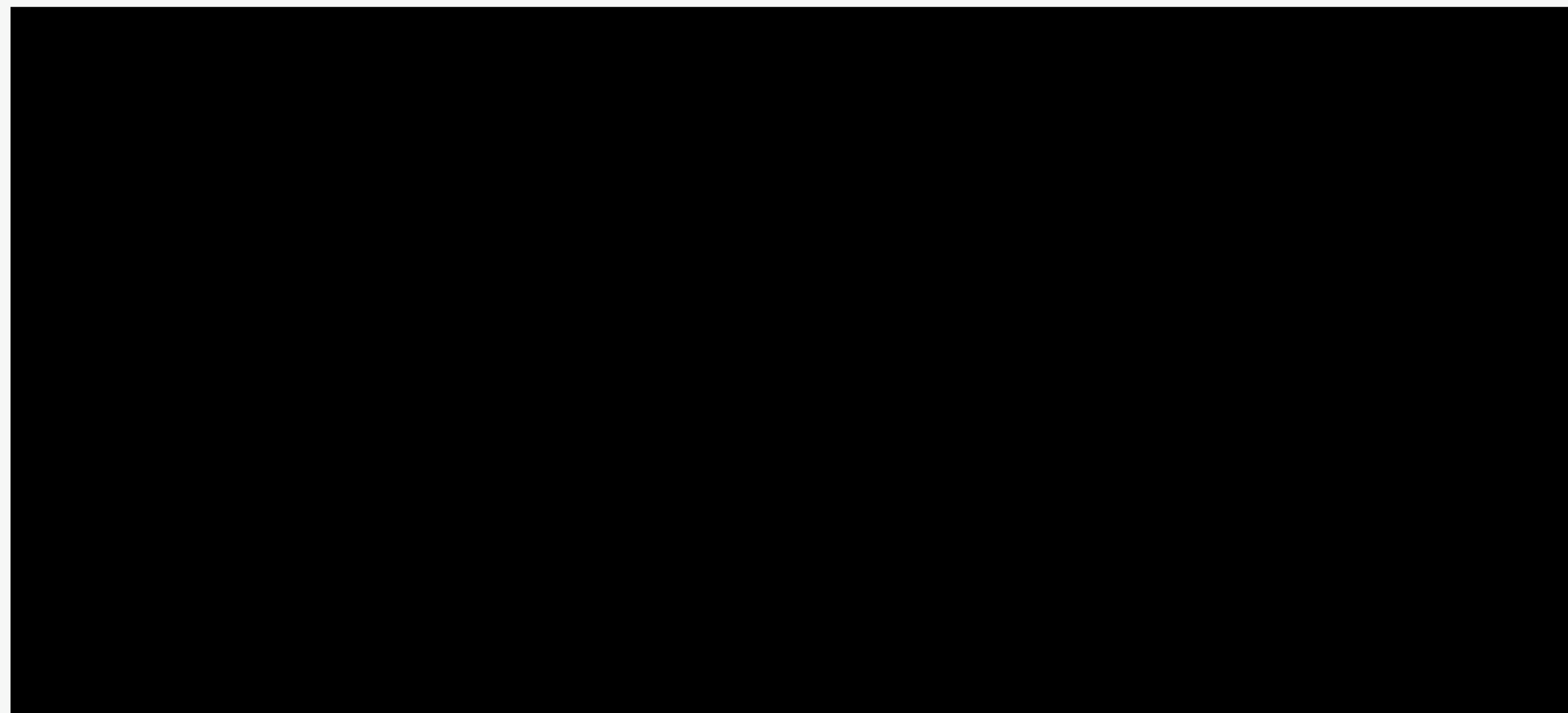
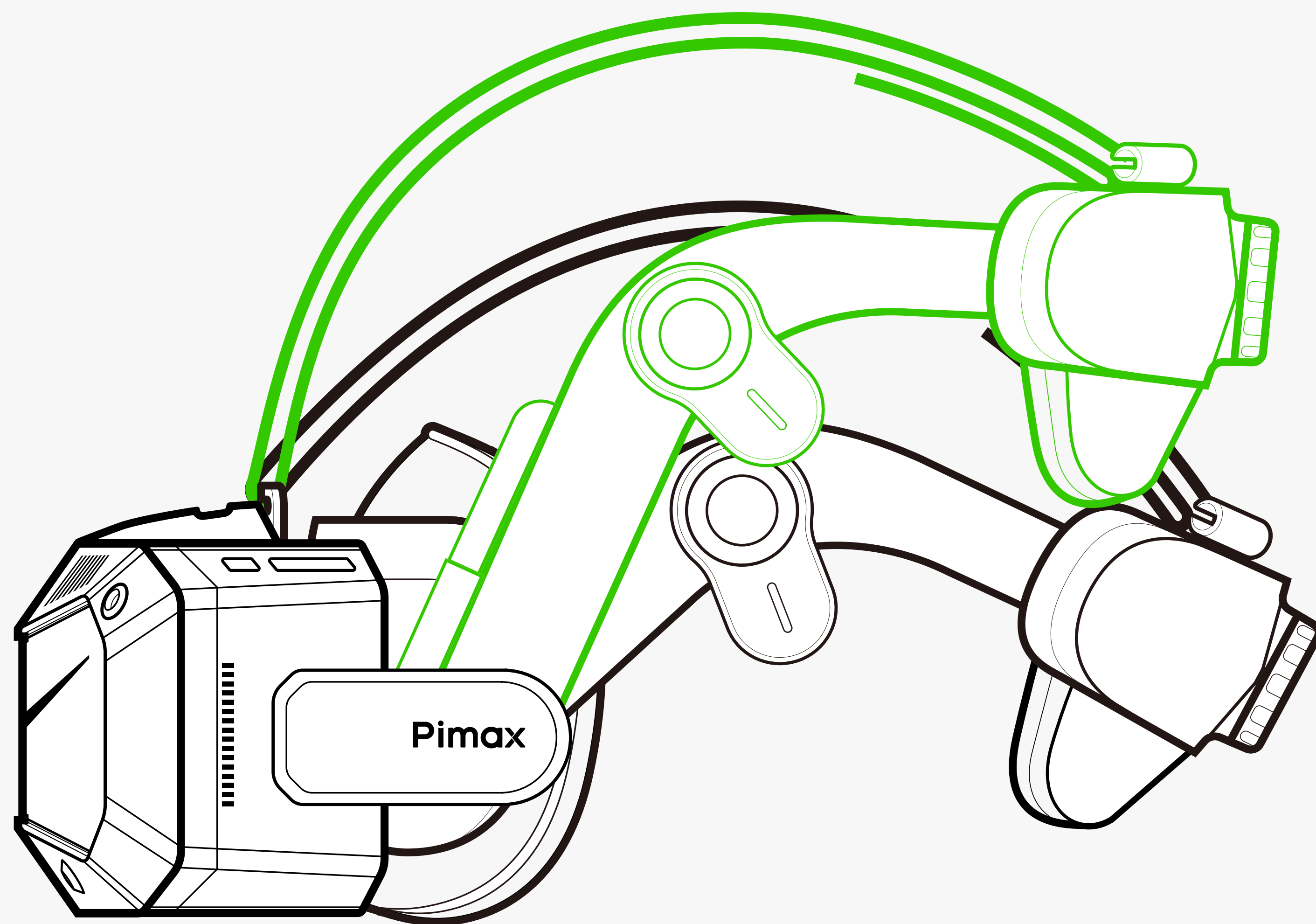
Step 1: Connect the DP cable. Put USB plugs into the USB of your PC, and the DP cable into the DisplayPort on your graphic card.

