

RayNeo

Pioneer in Consumer AR/XR Technology



About RayNeo Co., Ltd.

RayNeo Co., Ltd., established in 2021, is a leader in AR innovation incubated by TCL Electronics (1070.HK), developing the world's most revolutionary AR consumer hardware, software, and applications that have won international recognition.

RayNeo specializes in developing AR technologies with industry-leading optics, display, algorithms, and device manufacturing. The company is committed to creating a world-class consumer AR ecosystem, providing users with top-notch AR products and services.

At CES 2023, RayNeo debuted the world's first full-color Micro-LED optical waveguide AR glasses X2, achieving several technological breakthroughs in the AR industry and earning multiple "Best of CES" media awards. Its innovative consumer XR glasses, NXTWEAR S, has claimed the Best Connected Consumer Device Award at the MWC's Global Mobile Awards (GLOMO) 2023, with its NXTWEAR S winning IDG's "Most Innovative Product" award.

In 2022, RayNeo became the No. 1 market share holder in China's online consumer AR glasses industry, holding 28.4% market share, according to third-party research firm iResearch Consulting.

RayNeo Air 2

Introduction



RayNeo Air 2 is the ultra-light extended reality (XR) glasses, delivering an unparalleled comfortable and crystal-clear viewing experience through an expansive virtual screen in front of user's eyes. The next-generation XR glasses boast exceptional compatibility with smartphones, game consoles and laptops to create immersive cinematic audiovisual pleasure for you anywhere, anytime.

Designed for optimal comfort, RayNeo Air 2 provides a customized wearing experience tailored to users' specifications. Weighing only 76g, it sets a new standard for display quality and wearability. Harnessing Sony's next-generation low-power Micro OLED display, the XR glasses feature a 46° FOV, 49 PPD and a blazing-fast 120Hz refresh rate for seamless gameplay. A unique "whisper mode" creates a truly immersive and private viewing experience. Whether enjoying cinematic viewing, working, or diving into gaming adventures, it unlocks the full potential of extended reality.

Together with an all-in-one Switch adapter, it transforms your Nintendo Switch into an immersive powerhouse. Enjoy larger-than-life gaming on a stunning huge screen, free yourself from uncomfortable positions, and bid farewell to battery anxiety. With seamless connectivity and a chic, starship-inspired design.



Ultra-comfy. Ultra-vibrant.
RayNeo Air 2

RayNeo Air 2 XR Glasses - Portable Giant Screen for Entertainment

Next-level ergonomic design improves significantly on comfortableness
76g lightweight makes it a daily-use XR glasses

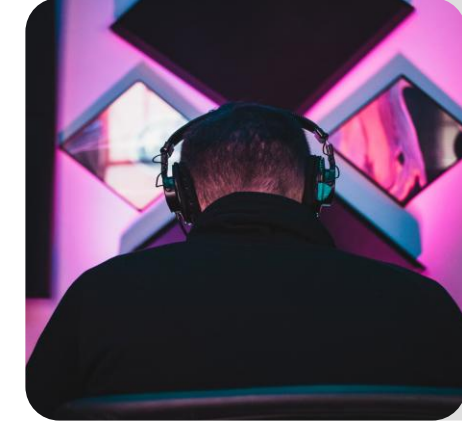


Stylish & Comfort

76g, FOV46, 120Hz, adjustable arms, superior ergonomic design.



