

Viotek NB27CB

Viotek NB27CB 27-Inch Curved Monitor User Manual

Model: NB27CB

1. INTRODUCTION

Thank you for choosing the Viotek NB27CB 27-Inch LED Curved Monitor. This monitor is designed to provide a vibrant and immersive visual experience for both work and entertainment. Featuring a bezel-less Samsung VA panel, 75Hz refresh rate, 1080P Full-HD resolution, and FreeSync technology, it offers exceptional clarity and smooth performance. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new monitor.



The Viotek NB27CB monitor, showcasing its curved display and sleek design.

2. SETUP

2.1. Unpacking the Monitor

Carefully remove all components from the packaging. Ensure all items listed in the 'What's in the Box' section are present. Retain the original packaging for future transport or storage.

2.2. Assembling the Stand

1. Attach the stand neck to the monitor panel by aligning the grooves and gently pushing until it clicks into place.
2. Secure the base to the stand neck using the provided screw.
3. Place the assembled monitor on a stable, flat surface.



The monitor stand allows for adjustable tilt to optimize viewing angles.

2.3. Connecting to a Device

The NB27CB monitor supports both VGA and HDMI 1.4 connections. Choose the appropriate cable for your device and connect it to the corresponding port on the monitor. An HDMI cable is included with your purchase.

- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI port on your computer or gaming console, and the other end to the HDMI port on the monitor.
- **VGA Connection:** Connect one end of the VGA cable to the VGA port on your computer, and the other end to the VGA port on the monitor.
- **Power Connection:** Connect the power adapter to the monitor's power input and then plug it into a power outlet.



Rear view of the monitor, illustrating available ports and VESA mounting points.

2.4. VESA Mounting (Optional)

The NB27CB is VESA compatible (75x75mm), allowing you to mount it to a wall or a compatible monitor arm. Ensure you use appropriate VESA screws and mounting hardware (not included) that can support the monitor's weight.

3. OPERATING THE MONITOR

3.1. Power On/Off

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

3.2. On-Screen Display (OSD) Menu

Use the buttons on the monitor's bezel to navigate the OSD menu. This menu allows you to adjust various display settings such as brightness, contrast, color temperature, input source, and more.

3.3. Key Features

- **75Hz Refresh Rate & 5ms Response Time:** Experience smoother visuals with a 75Hz refresh rate and a rapid 5ms response time, ideal for gaming and fast-paced content.



5MS RESPONSE TIME

Vibrant 1920x1080p display delivers a flicker-free experience for video conferences and casual gaming.

The monitor's 75Hz refresh rate and 5ms response time enhance visual fluidity.

- **AMD FreeSync™:** Activate FreeSync to synchronize the monitor's refresh rate with your graphics card's frame rate, reducing screen tearing and stuttering for a seamless gaming experience.



AMD FreeSync™

FreeSync technology supports dynamic refresh rate aimed at reducing motion blur, screen tearing, image stuttering and input lag.

AMD FreeSync technology minimizes screen tearing and stuttering.

- **Low Blue Light:** Reduce eye strain during prolonged use by enabling the Low Blue Light setting in the OSD menu. This filters out harmful blue light emissions.



The Low Blue Light feature helps protect your eyes during extended viewing.

- **GamePlus Crosshair Functionality:** For competitive gaming, activate the GamePlus crosshair overlay to improve aiming accuracy in FPS/RTS games.



GamePlus crosshairs provide an in-game advantage for precision aiming.

- **Built-in Speakers:** The monitor includes integrated speakers for audio output.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor's casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Storage:** If storing the monitor for an extended period, use the original packaging to protect it from dust and damage.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source.	Ensure power and video cables are securely connected. Select the correct input source via the OSD menu.

Problem	Possible Cause	Solution
Image is blurry or distorted	Incorrect resolution; Loose video cable.	Set the display resolution to 1920x1080. Check video cable connection.
No sound from speakers	Volume too low; Audio output not set to monitor; Faulty cable.	Increase monitor volume. Ensure your computer's audio output is set to the monitor. Check HDMI cable.
Screen flickering	FreeSync not enabled (if applicable); Graphics driver issues; Faulty cable.	Enable FreeSync in OSD and graphics card settings. Update graphics drivers. Try a different video cable.

6. SPECIFICATIONS

Detailed technical specifications for the Viotek NB27CB monitor:

Feature	Specification
Screen Size	27 Inches
Screen Resolution	1920x1080 (Full HD)
Max Screen Resolution	1920 x 1080
Refresh Rate	75Hz Max.
Response Time	5ms
Panel Type	VA Panel
Curvature	1800R
Aspect Ratio	16:9
Display Colors	16.7M Colors
Dynamic Contrast Ratio	1000000:1
VESA Compatibility	75x75mm
Ports	1x VGA / 1x HDMI 1.4
Speakers	Yes, 2x 4Ω/3W
Tilt Adjustable	Yes, -5° ~ 15°
Item Weight	10.36 pounds
Product Dimensions	24.13 x 8.38 x 17.67 inches

7. WARRANTY & SUPPORT

7.1. Product Warranty

The Viotek NB27CB monitor comes with a **3-Year Warranty** covering parts and labor. This includes Viotek's industry-leading **Zero-Tolerance Dead Pixel Policy**, ensuring a high-quality display experience.



Viotek offers a 3-year warranty and a Zero Dead Pixel policy for peace of mind.

7.2. Customer Support

Viotek provides 100% U.S.-based customer support, available 7 days a week via live-chat, email, and social media. For assistance, please visit the official Viotek website or refer to the contact information provided with your product documentation.