

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Goovis](#) /
- › [GOOVIS G3X XR Head Mounted Display User Manual](#)

Goovis G3X

GOOVIS G3X XR Head Mounted Display User Manual

Model: G3X | Brand: Goovis

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your GOOVIS G3X XR Head Mounted Display. Please read it thoroughly before operating the device and retain it for future reference.



Image: Front view of the GOOVIS G3X XR Head Mounted Display, showcasing its sleek design.

2. WHAT'S IN THE BOX

Verify that all items are present in the packaging:

- GOOVIS G3X Head Mounted Display
- Carrying Bag
- USB-C to USB-C Cable
- Standard Headband
- Eye Relief Spacer
- Lens Cleaning Cloth
- User Manual (this document)

Inside the Box



- ① G3X
- ② Carrying Bag
- ③ USB-C to USB-C Cable
- ④ Standard Headband
- ⑤ Eye Relief Spacer
- ⑥ Lens Cleaning Cloth
- ⑦ User Manual

Image: All components included with the GOOVIS G3X, laid out for inspection.

3. SETUP AND ADJUSTMENTS

3.1 Wearing the Device

1. Attach the Standard Headband to the G3X unit.
2. Place the G3X on your head, ensuring the display unit rests comfortably over your eyes.
3. Adjust the headband for a secure yet comfortable fit. The device is designed to be lightweight (190g) for extended wear.

3.2 Diopter Adjustment

The G3X features individual diopter adjustment for each eye, ranging from +2.0D to -8.0D. This allows for clear viewing without prescription glasses.

1. While wearing the G3X, look at the display.

2. Rotate the diopter adjustment dials (located on the top of the headset) for each eye until the image appears sharp and clear.
3. If you need to wear your own prescription glasses, use the included Eye Relief Spacer to increase the distance between your eyes and the lenses.

3.3 Interpupillary Distance (IPD) Adjustment

The mechanical IPD adjustment ranges from 58mm to 74mm, allowing you to align the optical center with your eyes for optimal clarity.

1. Adjust the IPD sliders (located on the bottom of the headset) until the two images merge into one clear, comfortable view.