201-inch Massive Screen at 6 meters



Sony Flagship Micro-OLED Display



Dynamic Stereo Sound with Whisper Mode for Privacy



120Hz Refresh Rate



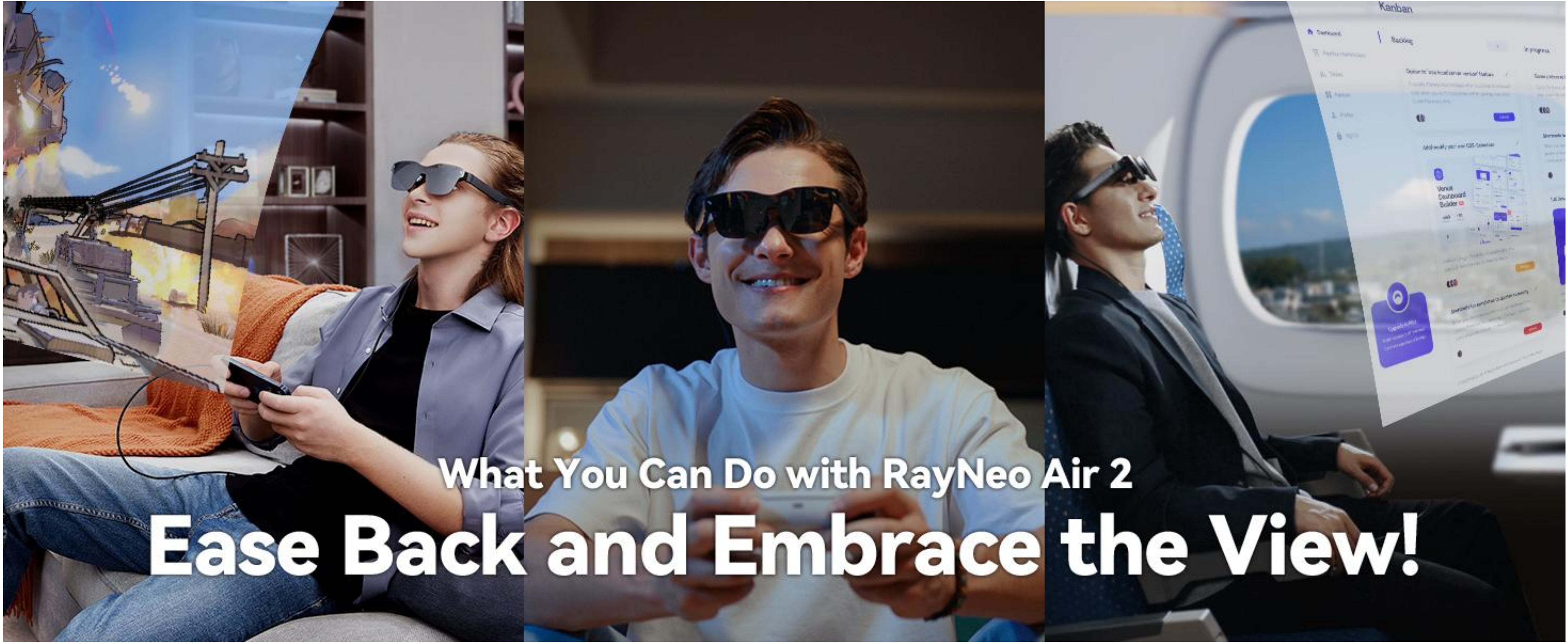
Ultra-lightweight, Customizable Ergo Design for Comfort



Industry-leading Eye Comfort

RayNeo Air 2

Core Values : Big Screen Everywhere, Everytime!



What You Can Do with RayNeo Air 2

Ease Back and Embrace the View!

