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> LG 22MK400H 22-inch Full HD TN Gaming Monitor User Manual

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Model: 22MK400H

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your LG 22MK400H 22-inch Full HD TN Gaming Monitor. Please read this manual thoroughly before operating the product and retain it for future reference.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product or injury to yourself.

- Do not place the monitor near heat sources or in direct sunlight.
- Ensure proper ventilation around the monitor.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Do not attempt to repair the monitor yourself. Refer all servicing to qualified personnel.
- Keep the monitor away from water or excessive moisture.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 Unit of LG 22MK400H Monitor
- 1 Unit of Power Adapter & Cable
- 1 Unit of HDMI Cable (may vary by region)
- User Manual (this document)

4. SETUP

4.1 Assembling the Stand

Follow these steps to attach the stand to your monitor:

1. Place the monitor face down on a soft, clean cloth to prevent scratches.
2. Align the stand base with the stand neck and secure it with the provided screw.
3. Attach the assembled stand to the back of the monitor until it clicks into place or is secured with screws (refer to specific model instructions for screw details).



Image: Rear view of the LG 22MK400H monitor with the stand attached. This shows the monitor's back panel, the stand neck, and the rectangular base.

4.2 Connecting Cables

Connect the necessary cables to the monitor and your computer:

1. **Power Cable:** Connect the power adapter to the monitor's power input and then plug the power cable into a wall outlet.
2. **Video Cable:**
 - For optimal performance, connect an HDMI cable from your computer's HDMI output to the monitor's HDMI input.
 - Alternatively, connect a D-Sub (VGA) cable from your computer's VGA output to the monitor's D-Sub input.
3. **Audio Output:** If desired, connect headphones or external speakers to the monitor's Headphone Out port.



Image: Close-up view of the monitor's rear input/output ports. From left to right, these include the power input, HDMI port, headphone out jack, and D-Sub (VGA) port.

4.3 Wall Mounting (Optional)

The monitor supports VESA wall mounting. To wall mount the monitor:

1. Remove the stand assembly from the monitor.
2. Attach a VESA-compatible wall mount bracket (sold separately) to the mounting holes on the back of the monitor.
3. Mount the monitor to the wall according to the wall mount manufacturer's instructions.

5. OPERATING THE MONITOR

5.1 Power On/Off

Press the power button (usually located on the bottom center of the monitor) to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

5.2 On-Screen Display (OSD) Controls

The monitor features a joystick button for navigating the On-Screen Display (OSD) menu. This allows you to adjust various settings.

- **Press the joystick:** Opens the main OSD menu.
- **Move the joystick (Up/Down/Left/Right):** Navigates through menu options and adjusts values.
- **Press the joystick again:** Confirms selection or enters a sub-menu.

5.3 Adjusting Display Settings

Access the OSD menu to customize your display:

- **Picture Mode:** Select from various preset modes (e.g., Custom, Reader, Photo, Cinema, Game) or adjust settings manually.
- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color:** Fine-tune color temperature, gamma, and individual RGB values.
- **Input:** Manually select the input source (HDMI, D-Sub).

5.4 Gaming Features

The LG 22MK400H monitor includes several features designed to enhance your gaming experience:

- **1ms Response Time:** Minimizes motion blur and ghosting for fast-paced action.
- **75Hz Refresh Rate:** Provides smoother visuals compared to standard 60Hz monitors.
- **AMD FreeSync:** Synchronizes the monitor's refresh rate with your AMD graphics card's frame rate to eliminate screen tearing and stuttering.
- **Black Stabilizer:** Enhances visibility in dark scenes, allowing you to spot enemies hiding in shadows.
- **Dynamic Action Sync (DAS):** Reduces input lag, allowing for faster reactions in games.
- **Crosshair:** Places a fixed crosshair in the center of the screen to improve aiming accuracy in first-person shooter games.



Image: Visual comparison demonstrating the difference between 1ms and 5ms response times in a racing game scenario. The 1ms image shows clearer, sharper motion.

