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› [LG 24G411A-B 24-inch Ultragear Full HD IPS Gaming Monitor Instruction Manual](#)

LG 24G411A-B

LG 24G411A-B 24-inch Ultragear Full HD IPS Gaming Monitor Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your LG 24G411A-B 24-inch UltraGear Full HD (1920 x 1080) IPS Gaming Monitor. Please read this manual thoroughly before using your monitor to ensure proper and safe operation. Keep this manual for future reference.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- Monitor
- Power Cable
- HDMI Cable

SETUP

1. Assembling the Stand

Carefully remove the monitor from its packaging. Attach the stand base to the stand neck, then secure the assembled stand to the monitor panel. Ensure all screws are tightened securely.



Image: Front view of the LG 24G411A-B monitor with its slim stand. The monitor features an ultra-slim bezel and a minimal, sleek stand design.

2. Connecting Cables

Connect the necessary cables to the corresponding ports on the back of the monitor and your computer or other devices.

- **Power Cable:** Connect the power cable to the monitor's power input and then to a wall outlet.
- **HDMI Cable:** Connect one end of the HDMI cable to the HDMI port on your monitor and the other end to the HDMI output port on your computer or device.
- **DisplayPort Cable (Optional):** For optimal performance, especially with NVIDIA G-SYNC, connect a DisplayPort cable to the DisplayPort on your monitor and your computer's graphics card.
- **Audio Out:** Connect headphones or external speakers to the audio out port if desired.



Image: Rear view of the LG 24G411A-B monitor, highlighting the DisplayPort, HDMI, and audio output ports for connectivity.

3. Powering On

Press the power button on the monitor to turn it on. The monitor will automatically detect the input signal.

KEY FEATURES

Vivid Color with HDR10 and IPS Display

Experience rich, vibrant colors and deep contrast with HDR10 support and up to 99% sRGB coverage on the IPS display. This technology ensures accurate color reproduction and wide viewing angles, bringing every scene to life.



Image: A visual representation of HDR10 and 99% sRGB color coverage, demonstrating the vivid and lifelike tones produced by the IPS display.

High Refresh Rate (120Hz Native, 144Hz Overclock)

Enjoy fluid and crystal-clear gameplay with a native 120Hz refresh rate, which can be boosted to 144Hz when overclocked. This minimizes motion blur, keeping every frame sharp for a competitive edge.



Image: A dynamic racing scene illustrating the smooth motion provided by the 144Hz (overclock) and native 120Hz refresh rates.

1ms Motion Blur Reduction (MBR)

The 1ms MBR feature keeps fast-paced action smooth and sharp by significantly reducing blur and ghosting. This ensures clarity in rapid movements, crucial for competitive gaming.



Image: A comparison showing how 1ms Motion Blur Reduction (MBR) sharpens the image of fast-moving objects in a gaming scenario, reducing blur.

NVIDIA G-SYNC Compatible & AMD FreeSync

Enjoy smooth, tear-free, and low-latency gaming. Both NVIDIA G-SYNC Compatible and AMD FreeSync technologies synchronize the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering.

Your browser does not support the video tag.

Video: Official LG UltraGear Monitor demonstration of AMD FreeSync technology, showing how it eliminates screen tearing and stuttering for a smoother gaming experience.