Home Cinema

Immersive Gaming

Private Viewing

RayNeo Air 2

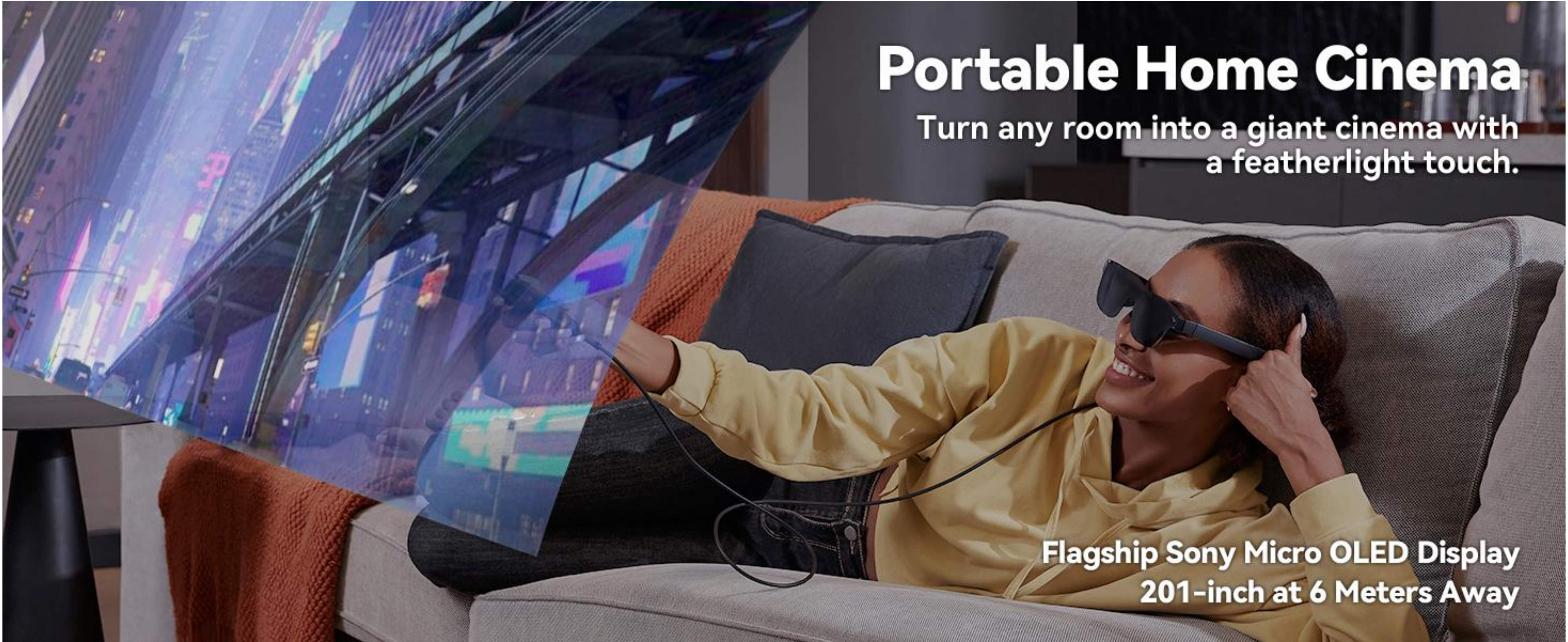
201-inch Massive Screen at 6 meters

RayNeo

Portable Home Cinema

Turn any room into a giant cinema with
a featherlight touch.

Flagship Sony Micro OLED Display
201-inch at 6 Meters Away



RayNeo Air 2

Sony Flagship Micro-OLED Display

Ultra-Vibrant Crystal-Clear Sony Micro OLED Display

It's not just a display; it's a gateway to a world of stunning clarity and color!