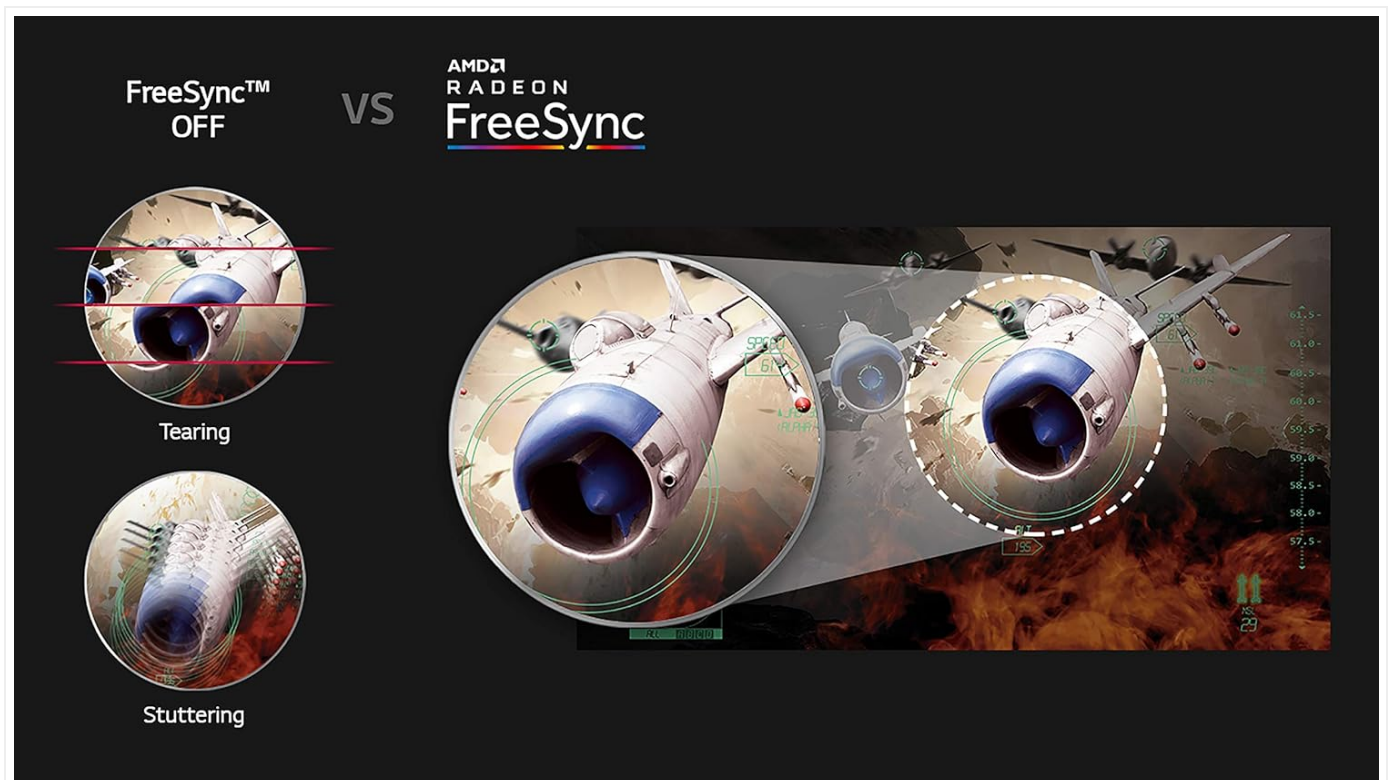


Image: Illustrates the benefit of AMD FreeSync. The "OFF" side shows screen tearing and stuttering in a flight simulation, while the "ON" side shows smooth motion.

side displays smooth, fluid gameplay.

