

AR Glasses XREAL One



Model: ONE

Manufacturer: XREAL

EAN: 6976143801467

Product Code: 1083222

R9,941

AR XREAL One glasses

Discover a new era of technology with the XREAL One AR Glasses, an extremely advanced device in the world of augmented reality. Designed for users seeking the highest visual and audio quality, the XREAL One offers an unparalleled 3 DoF (Degrees of Freedom) experience, taking your interactions with the digital world to a whole new level.

Revolutionary XREAL X1 processor

At the heart of the XREAL One is the XREAL-developed X1 chip, which brings AR glasses into a new era of technology. With an ultra-low M2P latency of just 3ms, the glasses provide a smooth and responsive experience with any device. Reduced latency, distortion and improved image quality guarantee an exceptional visual experience, while increased frame rates and reduced data processing calls raise performance to the maximum.

Unparalleled image smoothness

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The AR XREAL One glasses feature a panel with a high refresh rate of up to 120 Hz, which significantly reduces flickering and image ghosting during movement. Thanks to an advanced stabilization algorithm, visuals are always stable and vibration-free, allowing you to fully immerse yourself in the digital world.

Exceptional display quality

The use of Sony's 0.68-inch micro OLED technology ensures amazing image quality. This feature eliminates flicker, reduces blue light emissions and offers 100% UV protection. The wide 50° viewing angle and 147-inch surround screen guarantee an immersive visual experience that takes reality to the next level. With a resolution of 4 million pixels and 1080p, the XREAL One offers crystal clear images that meet the expectations of even the most demanding users. Every detail is clear and colors are realistic, making your visual experience exceptional.

Audio quality that impresses

The XREAL One not only offers an exceptional picture, but also excellent sound. Thanks to XREAL sound technology, the glasses offer 3.0 surround sound and stereo recording. The innovative reverse sound field technology provides a realistic and deep audio experience, blending perfectly with dynamic images.

Personalize your vision

The AR XREAL One glasses allow you to customize transparency and lens color settings in three modes: clear, shade and theater. A screen with a peak brightness of 5,000 nits provides incredible image clarity, regardless of lighting conditions. Adjustable pupil distance (IPD) eliminates blurry edges, offering crystal clear images without blurring.

Taking care of your vision

The XREAL One lenses feature anti-reflective coating and are scratch-resistant, easy to clean and ultra-thin. The optical filter protects your eyes from blue light, ensuring comfort even during prolonged use. The XREAL One can be paired with the XREAL Corrective Frame (sold separately) for a perfect fit for those with vision impairments. The glasses are also TÜV Rheinland certified, which

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proves their safety and comfort for the eyes. Thanks to advanced light-filtering technologies, the glasses minimize visual fatigue even with prolonged use. As a result, every user can enjoy the highest image quality without compromise.

Ultra-wide screen and practical features

With an impressive screen ratio of 32:9, the XREAL One allows easy multitasking of multiple applications at the same time. With an ultra-wide display, your possibilities are endless - from work to entertainment to interactive gaming. The glasses also allow you to "anchor" the screen anywhere in space with the most stable visuals. The screen gently follows your gaze, eliminating ghosting during head movements. Ultrawide mode offers a curved virtual screen of up to 310 inches, and the side view feature allows you to use a mini screen, ideal for multitaskers. You can shrink and pin the screen to the side while maintaining a full view of the real world.

Intuitive and convenient operation

Thanks to 3 DoF technology, the XREAL One works without cables, apps or adapters, offering full freedom of movement. Connectivity is fast and reliable, making the glasses extremely convenient for everyday use. A single-arm button matrix makes it easy to control all settings - modes, brightness adjustment, transparency and lens color settings, 2D/3D modes, and image distance and size.

Wide compatibility

XREAL One are compatible with the latest iPhone 15/16 smartphones and Android devices, game consoles, tablets, Macs and PCs, hubs, adapters, XREAL Beam Pro, Nintendo Switch and wirelessly streaming game consoles. So you can enjoy full integration with your favorite devices.

Included

- XREAL One glasses
- USB-C to USB-C cable
- nose pad (sizes S, M, L)
- cleaning cloth
- protective case

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- user manual

Manufacturer	XREAL
Model	AR XREAL One
Chip	XREAL X1
Latency	3 ms MP2
Refresh rate	up to 120 Hz
Display	Sony 0.68" micro OLED, 4 MP, 1080p
Field of view	50°
Spatial screen	147"
Audio	3.0 surround sound
Screen format	32:9 ultra-wide
IPD adjustment	Yes
Certification	TÜV Rheinland
Compatibility	iPhone 15/16, Android, gaming consoles (portable and desktop), Mac, desktops, XREAL Beam Pro
Display modes	3 (shade, clear, theater)
Control buttons	Yes, single-frame button panel
Security features	UV protection, blue light filtering
Adjustment	Three-point adjustment of temples (+-3.5°), three types of nose pad adjustment (+-3.5mm)
Control button settings	Mode selection, brightness management, lens transparency, color settings, 2D/3D modes, distance and image dimension
Image brightness	5000 nits
Highest perceived brightness	600 nits
Color accuracy	ΔE 3, individual color calibration
Optical design	Optic Engine 3.0

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Support for 3DOF Yes, powered by glasses

Weight 84 g

Color black

Gross weight: 480, Net weight: 470, Box length: 17,50, Box width: 7,50, Box height: 8,50, GPSR Link:
https://psr-assets.innpro.pl/gaming/sg_gaming_ar_glasses.pdf

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