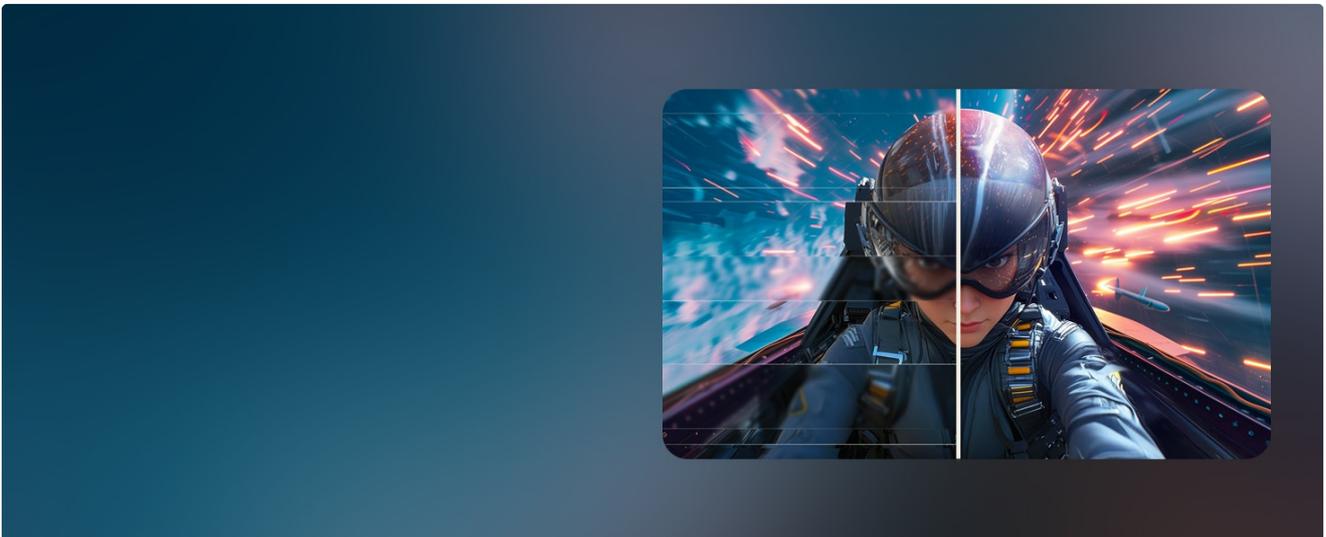


Image: A visual demonstrating the seamless frame synchronization provided by AMD FreeSync, preventing tearing and stuttering in gameplay.

Dynamic Action Sync

Dynamic Action Sync reduces input lag, allowing you to react faster to in-game events and gain a competitive advantage. This feature processes input signals quickly for real-time responsiveness.

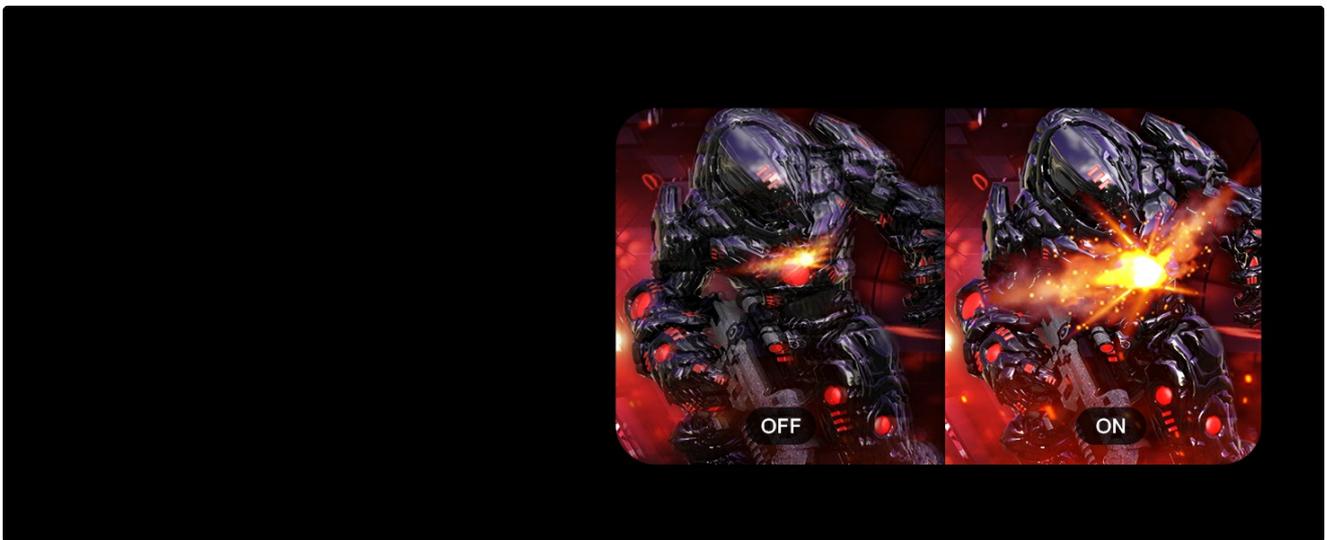


Image: A split-screen image demonstrating how Dynamic Action Sync reduces input lag, resulting in more responsive and real-time gameplay.