Step 2: Connect the power adapter to the DP cable.

Step 3: Pimax Logo lights up in your HMD.



3.7. How to Adjust the Headset for a Comfortable



CAUTION READ CAREFULLY

1. Do not forcibly move the lens cylinder to avoid damage.
 2. Please note that improper IPD may cause visual ghosting or eye fatigue. Accurate IPD settings help to obtain clear images and reduce eye fatigue.
-

3.8. Firmware Update Instructions

1. Open the Pimax Play software on your PC.
2. Navigate to "Device Settings -> Check for Updates."
3. The system will automatically check the current software and firmware version.
4. If a newer version is available on the server, it will prompt you to perform an update.



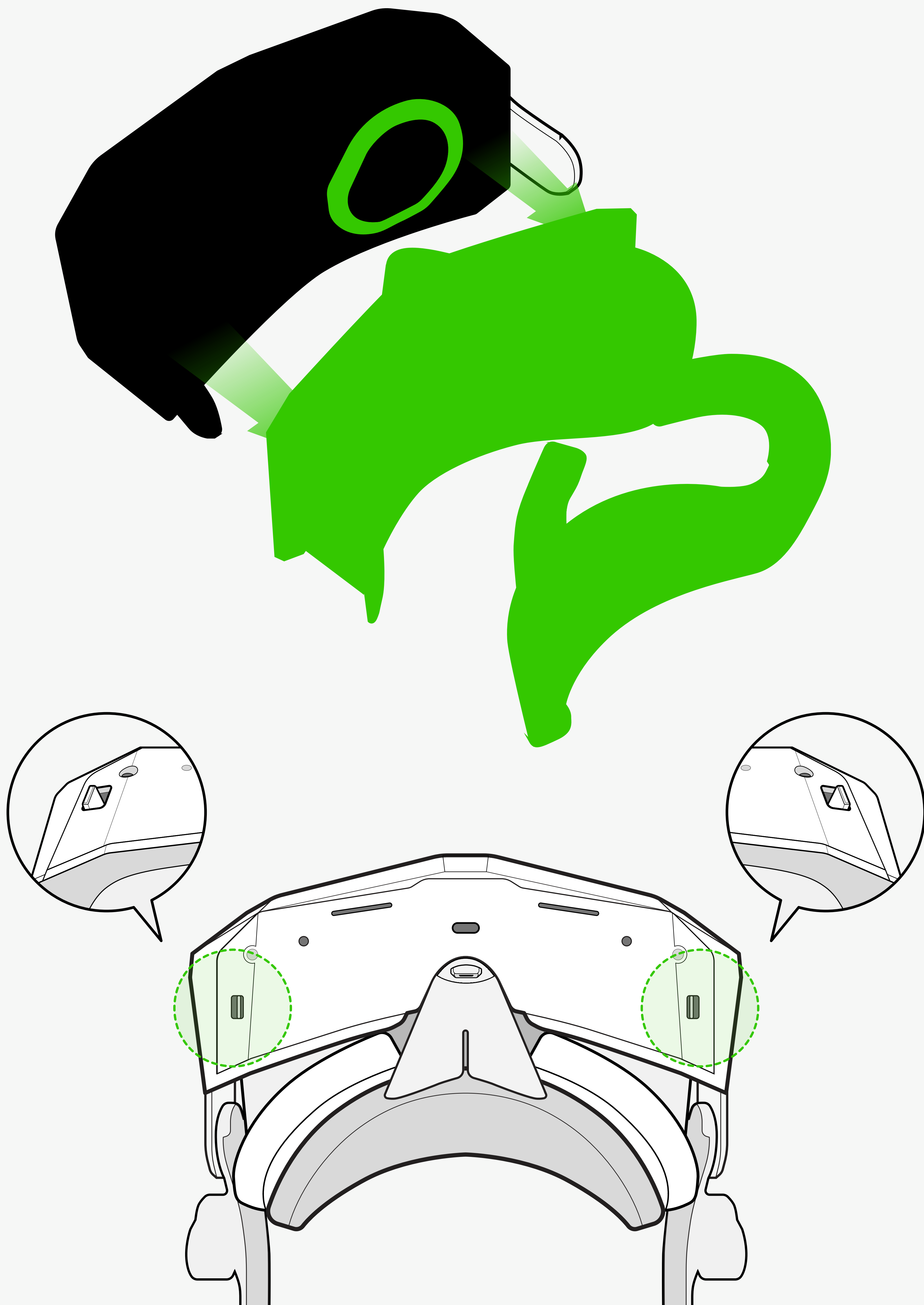
CAUTION READ CAREFULLY

1. Before updating the firmware, verify that the headset has sufficient power. Only proceed with the update if both have more than three battery lights.
 2. Do not unplug the USB cable or turn off the computer during the firmware update process.
-

