

VITURE XR Luma Ultra

VITURE · EAN 1230000160940

Machine translation from Čeština. In case of doubt the manufacturer's original document prevails.

XR VITURE Luma Ultra Glasses

User Manual

The VITURE Luma Ultra XR/AR glasses are compatible with a wide range of devices that support DisplayPort over USB-C (DP Alt Mode):

Phones PC Tablets

Android phones with DP output, Notebooks with USB-C and iPad with USB-C and iPhone 15 and newer models MacBooks compatible tablets

(except iPhone 16e and iPhone Air)

Gaming devices

Steam Deck, ASUS ROG Ally,
Nintendo Switch 2 and Nintendo
Switch (via Pro Mobile Dock)

Compatible devices

Play with Pro Neckband

Unlock the full potential of your Luma Ultra XR/AR glasses with the VITURE Pro Neckband. By connecting the Luma Ultra XR/AR glasses to the Pro Neckband, enhanced hand gesture control and 6DoF spatial tracking are activated. The built-in cameras work seamlessly with the Pro Neckband, allowing for intuitive spatial interactions and precise tracking of head and hands. The Pro Neckband supports both SpaceWalker mode (multiple screens and spatial features) and Android mode (low latency). Get the VITURE Pro Neckband

Play with Pro Mobile Dock

Connect the Nintendo Switch 2, original Switch, or other HDMI-compatible devices to the VITURE Pro Mobile Dock and enjoy an immersive cinematic experience wherever you are. With the top brightness and clarity of the Luma Ultra, your content looks more vibrant than ever. • Share the experience

Connect a second pair of XR Glasses and share the same screen – perfect for co-op gaming or watching movies. VITURE Software

Unlock the complete XR experience with the set of customized VITURE software: Get the

VITURE Pro mobile dock

Download Center

Immersive 3D

Immersive 3D uses artificial intelligence to convert 2D content into stereoscopic 3D in real-time – directly on your XR glasses. When combined with the Luma Ultra XR/AR glasses, spatial tracking enhances the realism of depth, providing an even more impressive 3D experience. Tip: On mobile devices (iOS and Android), you can use the SpaceWalker app to watch local videos in immersive 3D format, turning your memories into realistic spatial experiences.

Workspace

6DoF

Multi-video

V

SpaceWalker

SpaceWalker transforms your XR glasses into a universal hub for spatial computing power. On mobile devices: Enjoy spatial videos, web browsing in multiple windows, immersive photo galleries, and VR-style playback. On desktops: Experience true 6DoF on Windows and macOS, allowing for spatial placement of virtual monitors, multitasking, and flexible workspace layout. *Some features may require in-app purchases. 152" virtual screen with Full HD resolution

The Luma Ultra XR/AR Glasses provide a 152-inch screen at a viewing distance of 3 meters, powered by the brightest display in the VITURE Luma series with a brightness of 1250 nits. Enjoy a vibrant display with SGS A+ certification for eye comfort, with a resolution of up to 1920 × 1200 and a refresh rate of 120 Hz, and nearly complete light blocking using electrochromatic film. User-friendly features, such as on-screen display (OSD) for quick volume and brightness control, further enhance your immersive experience – and surpass the previous generation in every way. • Spatial sound

Directional speakers minimize sound leakage (30 dB at 20 cm / 8 inches) and provide immersive sound without disturbing others. 152"

Z

120H

3m

- Frame for prescription lenses
- Adjustable rotary knobs

Set the focus for myopia up to -4.0 D using the knobs above each lens – no additional lenses

are needed. For higher diopter values or astigmatism, use the optional frame for lenses with your own prescription lenses. Get frames for prescription glasses

Buttons on the right side

3. Playback of 3D and spatial

1. States of the electrochromatic film video

Pressing the R1 button switches the film states and adjusts brightness/contrast to your environment. Supports Side-by-Side 3D modes, Apple Spatial Video, and Immersive 3D.

Holding the R1 button switches between 2D and 3D modes. R1 Button

2. Dynamic light effect

Double-pressing the R1 button turns the light strip on or off on the left side. Buttons on the left side

1. Brightness and volume 3. Color modes

Use the L+ / L- buttons to adjust brightness. Double-pressing the L1 button opens the menu.

Use the L+ / L- buttons to switch between True Color, Vivid, Film, Warm, and Cold modes. 2.

Eye axis adjustment 4.

Turning the display on/off

Press the L1 button three times and then align your visual axis using the L+ / L- buttons.

By pressing and holding the L1 button, you will turn off the display. Pressing any button will turn it back on.