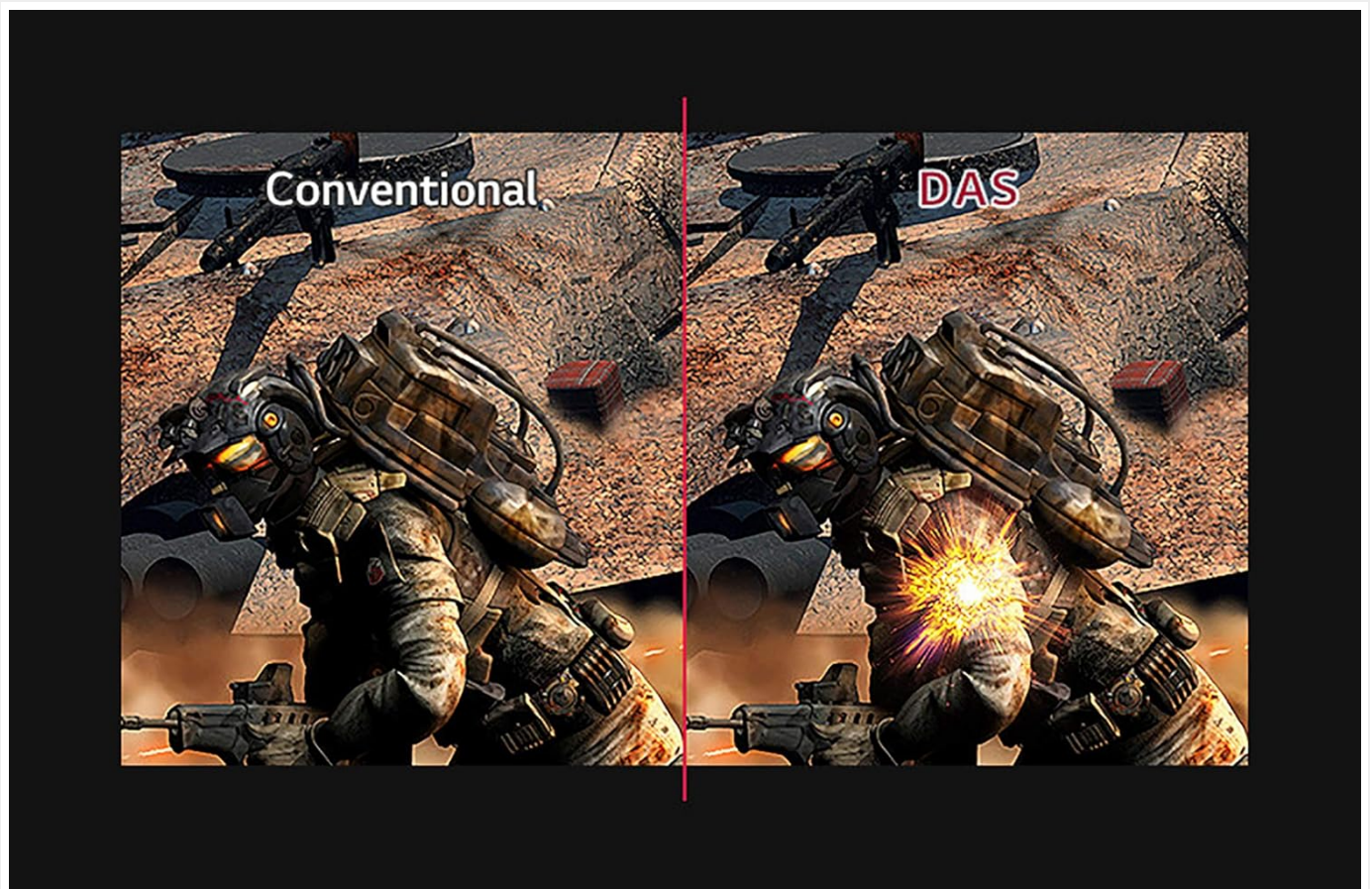


Image: A side-by-side comparison showing "Conventional" versus "DAS" (Dynamic Action Sync) in a game scene. The DAS side highlights reduced input lag, indicated by a faster on-screen reaction to an action.