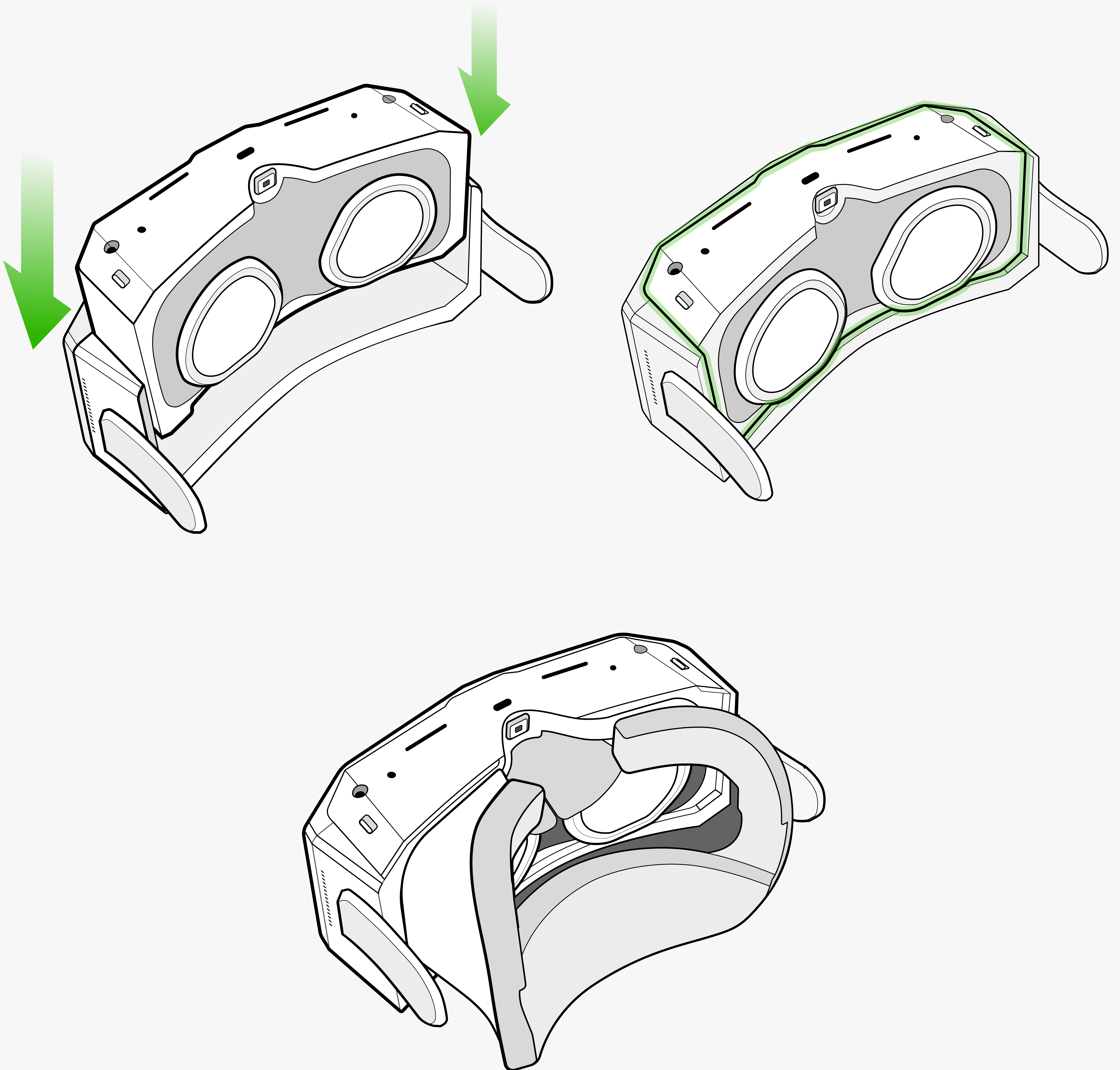
4. Parts Replacement

4.1. Optical Module Replacement

Step 1: Detach the foam and silicone face mask. Press the clasps inward and gently pull the optical module outward to remove it.