Care Tips

- Do not bend, stretch, or twist the ends of the pages (parts above the ears) with excessive force.
- Avoid forcibly opening the front part of the XR glasses frame to prevent dust ingress and maintain a clean appearance.
- Avoid prolonged exposure to direct sunlight, such as leaving the XR glasses in a hot car.
- Store XR Glasses that you are not using in a case to prevent scratching, dust accumulation, or accidental damage.
- Do not use alcohol, acetone, or any chemical solvents to clean the lenses or frames. Use a soft dry microfiber cloth.
- Keep the lenses clean to avoid deterioration of image quality. Wipe them gently to avoid scratching the optical components.
- Do not drop, strike, or apply strong impact to the XR Glasses.
- Avoid environments with high humidity or extreme temperatures.
- Ensure that the USB-C or magnetic connectors are free of dust and dirt to ensure a stable

connection.

- Do not disassemble or modify the product yourself. This document is a translation of the original user manual created by the manufacturer. Detailed information about the warranty conditions of the distributor/manufacturer is available on the website

<https://serwis.innpro.pl/gwarancja>.

The product must be regularly maintained (cleaned) by the user or a specialized service center at the user's expense. If the user manual does not provide information about necessary periodic maintenance or service actions, the physical condition of the product must be assessed regularly, at least once a week, against that of a physically new product. If any deviation is detected or found, maintenance (cleaning) or service measures must be carried out immediately. Failure to perform proper maintenance (cleaning) and not responding to detected different conditions may result in permanent damage to the product. The guarantor is not responsible for damages caused by negligence.

Warnings and Safety Information

All information regarding the use of the products can be found in the attached user manual. Read its contents and follow the manufacturer's recommendations before using the products. Also, read the following information before use:

Usage Warnings

Risk of device damage:

- Use AR glasses and adapters only in accordance with their intended purpose and the instructions provided in the user manual.
- Do not expose the device to extreme temperatures, humidity, and direct sunlight to prevent damage to electronic components.
- Do not connect adapters to incompatible devices to avoid the risk of damage.

User Risks:

- Do not use AR glasses while driving, operating machinery, or in other situations requiring full attention - this may lead to accidents.
- Before prolonged use, ensure that the glasses fit well and do not cause discomfort to avoid eye strain or headaches.
- Avoid prolonged direct viewing of intense AR display light to protect your eyesight.

Power and Connection Risks:

- Adapters should only be connected to recommended power sources and cables. Do not use damaged cables or chargers.

- Before connecting the adapter, ensure that the socket is clean and free of dirt.

Information on Proper Use

Preparation and Setup:

- Before first use of the AR glasses, install the necessary software or applications specified by the manufacturer.
- If the glasses require connection to an adapter, ensure that the adapter is properly connected to a compatible device (e.g., computer, smartphone, or console).
- Adjust the AR glasses according to your needs using the available settings.

Safe Use: If these are glasses used at home, they should be used in accordance with the user instructions:

- Take regular breaks during use to avoid overloading your eyesight and nervous system.
- Avoid using the device during intense movement to prevent disorientation or loss of balance.

Maintenance:

- After each use, clean the glasses with a soft dry cloth to remove fingerprints and dust. For adapters, use a dry cloth to clean the ports and casing.

Additional Safety Measures

- Protection of the display and lenses: Regularly check that the lenses and displays are clean and free of scratches to ensure the highest image quality.
- Adapters: If you notice any operational issues with the adapter (e.g., overheating, intermittent connection), immediately disconnect it from the power source and contact the manufacturer's service department.
- Storage: Store the glasses and adapters in a dry place in the original case or protective cover to prevent damage.

Declaration of Compatibility

The AR glasses and adapters have been designed in accordance with the safety requirements of Regulation (EU) 2023/988. They meet the requirements for electromagnetic compatibility (EMC), electrical safety, and ergonomics of use. Environmental Protection Electronic waste marked in accordance with the European Union directive must not be disposed of together with other municipal waste. It is subject to separate collection and recycling at designated locations. By ensuring its proper disposal, you prevent potential negative impacts on the environment and human health. The used device collection system complies with local environmental protection regulations for waste disposal. Detailed

information on this topic can be obtained from the municipal office, processing plant, or the store where the product was purchased. The product meets the requirements of the so-called New Approach Directives of the European Union (EU), which address issues of safety in use, health protection, and environmental protection and specify hazards that should be identified and eliminated. Importer:

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Manufacturer:

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Representative in the EU:

eVatmaster Consulting GmbH

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63110 Rodgau, Hessen, Germany

contact@evatmaster.com

Warranty

The warranty will be voided in the event of changes and/or modifications to the product. The manufacturer is not responsible for any damages resulting from improper use of this product. Disposal

- Dispose of this product at the appropriate collection point.
- Do not throw this product away with municipal waste.
- For more information, contact the retailer or local authorities responsible for waste management. Documentation

This product has been manufactured and is supplied in accordance with all relevant regulations and directives applicable in all member states of the European Union. It also meets all relevant specifications and regulations in the country of sale. Official documentation can be obtained upon request. Official documentation also includes (but is not limited to) the Declaration of Conformity, Safety Data Sheets, and the product testing report. Disclaimer

The design and specifications of the product may be changed without prior notice. All logos and trade names are registered trademarks of their respective owners and are protected by

law.