VR Glasses PIMAX CRYSTAL Super 57PPD

Gamintojas: **PIMAX** · Modelis: **CRYSTAL-SUP-57PPD** · EAN: **6977402870422** · Prekės kodas: **1017751**



2 090,90 €

Kaina su PVM

Be PVM: **1 728,02 €**

Sandėlyje

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Aprašymas

PIMAX CRYSTAL Super 57PPD VR Headset

The PIMAX Crystal Super 57PPD VR headset is an advanced virtual reality system that delivers exceptional image detail and smooth gameplay. It features QLED displays with mini-LED technology, offering a resolution of 3840 × 3840 pixels per eye, aspherical glass lenses, and local dimming. With a pixel density of 57 PPD and a horizontal field of view of 106°, users can see even the finest details in the virtual environment. A refresh rate of 72 or 90 Hz, automatic interpupillary distance (IPD) adjustment ranging from 58 to 72 mm, and Dynamic Foveated Rendering 2.0 technology further enhance the comfort of using the device. The headset supports inside-out tracking and the Lighthouse system.

Exceptionally Detailed Image

The PIMAX Crystal Super 57PPD offers a resolution of 3,840 × 3,840 pixels per eye, which translates to nearly 29.5 million pixels in total. Such a high pixel count delivers a detailed image in which textures, small objects, and environmental elements are clearly visible. A density of 57 pixels per degree (PPD) reduces the visibility of individual pixels, making the image appear more natural. This is particularly important in flight and racing simulators, where the ability to read gauges or spot distant objects affects the gaming experience.

QLED Technology and Mini-LED Backlighting

The QLED displays with mini-LED backlighting deliver vibrant colors and a high level of image detail. Local dimming technology, covering over 1,000 zones, allows for more precise control of the backlighting in specific areas of the screen. As a result, dark scenes gain greater depth, while bright elements remain clearly visible. The improved contrast makes the virtual environment look more realistic, whether you’re exploring dark locations or navigating bright, expansive environments.

Aspheric Glass Lenses

The headset is equipped with aspheric glass lenses that help maintain high image sharpness across a wide field of view. The large zone of optimal sharpness, known as the “sweet spot,” reduces the need to frequently adjust the position of the headset to achieve a clear image. This makes it

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easier to see details not only in the center of the display but also in its surrounding areas. A horizontal field of view of 106° allows you to simultaneously observe a wide section of the virtual environment.

Smooth Image and Dynamic Foveated Rendering 2.0

The PIMAX Crystal Super 57PPD supports refresh rates of 72 and 90 Hz, allowing you to adjust the displays' performance to match the game's requirements and your computer's capabilities. A higher refresh rate ensures smoother motion rendering, which is particularly important in dynamic games and simulators. Dynamic Foveated Rendering 2.0 technology uses eye tracking to focus rendering detail on the area the user is looking at. This allows for more efficient use of the computer's processing power while maintaining high image quality in the most important part of the field of view.

Automatic IPD Adjustment

Automatic interpupillary distance (IPD) adjustment, ranging from 58 to 72 mm, allows the optical system to be tailored to the user's individual needs. Proper alignment of the lenses with the eyes helps produce a clearer image and improves the comfort of the virtual reality experience. This feature is particularly useful when a single headset is used by multiple people with different interpupillary distances.

Freedom to Choose a Tracking System

The headset supports inside-out tracking, which allows you to experience virtual reality without the need to set up external base stations. This simplifies setup and reduces the number of additional devices required. For users who want to expand their VR setup, the option to use the Lighthouse system is also available. This allows you to tailor the motion tracking method to your existing equipment and preferred gameplay style.

Audio Connectivity and Communication

The PIMAX Crystal Super 57PPD is equipped with two microphones that enable voice communication during multiplayer games. The 3.5 mm audio jack allows you to connect compatible headphones, so you can choose your preferred listening experience. This is a practical solution whether you're playing online with others or exploring virtual worlds on your own.

Two controllers included

The headset comes with two controllers that allow you to interact with objects and elements in the virtual environment. They let you navigate menus, perform hand gestures, and use the mechanics available in compatible VR games and apps. As a result, users receive a kit ready for a wide variety of virtual reality experiences.

Included in the set

- PIMAX Crystal Super 57PPD VR headset
- VR controllers x 2

Manufacturer	PIMAX
Model	Crystal Super 57PPD
Device type	PC VR headset
Display technology	QLED + mini-LED
Resolution per eye	3840 × 3840 pixels
Total number of pixels	approx. 29.5 million
Pixel density	57 PPD
Horizontal Field of View (HFOV)	106°

Refresh Rate	72 / 90 Hz
Lens Type	Aspherical glass lenses
IPD Adjustment	Automatic, 58–72 mm
Local dimming	Yes, over 1,000 zones
Rendering technology	Dynamic Foveated Rendering 2.0
Eye tracking	Yes
Tracking system	Inside-out, expandable with Lighthouse
Audio connector	3.5 mm jack
Microphones	2
Recommended graphics card	NVIDIA GeForce RTX 3080 / RTX 4070 or better
Minimum graphics card	NVIDIA GeForce RTX 2070 or better
PCVR support	Yes

GPSR Link: https://psr-assets.innpro.pl/gaming/sg_gaming_vr_accessories.pdf, PPWR: https://ppwr.innpro.pl/en/pimax, Gross weight: 3710, Net weight: 1200, Box length: 36,00, Box width: 30,50, Box height: 19,00

Techninė specifikacija

Matmenys ir svoris	
Matmenys (I × P × A)	36,00cm × 30,00cm × 19,00cm
Svoris	3,71kg