Black Stabilizer

Enhance visibility in dark scenes with Black Stabilizer. This feature brightens dark areas, making it easier to spot enemies or objects hidden in shadows without overexposing bright areas.

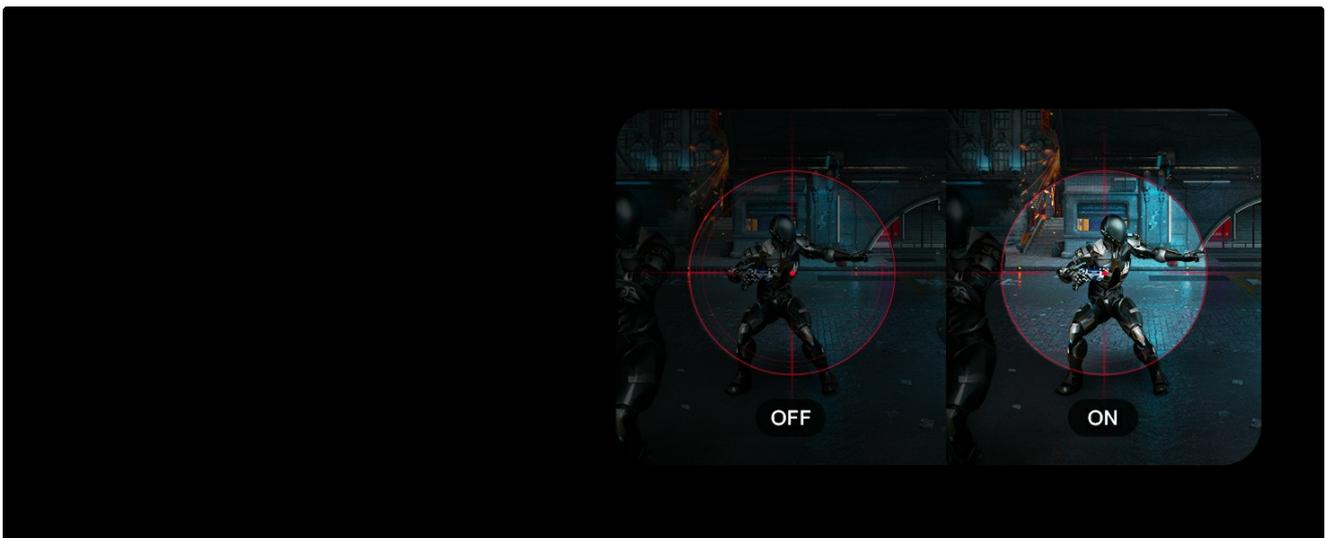


Image: A comparison of a dark game scene with Black Stabilizer turned off and on, showing improved visibility in shadowed areas when activated.

Crosshair Feature

The Crosshair feature provides an on-screen aiming point, enhancing precision in first-person shooter (FPS) games. This can be particularly useful for improving targeting accuracy.