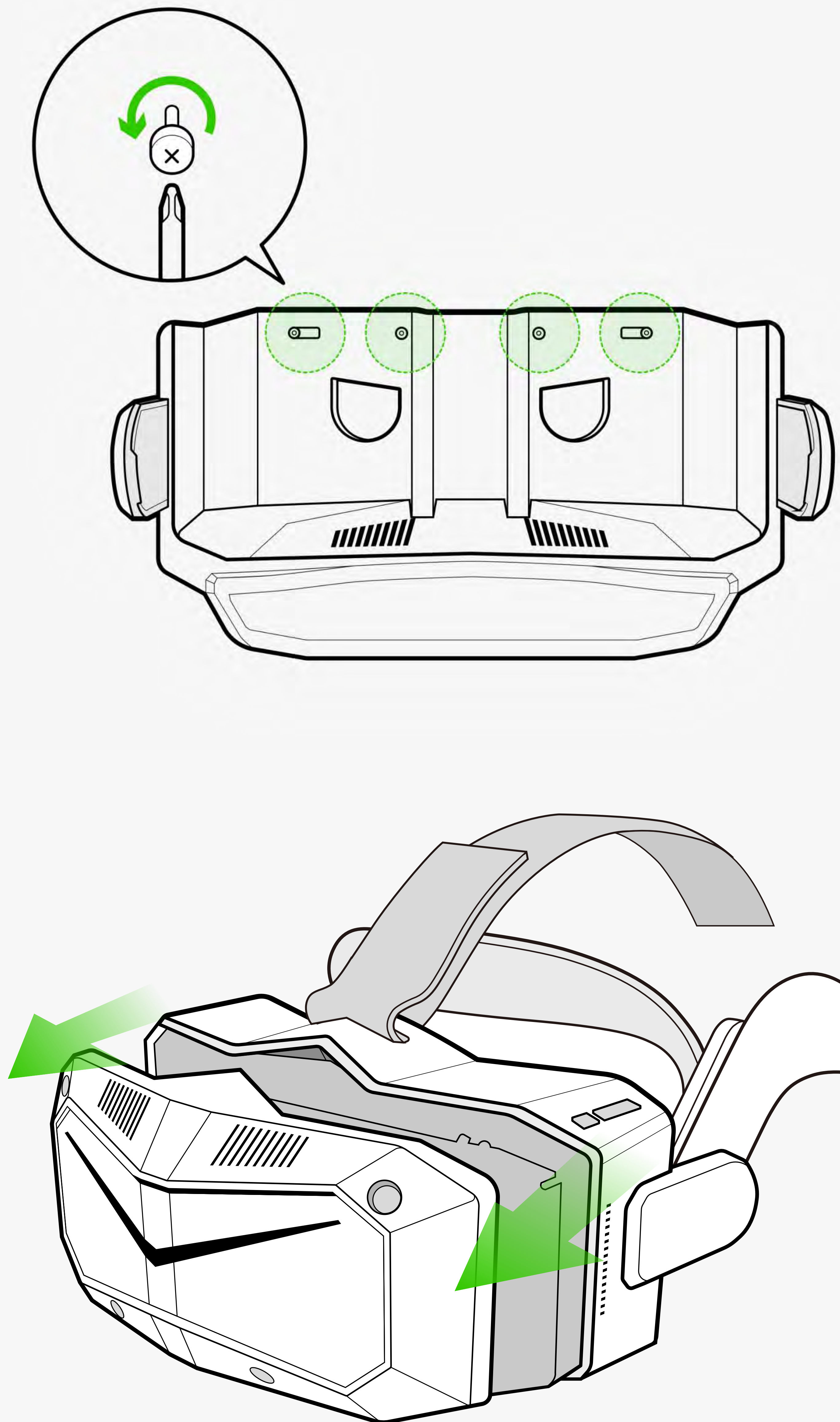
Step 2: Align the optical module and insert it until you hear a “click,” ensuring it sits flush with the device body. Reattach the foam and silicone face mask securely.