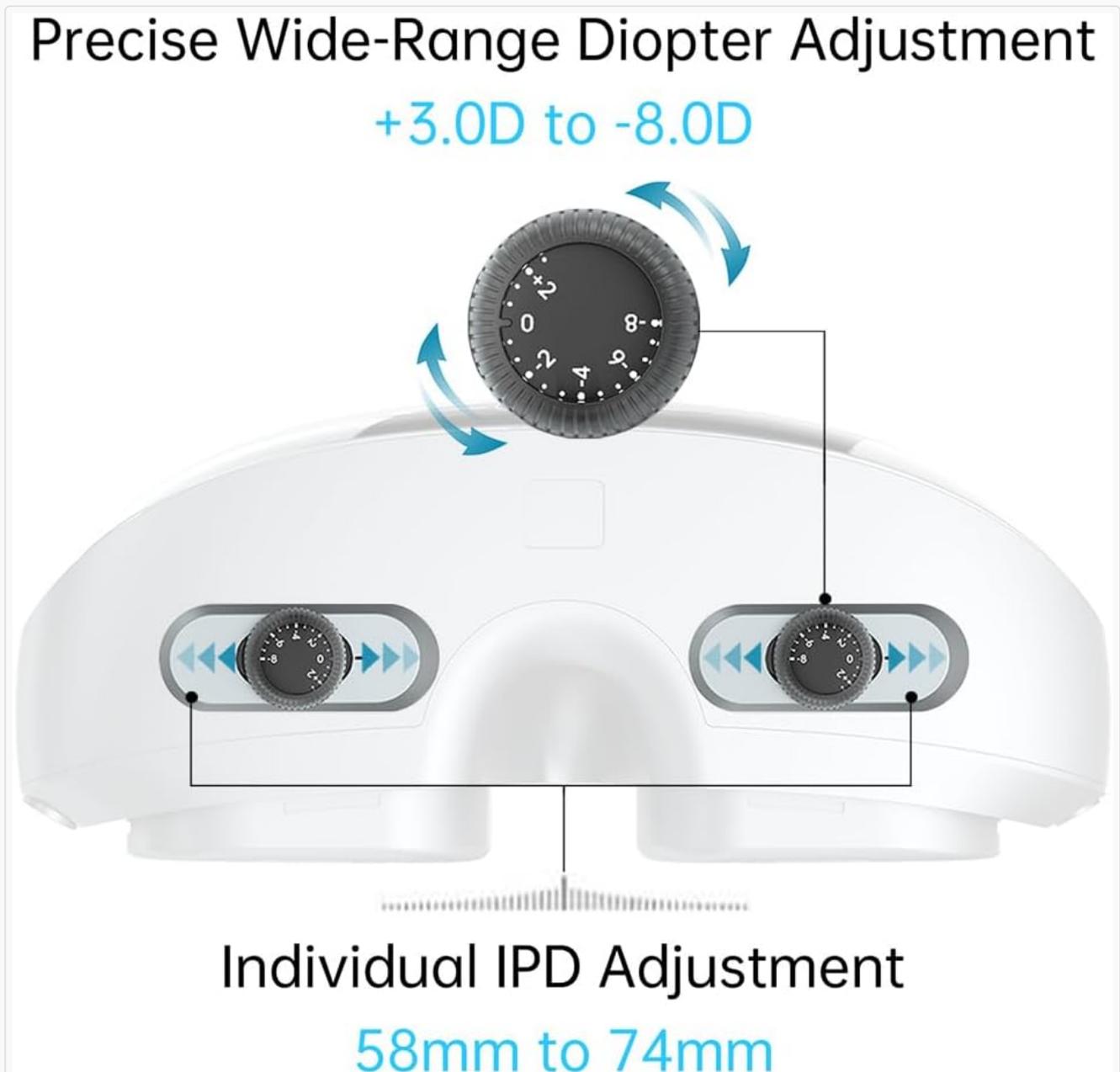


Image: Detailed view of the diopter adjustment dial and IPD sliders on the GOOVIS G3X.

4. OPERATING INSTRUCTIONS

4.1 Connecting to Devices

The G3X connects via a single USB-C cable for devices with USB-C video output (DP Alt Mode). For HDMI devices,

an optional GOOVIS HC2.0 adapter is required.

- **USB-C Connection:** Connect the provided USB-C to USB-C cable from the G3X to your compatible device (e.g., iPhone 15/16, iPad, MacBook, Steam Deck, ROG Ally, Android phones, DJI drones).
- **HDMI Connection (via adapter):** For devices like PCs, PS5, cameras, or Blu-ray players, connect the G3X to a GOOVIS HC2.0 adapter (sold separately), then connect the adapter to your HDMI source.



Image: Visual representation of the GOOVIS G3X connecting to a wide range of devices.

4.2 Dual Viewing Modes

The G3X offers two viewing modes, easily switchable with its magnetic face pad design:

- **Immersive Mode:** Attach the magnetic face pad to block external light, providing a fully immersive visual experience.
- **Open-View Mode:** Remove the magnetic face pad to maintain peripheral awareness of your surroundings while viewing the display.

Two Viewing Modes One Seamless Experience



Face Pad Off for Open Peripheral Vision



Face Pad On for Full Visual Immersion

Image: Illustration of the two viewing modes: with the face pad for full immersion and without for environmental awareness.

4.3 3D Viewing

The G3X supports immersive 3D effects for compatible Side-by-Side (SBS) 3D format videos or games. A one-click switch activates 3D mode.

- Ensure your media source is playing a Side-by-Side 3D format.
- Locate the 3D switch button on the G3X and press it to activate 3D viewing.

5. KEY FEATURES

5.1 Display Technology

The G3X is equipped with dual 1080p Sony Micro-OLED panels and a proprietary ASPH optical system, delivering an 800-inch virtual screen experience from 20 meters (65 feet). It offers a 113% sRGB color gamut and less than 1.5% distortion for consistent visual fidelity.

Visual Excellence, the GOOVIS Way



G3X



- Cinematic Center-Seat Perspective

Image: The GOOVIS G3X simulating a cinematic center-seat perspective with a large virtual screen.

5.2 Eye Comfort

Designed for extended use, the G3X incorporates DC dimming technology to reduce flicker and protect eyes during prolonged viewing. Its lightweight design and multi-point wearing structure minimize pressure points.