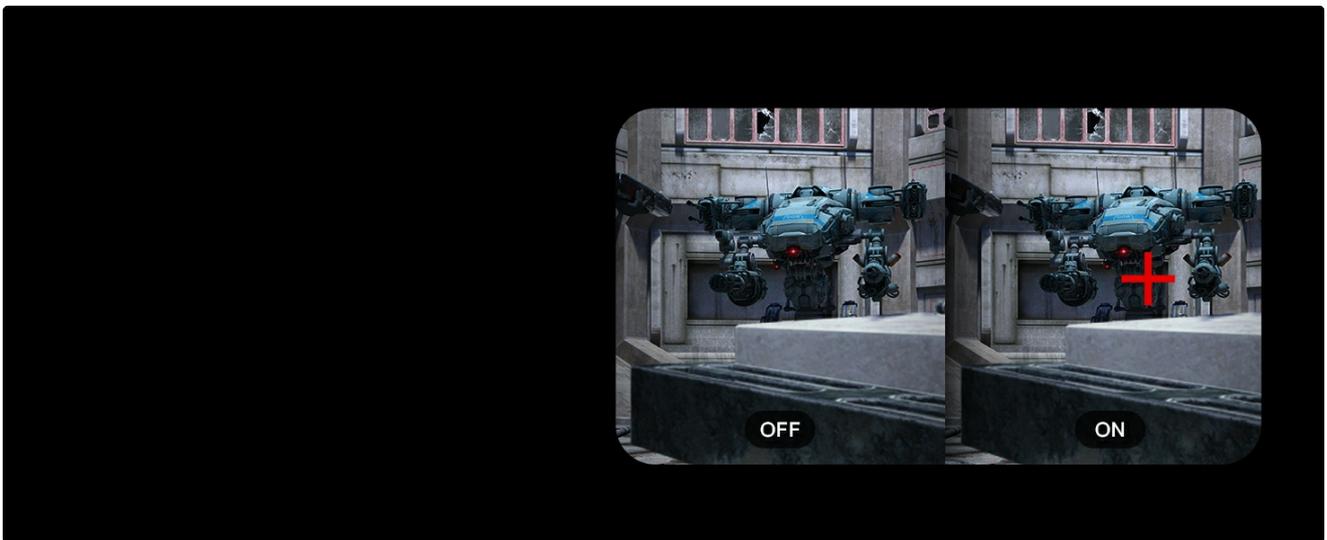


Image: A visual demonstrating the Crosshair feature in an FPS game, highlighting the added on-screen aiming point for enhanced accuracy.

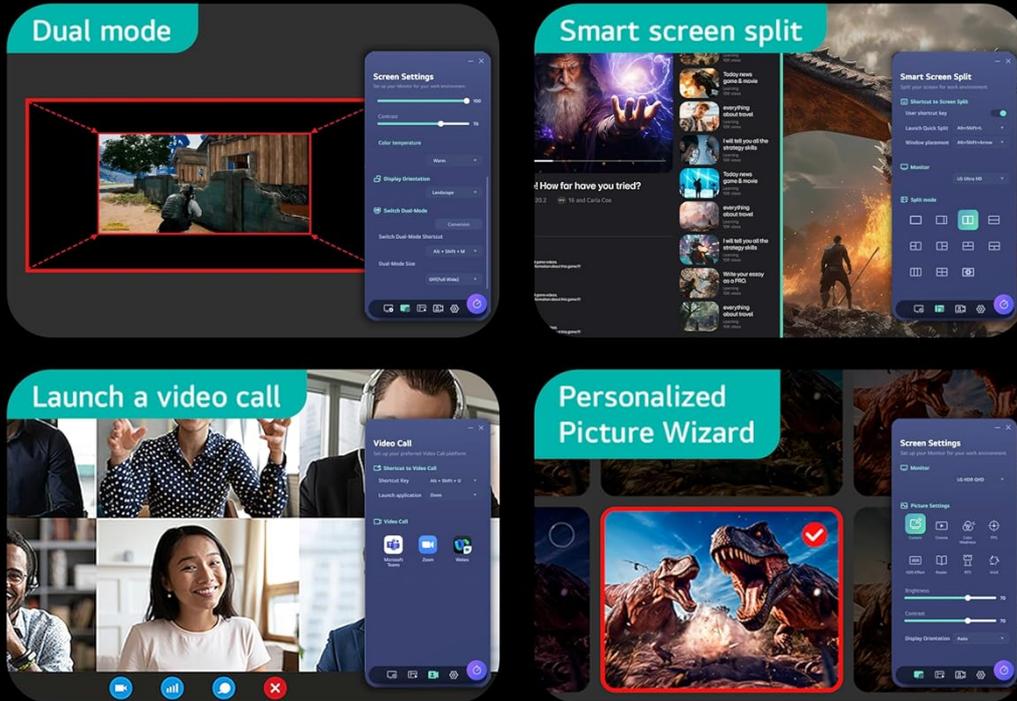
LG Switch App Compatibility

The LG Switch app allows you to transform your screen into a multitasking hub. Effortlessly split the screen into multiple sections, customize display layouts, or launch video calls with a single hotkey. Software installation is required and can be downloaded from [LG.com](https://www.lg.com).

