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Redragon GM27CVQ

Redragon GM27CVQ 27-inch QHD Curved Gaming Monitor User Manual

Model: GM27CVQ

1. Introduction

Thank you for choosing the Redragon GM27CVQ 27-inch QHD Curved Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read this manual thoroughly before use to ensure proper functionality and to maximize your experience with the product. Keep this manual for future reference.



Front view of the Redragon GM27CVQ 27-inch curved gaming monitor, displaying a vibrant game scene. The screen features 165Hz refresh rate, 1ms response time, 2K Quad HD resolution, and a 1500R curvature.

2. Safety Information

- Ensure the monitor is placed on a stable, flat surface to prevent accidental falls.
- Do not expose the monitor to rain or moisture to avoid electric shock.
- Keep the monitor away from direct sunlight, heat sources, or extreme temperatures.
- Use only the power adapter and cables provided by Redragon.
- Do not block ventilation openings. Proper airflow is essential to prevent overheating.
- Unplug the monitor from the power outlet before cleaning.
- Avoid touching the screen with sharp objects.

3. Package Contents

Please check the package contents to ensure all items are present and undamaged:

- Redragon GM27CVQ 27-inch Curved Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Cable and AC Adapter

- DisplayPort Cable
- User Manual



Image displaying the included accessories: power cable and adapter, DisplayPort cable, and the user manual.

4. Setup

4.1. Monitor Assembly

Follow these steps to assemble the monitor stand:

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the base, ensuring it clicks securely into place or is fastened with screws if provided.

3. Align the assembled stand with the mounting slot on the back of the monitor panel and push until it locks.
4. Place the assembled monitor on a stable desk.



Diagram illustrating the simple assembly process of the monitor stand, showing how the base attaches to the neck and then to the monitor panel.

4.2. VESA Wall Mount (Optional)

The monitor supports VESA wall mounting (75 x 75 mm). To use a VESA mount, remove the stand from the monitor and attach your VESA-compatible bracket according to the bracket's instructions.

4.3. Connecting to Devices

Connect your monitor to a power source and your computer or gaming console using the appropriate cables:

- **Power Connection:** Connect the AC adapter to the monitor's power input, then plug the power cable into a wall outlet.
- **DisplayPort Connection:** For optimal performance (165Hz refresh rate, QHD resolution), connect one end of the DisplayPort cable to the monitor's DisplayPort input and the other end to your computer's DisplayPort output.
- **HDMI Connection:** Alternatively, connect an HDMI cable from your device to one of the monitor's HDMI inputs. Note that HDMI versions may limit maximum refresh rates at QHD resolution.



Rear view of the monitor's input/output ports, including DisplayPort and HDMI connections for various devices.



Rear view of the Redragon GM27CVQ monitor highlighting key features: 2K QHD resolution, 1500R curvature, 165Hz refresh rate, 1ms MPRT response time, -5° to 15° tilt adjustment, and VESA 75x75mm mounting compatibility.