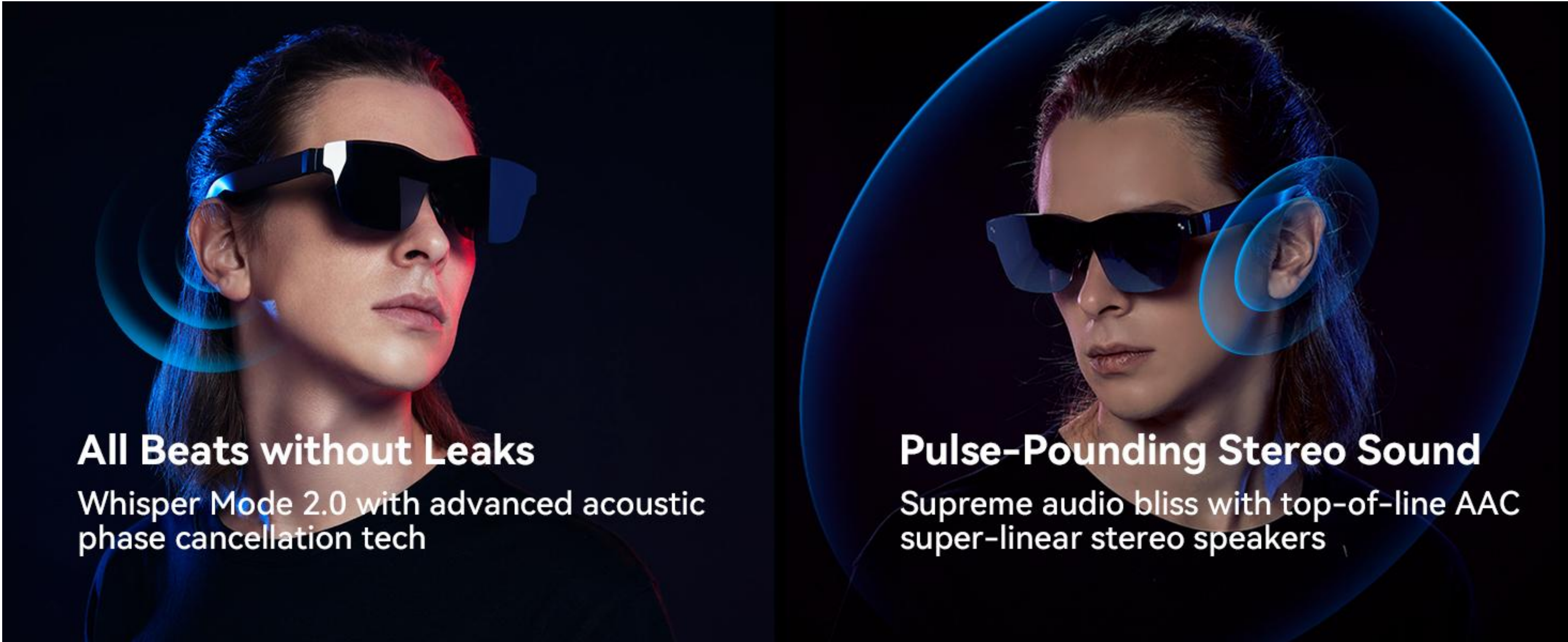
600nits
Max. Brightness

10 Levels
Smooth Dimming

>0.8
MTF

49
PPD

RayNeo Air 2 Dynamic Stereo Sound with Whisper Mode for Privacy



All Beats without Leaks

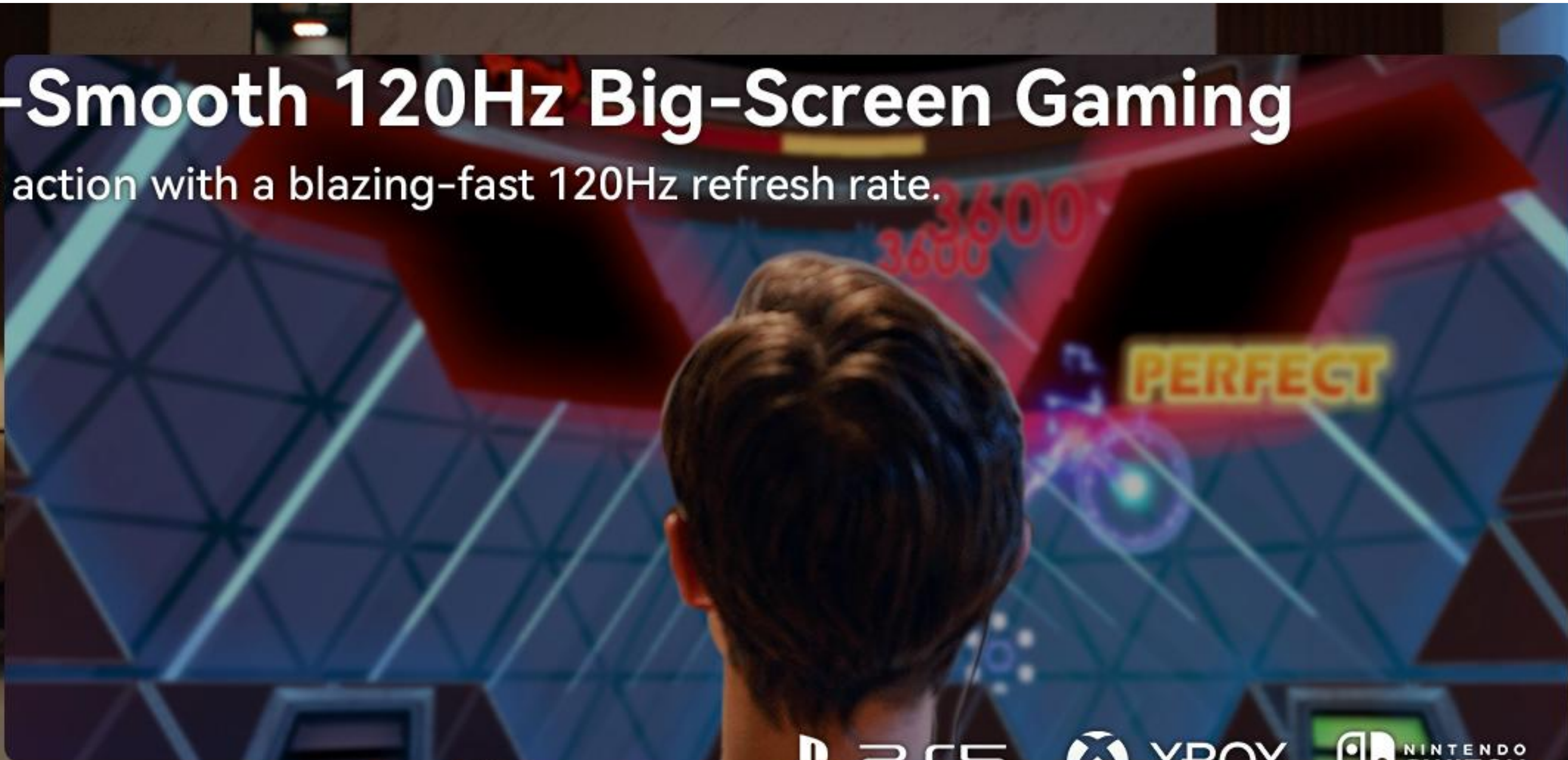
Whisper Mode 2.0 with advanced acoustic phase cancellation tech

Pulse-Pounding Stereo Sound

Supreme audio bliss with top-of-line AAC super-linear stereo speakers

Ultra-Smooth 120Hz Big-Screen Gaming

Leap into action with a blazing-fast 120Hz refresh rate.





Style and Comfort in One Frame

Ultra-light Comfort with 9 Adjustable Temple and Nose Pad Positions

TÜV Rheinland Certified Comfort for Endless Exploration

Experience immersive visuals without compromise, knowing your eyes are shielded from strain and fatigue.




Low Blue Light


Flicker-free


Eye Comfort

RayNeo Air 2

Prescription Lens Solution

RayNeo



lensology
Your frames, our lenses

**Thoughtfully Catering to
Myopic Individuals**

Order Prescription Lens from Our Official Partner

Use Cases for RayNeo Air2

You can enjoy an immersive, high-quality, extended screen anywhere & anytime

It's a giant TV in your pocket.



Immersive watching experience

Enjoy a cinema-like audiovisual experience at home, in the office, on your way, during camping, or anywhere.