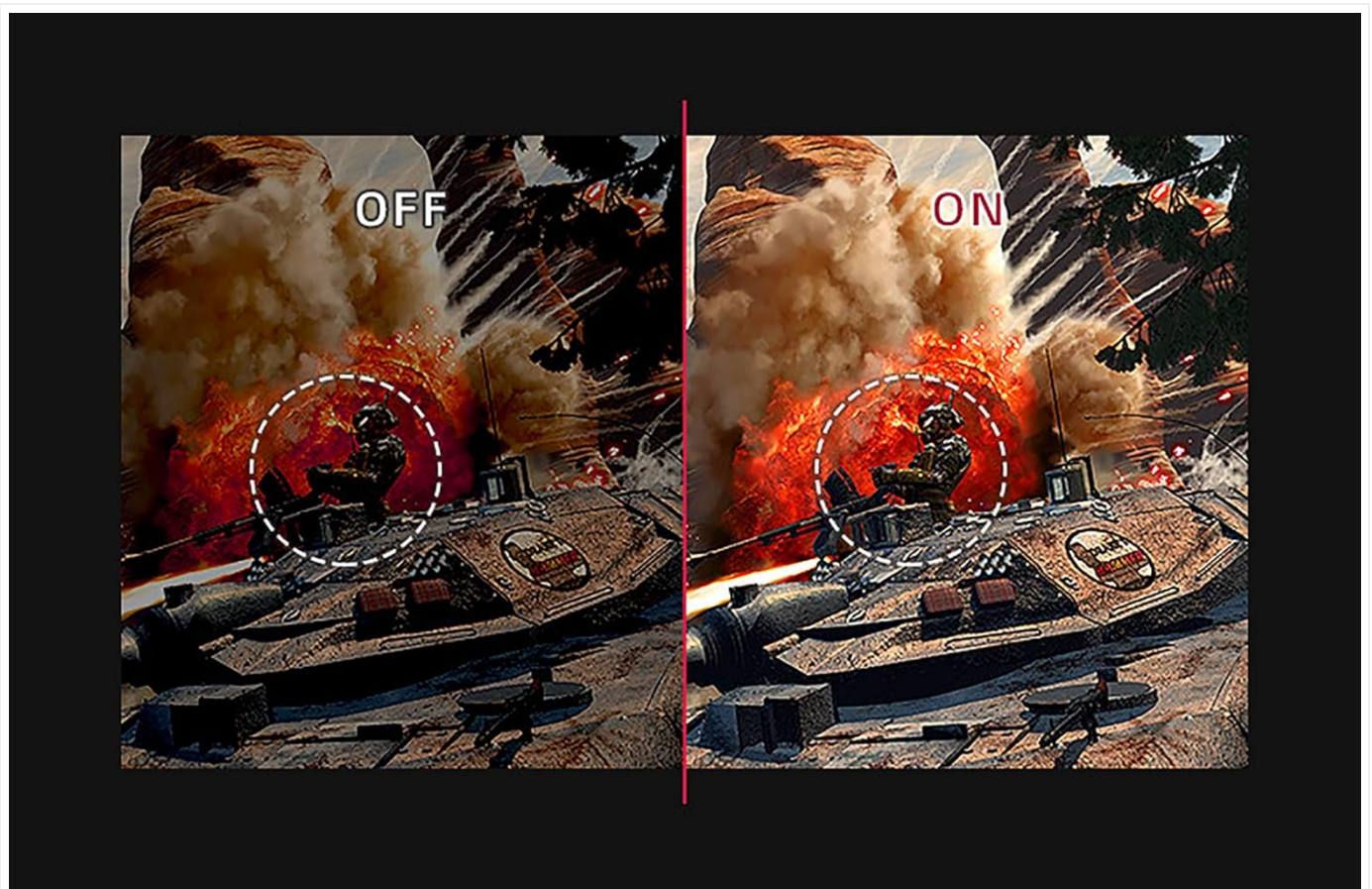


Image: Demonstrates the Black Stabilizer feature. The "OFF" side shows a dark, obscured area in a game, while the "ON" side reveals

6. MAINTENANCE

6.1 Cleaning the Monitor

To clean the monitor screen and casing:

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using abrasive cleaners, waxes, or solvents.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common solutions:

Problem	Possible Cause	Solution
No power	Power cable not connected or power outlet not working.	Ensure power cable is securely connected. Test the power outlet with another device.
No signal / Blank screen	Video cable not connected or incorrect input selected.	Check video cable connections (HDMI/D-Sub). Use the OSD menu to select the correct input source. Ensure your computer is powered on and outputting video.
Image is blurry or distorted	Incorrect resolution or refresh rate settings.	Set the display resolution to 1920 x 1080 and refresh rate to 75Hz in your computer's display settings.
Screen tearing or stuttering (with AMD GPU)	AMD FreeSync not enabled.	Enable FreeSync in the monitor's OSD menu and in your AMD Radeon Software settings.

8. SPECIFICATIONS

Feature	Detail
Brand	LG
Model	22MK400H
Screen Size	21.5 Inches (55 cm)
Display Type	TN Panel, LED Backlight
Resolution	Full HD (1920 x 1080)
Refresh Rate	75Hz
Response Time	1 Millisecond (GtG)
Aspect Ratio	16:9

Feature	Detail
Surface Description	Anti Glare
Viewing Angle	178 Degrees <i>(Note: TN panels typically have narrower viewing angles than IPS, this might be a generic spec or referring to a specific measurement method)</i>
Connectivity	1x HDMI, 1x D-Sub (VGA), 1x Headphone Out
Special Features	AMD FreeSync, Black Stabilizer, Dynamic Action Sync, Crosshair, Flicker-Free, Tilt Adjustment, Wall Mountable (VESA)
Product Dimensions (LxWxH)	18.2 x 51 x 39.6 cm
Item Weight	2.4 kg

9. WARRANTY AND SUPPORT

Your LG 22MK400H monitor comes with a **3-Year Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use.

For technical support, service, or warranty claims, please contact LG Customer Service. Refer to the official LG website for contact information specific to your region.

Manufacturer: LG Electronics

Importer: LG ELECTRONICS INDIA PVT. LTD., A-24/6, MOHAN COOPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI-110044