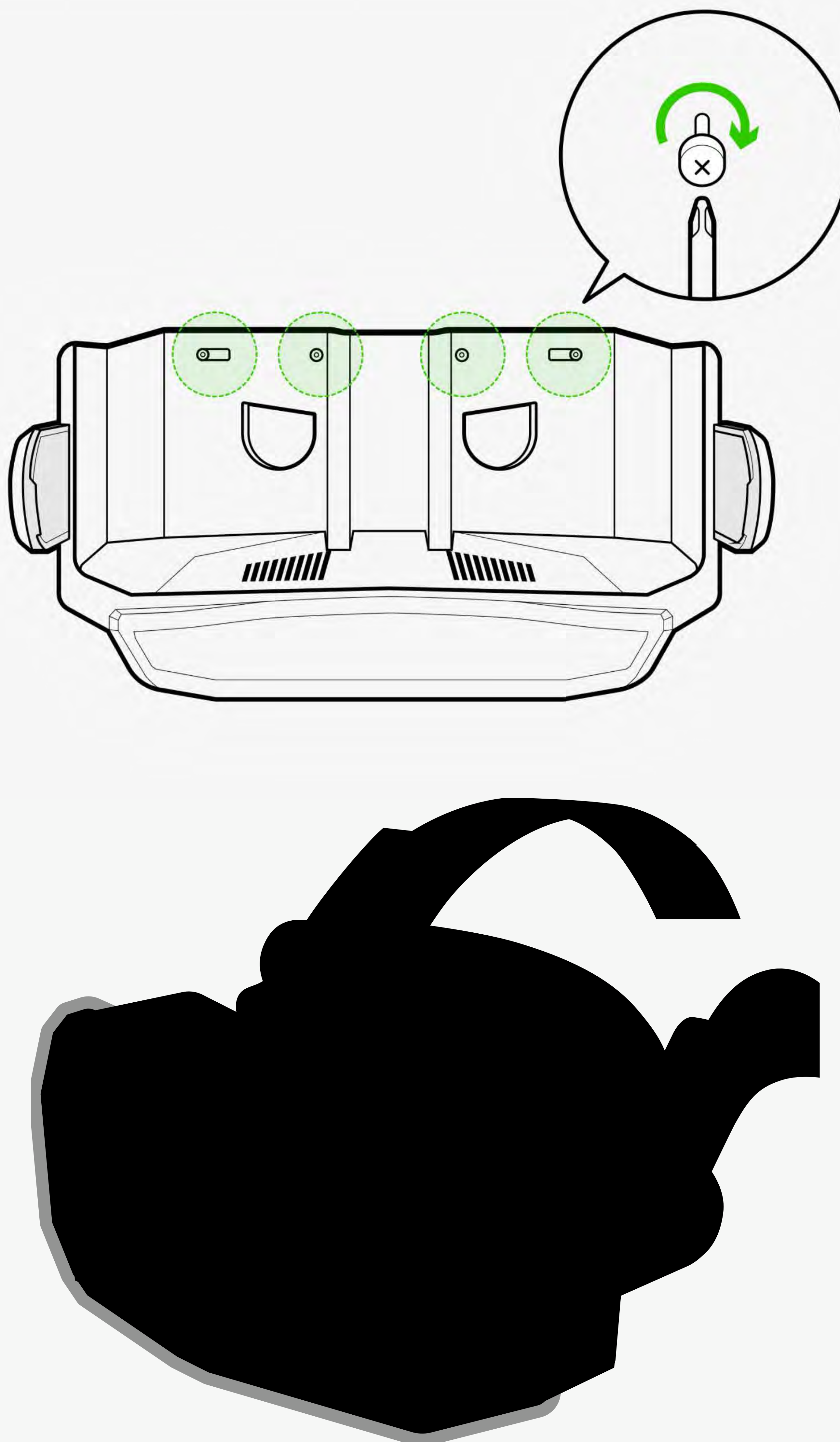
5. Faceplate Replacement

5.1. Faceplate Replacement

Step 1: Remove the cover.



Step 2: Install and fasten the new cover to be replaced according to the interface.



CAUTION READ CAREFULLY

When replacing the Cover, it is necessary to disconnect the power supply of the device, disconnect the DP cable and wear anti-static gloves.