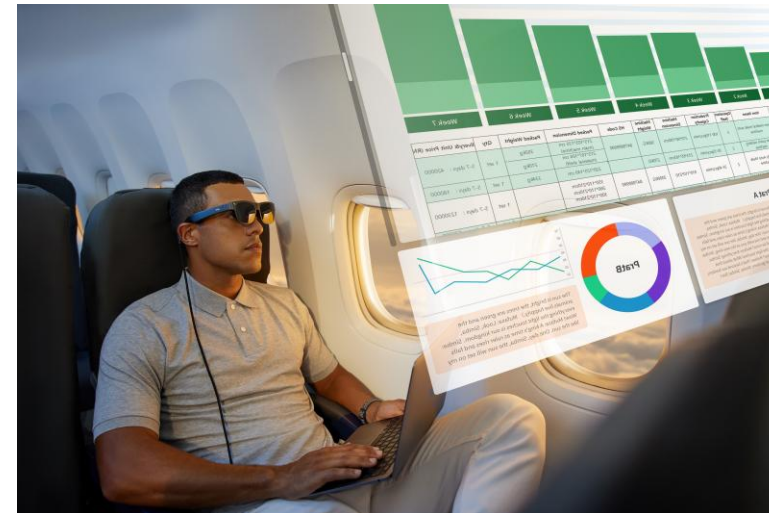
It's your best partner for consoles.



Massive high-quality screen for console gamers

Interact with game consoles like Steam Deck, Switch, and PlayStation, directly or via an HDMI adaptor.

It's your productivity and privacy during trips.



Plug & play, mobile office anytime, anywhere

Simply connect to your laptop for efficient mobile office experiences. Only you can see what you type with the private screen setup.

FPV offers you perfect piloting.



FPV friendly

First-person-view immersive drone flying experience

It works incomparably in limited space.



Smart drive-in cinema

Plug-in to vehicles featuring Type-C DisplayPort to get on board a cinematic journey

*Compatible external device must have DisplayPort over USB-C output or must be equipped with a dedicated adaptor.
*Windows, Android Applications are available for Windows PC, Android smartphone with DisplayPort over USB-C output.

Dimension	174.1mm(L) * 154mm(W) * 47.4mm(H) (Unfolded)* 54.6mm(L) * 150.8mm(W) * 47.4mm(H) (Folded)*	Weight	76g (nose pad included)
Display	Sony Low-power Micro OLED display	Refresh Rate	120Hz, 60Hz
FOV	46°	Contrast Rate	100,000: 1
PPD	49	Color Gamut (sRGB%)	108%
Resolution	1920*1080 @2D 3840*1080 @3D	Audio	Super linear speakers * 2 Acoustic phase cancellation (Whisper Mode) Bluetooth headphones compatible
EyeBox	11.75*6.5mm	Physical Button	Volume control; brightness control; refresh rate setting; 2D/3D
Image Size	201-inch seen at 6m away	Color Correction	Yes
MTF (Center)	>80%@30lp/mm@0.0F	Connectivity	Devices with USB-C DisplayPort (DP)
TV Distortion	1.2%	Sensor	Accelerometer, gyroscope, proximity sensor
Brightness	Up to 600 nits	Cable	USB-C to USB-C

JoyDock | Your Ultimate Giant-screen Gaming Companion



Mega-Screen Gaming. Perfect Match.

Powered by JoyDock, transform your Nintendo Switch into a 201-inch portable gaming spectacle, wherever adventure takes you!