Built for Long-Lasting Eye Comfort

DC dimming meets low blue light emission
for visual relief

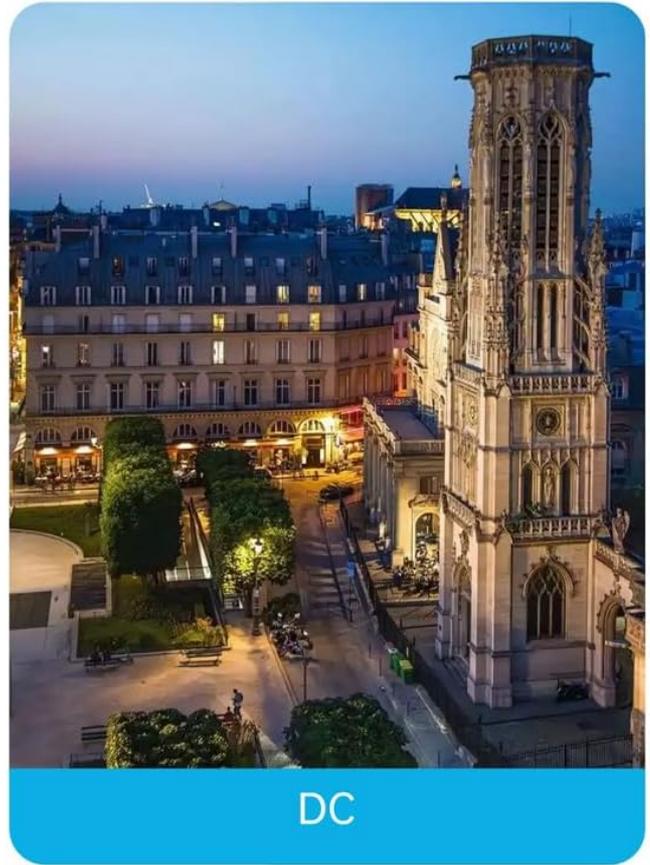
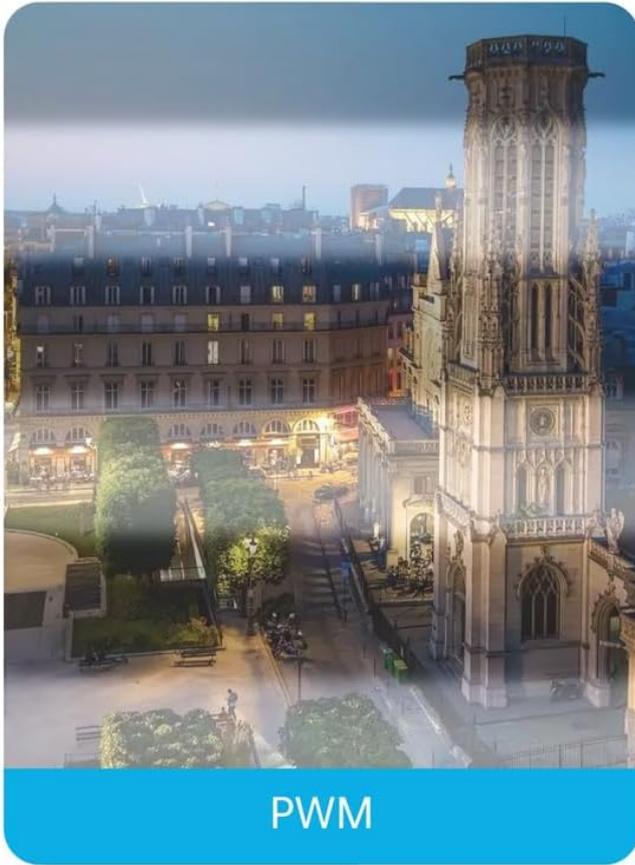


Image: A visual comparison demonstrating the benefits of DC dimming over PWM for eye comfort.

5.3 Audio

The G3X includes a built-in stereo sound unit for spacious audio. For private listening, external headphones can be connected to your source device.

Built-in Stereo Sound Unit for Spacious Audio



Image: A user enjoying content with the GOOVIS G3X, highlighting the built-in stereo sound.

6. MAINTENANCE

6.1 Cleaning the Lenses

Use the provided lens cleaning cloth to gently wipe the optical lenses. Do not use abrasive materials or chemical cleaners, as these can damage the lens coating.

6.2 Cleaning the Device

Wipe the exterior of the G3X with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by a dry cloth. Avoid getting moisture into any openings.

6.3 Storage

When not in use, store the G3X in its carrying bag to protect it from dust and scratches. Avoid exposing the device to extreme temperatures or direct sunlight.

7. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------|---|---|
| No image on display | Incorrect connection; Device not powered; Source device not outputting video. | Ensure USB-C cable is securely connected. Verify source device is on and configured for video output. If using HDMI, ensure HC2.0 adapter is correctly connected and powered. |
| Image is blurry | Diopter or IPD not adjusted correctly. | Adjust the diopter dials for each eye and the IPD sliders until the image is clear. |
| No 3D effect | 3D mode not activated; Source media not in SBS 3D format. | Press the 3D switch button on the G3X. Confirm your media is in a Side-by-Side 3D format. |
| No sound | Volume too low; Source device audio output issue. | Increase volume on the G3X or your source device. Check audio settings on your source device. |

If you encounter issues not listed here, please refer to the support section.

8. SPECIFICATIONS

- **Model:** GOOVIS G3X
- **Display:** Dual 1080p Sony Micro-OLED
- **Virtual Screen Size:** 800 inches (viewed from 20m/65ft)
- **Field of View (FOV):** 52 Degrees
- **Diopter Adjustment:** +2.0D to -8.0D (individual per eye)
- **IPD Adjustment:** 58mm to 74mm (mechanical)
- **Color Gamut:** 113% sRGB
- **Distortion:** Less than 1.5%
- **Connectivity:** USB-C (DP Alt Mode), HDMI (via optional HC2.0 adapter)
- **Compatible Devices:** iPhone 15/16, iPad, MacBook, Steam Deck, ROG Ally, Android phones, DJI drones, PC, PS5, cameras, Blu-ray players.
- **Operating System Compatibility:** Android, iOS
- **Dimensions:** 6.7 x 3.1 x 5.9 inches (Product)
- **Weight:** 2.31 pounds (Item)
- **Manufacturer:** GOOVIS

9. WARRANTY AND SUPPORT

9.1 Warranty Information

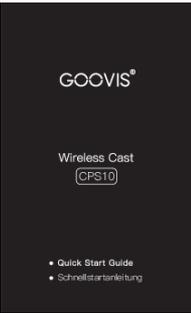
The GOOVIS G3X XR Head Mounted Display comes with a manufacturer's warranty. Please refer to the warranty card included in your packaging or visit the official GOOVIS website for detailed terms and conditions.

9.2 Customer Support

For technical assistance, troubleshooting, or product inquiries, please contact GOOVIS customer support through their official website or the contact information provided in your product documentation.

© 2025 Goovis. All rights reserved.

Related Documents - G3X

| | |
|---|--|
|  <p>Cinego (GOOVIS G2) Quick Start Guide</p> | <p>GOOVIS G2 Quick Start Guide: Setup, Features, and Specifications</p> <p>Comprehensive quick start guide for the GOOVIS G2 VR headset. Learn how to set up, adjust vision, connect devices, watch movies, and understand specifications and warranty information.</p> |
|  <p>GOOVIS®</p> <p>Wireless Cast CPS10</p> <p>• Quick Start Guide • Schnellstartanleitung</p> | <p>GOOVIS Wireless Cast CPS10: Quick Start Guide & User Manual</p> <p>Comprehensive guide for the GOOVIS Wireless Cast CPS10, detailing setup, wireless screen mirroring for iOS, Android, macOS, and Windows, specifications, and safety. Connect your devices seamlessly to larger displays.</p> |
|  <p>Cinego (GOOVIS G2) Quick Start Guide</p> | <p>GOOVIS G2 Quick Start Guide: Setup, Features, and Specifications</p> <p>Comprehensive quick start guide for the GOOVIS G2 VR headset. Learn how to set up, adjust vision, connect devices, watch movies, and understand specifications and warranty information.</p> |
|  <p>Hobbywing XeRun XR10 PRO G3/G3X ESC Team Setup Sheet</p> | <p>Hobbywing XeRun XR10 PRO G3/G3X ESC Team Setup Sheet</p> <p>Detailed setup sheet for the Hobbywing XeRun XR10 PRO G3/G3X Electronic Speed Controller (ESC), covering general settings, throttle control, brake control, timing, and configuration parameters for RC vehicles.</p> |

GARMIN

G3X™/G3X Touch™
Avionics Installation
Manual



[Garmin G3X™/G3X Touch™ Avionics Installation Manual](#)

Comprehensive installation manual for Garmin's G3X and G3X Touch avionics systems, detailing component integration, wiring, and setup for aircraft.

GOOVIS®

Wireless Cast
CPS10

- Quick Start Guide
- Schnellstartanleitung

[GOOVIS Wireless Cast CPS10: Quick Start Guide & User Manual](#)

Comprehensive guide for the GOOVIS Wireless Cast CPS10, detailing setup, wireless screen mirroring for iOS, Android, macOS, and Windows, specifications, and safety. Connect your devices seamlessly to larger displays.