LG UltraGear™

LG Switch App

Personalized Your Display with Switch App



*Download the latest version of the LG Switch app at [LG.com](https://www.lg.com)

Image: A screenshot of the LG Switch App interface, illustrating various features like dual mode, smart screen split, video call integration, and a personalized picture wizard for display customization.

Streamlined Design

The monitor features an ultra-slim bezel and a minimal stand, creating a sleek and immersive setup. The design reduces distractions, allowing you to focus on the content. The stand is tilt-adjustable for ergonomic comfort.



Image: A top-down view of the monitor, emphasizing its ultra-slim bezel and minimal stand, designed for a clean and immersive viewing experience. The stand also offers tilt adjustment.

OPERATING THE MONITOR

On-Screen Display (OSD) Menu

The monitor's settings can be adjusted using the joystick button located at the bottom center of the monitor. Press the joystick button to open the OSD menu.

- **Move Joystick Up/Down/Left/Right:** Navigate through menu options.
- **Press Joystick:** Select an option or confirm a setting.
- **Move Joystick Left (from main menu):** Exit the current menu or go back to the previous level.

Picture Mode Settings

Access the Picture Mode settings through the OSD menu to optimize your display for different content types:

- **Custom:** Allows manual adjustment of all picture settings.
- **Reader:** Optimizes the screen for reading by reducing blue light.
- **Photo:** Enhances image quality for viewing photos.
- **Cinema:** Adjusts settings for movie viewing.
- **FPS Game:** Optimizes for First-Person Shooter games.
- **RTS Game:** Optimizes for Real-Time Strategy games.
- **HDR Effect:** Simulates HDR quality for standard content.

Gaming Features Activation

Specific gaming features like Dynamic Action Sync, Black Stabilizer, and Crosshair can be toggled on/off or adjusted within the OSD menu under the 'Game Mode' or 'Game Adjust' sections.

MAINTENANCE

Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals, alcohol, or ammonia-based cleaners, as these can damage the screen surface. Do not spray cleaner directly onto the screen.

General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight or excessive heat.
- Keep the monitor away from sources of moisture.
- Ensure adequate ventilation around the monitor to prevent overheating.

TROUBLESHOOTING

No Power

- Check if the power cable is securely connected to both the monitor and the power outlet.
- Verify that the power outlet is functioning by plugging in another device.
- Ensure the monitor's power button is pressed.

No Signal / Blank Screen

- Confirm that the video cable (HDMI or DisplayPort) is securely connected to both the monitor and your computer's graphics card.
- Ensure your computer is powered on and not in sleep mode.
- Try selecting the correct input source via the monitor's OSD menu.
- Test with a different video cable or port if available.

Image Issues (Flickering, Distorted, Incorrect Colors)

- Adjust the monitor's resolution and refresh rate settings on your computer to match the monitor's native resolution (1920 x 1080) and supported refresh rates (up to 144Hz).
- Check for loose cable connections.
- Reset the monitor to factory settings via the OSD menu.
- Update your graphics card drivers.

SPECIFICATIONS

Feature	Specification
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Feature	Specification
Standing screen display size	23.8 Inches
Screen Resolution	1920x1080
Max Screen Resolution	1920 x 1080 Pixels
Brand	LG
Series	24G411A-B.AUS
Item model number	24G411A-B.AUS
Item Weight	7.3 pounds
Product Dimensions	8.7 x 21.2 x 16.2 inches
Item Dimensions LxWxH	8.7 x 21.2 x 16.2 inches
Color	Black
Manufacturer	LG Electronics Inc.
Screen Size	23.8 Inches
Resolution	FHD 1080p
Aspect Ratio	16:9
Screen Surface Description	Matte

WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the warranty card included with your product or visit the official LG website. You can find drivers, software updates, and additional support resources at [LG.com/us/support](https://www.lg.com/us/support).

Contact Information: Please refer to your regional LG website for local support contact details.