7" to 201" Mega-Screen Gaming
10000mAh Long Battery Life



JoyDock | Boost More Devices



Boost More Devices

Free from Battery Anxiety

DP-supported
Smartphones



Steam Deck

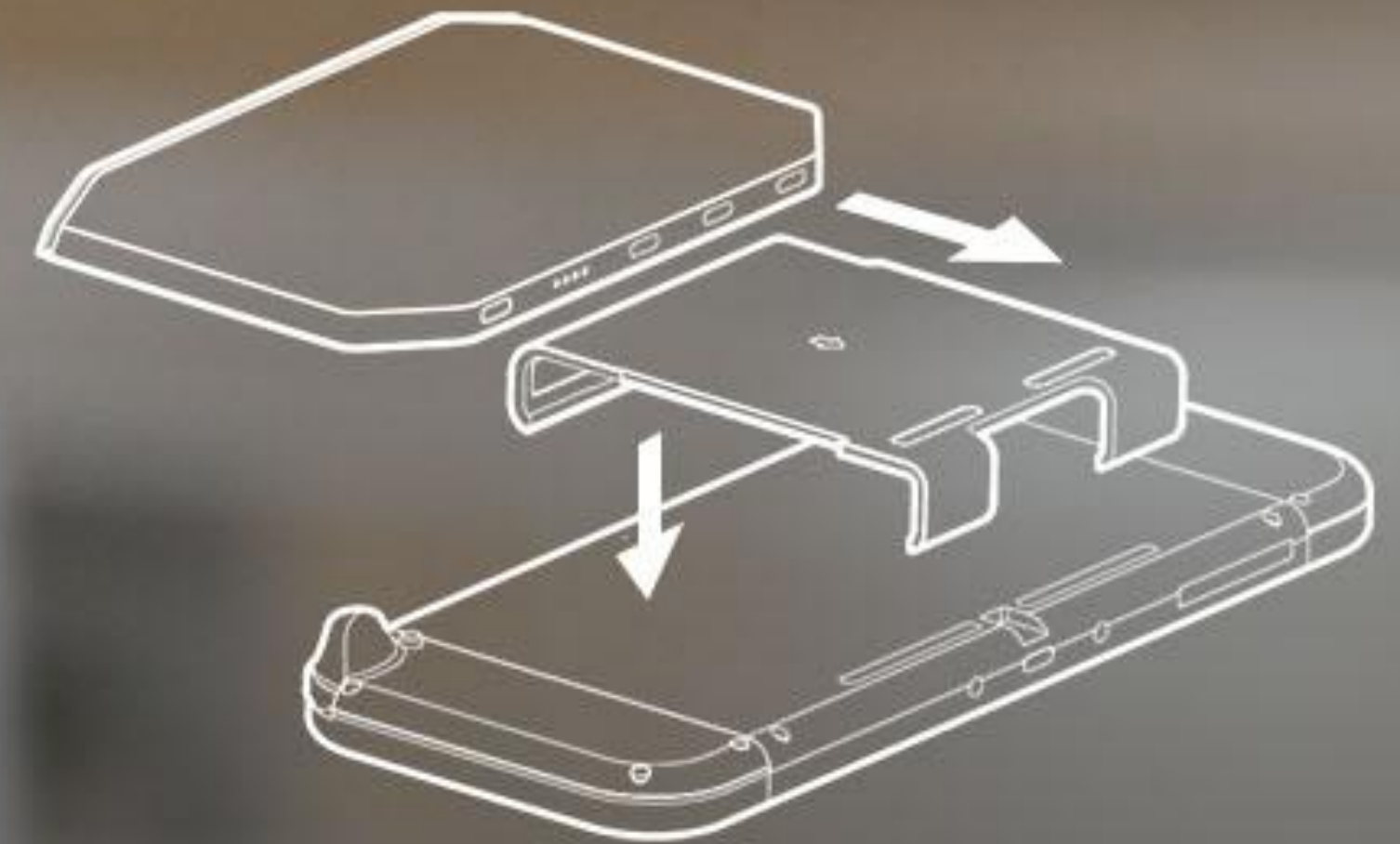


JoyDock | Easy Setup in Seconds



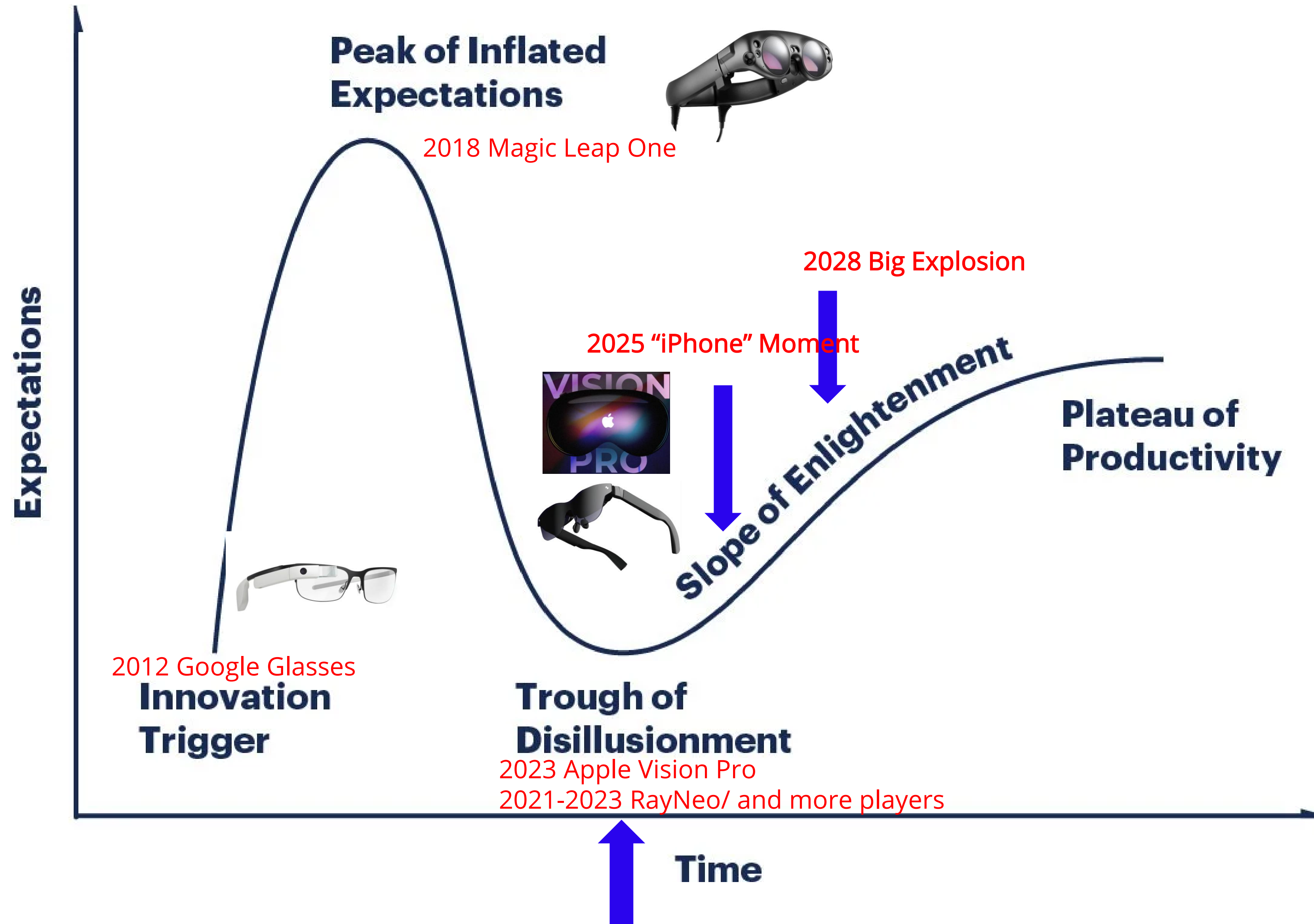
Easy Setup in Seconds

Slide, Click and Play



Now is Right Timing !

(1) Gartner Hype Cycle for AR Glasses



Now is Right Timing !

(2) Technology Adoption Curve

Now we aim at the early market of innovators and early adopters, who are open-minded and adventurous with innovative concepts with shortcoming