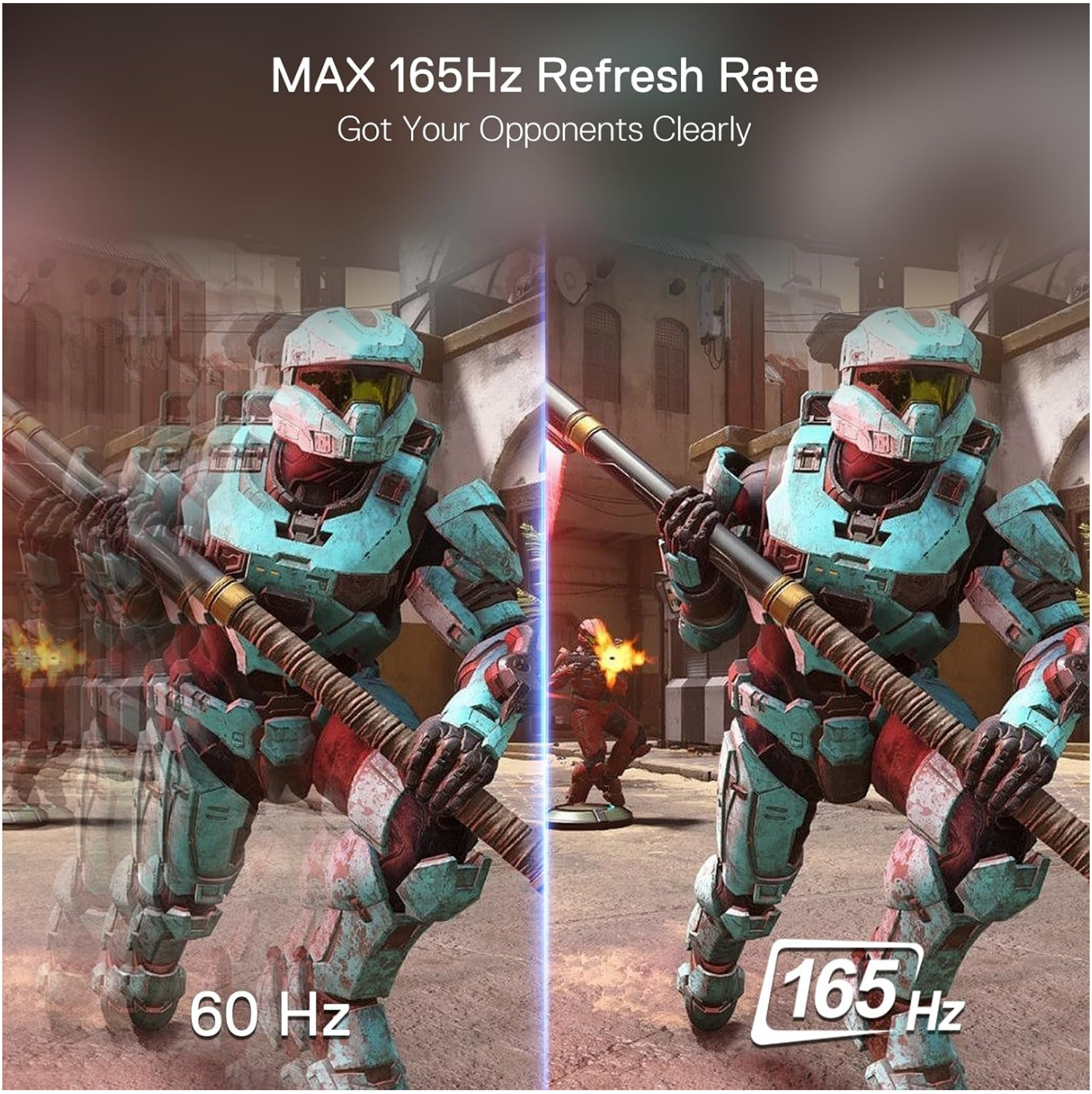
5. Operating Instructions

5.1. Power On/Off

Press the power button located on the bottom right of the monitor to turn it on or off. The power indicator light will illuminate when the monitor is on.

5.2. On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons on the bottom right of the monitor to navigate the menu.



Close-up of the monitor's lower bezel, showing the control buttons for navigating the On-Screen Display (OSD) menu.

OSD Menu Options:

- **Picture:** Adjust brightness, contrast, sharpness, and gamma.
- **Color:** Select color temperature, adjust RGB values, and choose picture modes.
- **OSD Settings:** Configure OSD language, transparency, and timeout.
- **System:** Access input source selection, aspect ratio, and other general settings.
- **Gaming Features:** Enable/disable Adaptive Sync (FreeSync Premium Pro), adjust response time, and activate crosshair overlays.

5.3. Display Settings

To achieve the optimal visual experience, ensure your device's display settings are configured correctly:

- **Resolution:** Set your device's resolution to 2560 x 1440 (QHD) for the sharpest image.
- **Refresh Rate:** Configure your device's refresh rate to 165Hz for the smoothest motion.
- **Adaptive Sync (FreeSync Premium Pro):** Enable this feature in both your monitor's OSD menu and your graphics card

settings to eliminate screen tearing and stuttering.



Visual comparison between 1080p Full HD and 2K Quad HD resolutions, illustrating the increased detail and clarity offered by the 2K resolution.



Side-by-side comparison demonstrating the visual difference between 60Hz and 165Hz refresh rates in a fast-paced game scene, with 165Hz showing significantly smoother motion.



Comparison image showing the effect of AMD FreeSync Premium Pro, with the left side (FreeSync OFF) exhibiting screen tearing and the right side (FreeSync ON) displaying a smooth, tear-free image during a dynamic scene.

6. Maintenance

6.1. Cleaning the Monitor

- Always unplug the monitor before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, solvents, or abrasive materials.

6.2. General Care

- Keep the monitor in a well-ventilated area.
- Avoid placing heavy objects on the monitor or its cables.
- If the monitor will not be used for an extended period, unplug it from the power outlet.

7. Troubleshooting

If you encounter issues with your monitor, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet faulty	Ensure power cable is securely connected; Try a different power outlet.
No signal	Input cable not connected; Incorrect input source selected	Check DisplayPort/HDMI cable connection; Select correct input source via OSD menu.
Image flickering or tearing	Adaptive Sync not enabled; Graphics card driver issue	Enable Adaptive Sync in OSD and graphics card settings; Update graphics drivers.
Blurred or distorted image	Incorrect resolution; Cable issue	Set display resolution to 2560x1440; Try a different DisplayPort/HDMI cable.
Buttons not responding	Monitor locked; Temporary software glitch	Unplug and replug the monitor; Refer to OSD section for button lock/unlock procedures if applicable.

8. Specifications

Key technical specifications for the Redragon GM27CVQ monitor:

Feature	Specification
Screen Size	27 Inches
Resolution	QHD 2K (2560 x 1440 Pixels)
Refresh Rate	165 Hz
Response Time	1ms
Panel Type	VA
Curvature	1500R
Aspect Ratio	16:9
Image Brightness	250 cd/m2
Connectivity	DisplayPort, HDMI
VESA Mount	75 x 75 mm
Product Dimensions	24.41 x 20.08 x 8.27 inches
Item Weight	13.62 pounds

9. Warranty and Support

Redragon stands behind the quality of its products. The GM27CVQ monitor comes with a **3-year warranty** and a **12-month**

replacement service. For any technical assistance or support, Redragon offers **7x24 hours of quick solution support**.
For further inquiries or to access support resources, please visit the official Redragon website or contact their customer service department.

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