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## Acer XB323QK NVbmiiphuzx

# Acer Predator XB323QK NVbmiiphuzx 31.5" UHD Gaming Monitor User Manual

Model: XB323QK NVbmiiphuzx | Brand: Acer

## 1. INTRODUCTION AND OVERVIEW

The Acer Predator XB323QK UHD display offers a 31.5-inch (3840 x 2160) screen with an Agile-Splendor IPS panel. Designed for high-performance gaming, it supports a 144Hz refresh rate and is NVIDIA G-SYNC Compatible, ensuring smooth gameplay. This monitor delivers rich colors with DCI-P3 90% coverage and a Delta E<1 color accuracy, providing an immersive visual experience.



Front view of the Acer Predator XB323QK Gaming Monitor, showcasing its sleek design and Predator branding.

## 2. WHAT'S IN THE Box

Your Acer Predator XB323QK monitor package includes the following items:

- Acer Predator XB323QK 31.5" UHD Gaming Monitor
- Monitor Stand (pre-assembled)
- Power Cable
- 1 x Display Port 1.4 Cable
- 1 x HDMI 2.1 Cable
- 1 x USB Cable (for USB 3.0 hub functionality)

- Quick Start Guide and Warranty Information

## 3. SETUP

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### 3.1 Monitor Assembly and Placement

The monitor stand is typically pre-assembled. Place the monitor on a stable, flat surface. Ensure adequate ventilation around the monitor. The ergonomic stand allows for tilt, height adjustment, and swivel to optimize your viewing experience.

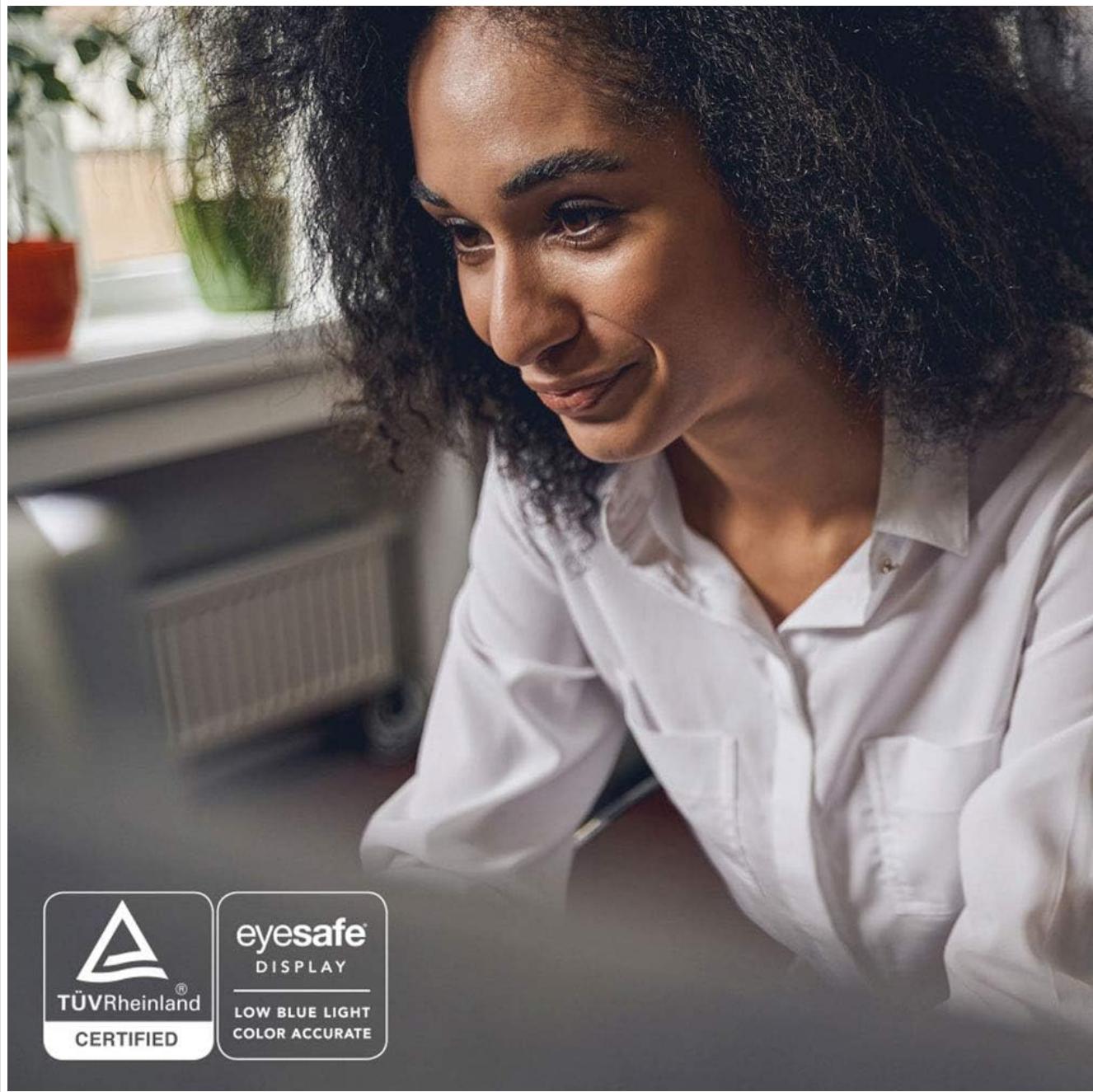
### 3.2 Connecting to a Power Source

Connect the power cable to the monitor's power input and then to a wall outlet. The monitor supports 240 Volts.

### 3.3 Connecting to a Computer or Device

Connect your computer or gaming console to the monitor using one of the provided cables. The monitor offers versatile connectivity options:

- **Display Port 1.4:** For high refresh rate and resolution connections.
- **HDMI 2.1 (x2):** Supports high refresh rates and resolutions, ideal for modern gaming consoles and PCs.
- **USB 3.1 Type-C (Gen 1):** Supports data transfer, DisplayPort over USB-C, and up to 65W power delivery for compatible devices.
- **USB 3.0 Ports (x4):** Use the included USB cable to connect the monitor's USB upstream port to your computer to enable the monitor's built-in USB hub for peripherals.



Detailed view of the monitor's rear panel, highlighting the DisplayPort, HDMI, USB-C, and USB 3.0 ports for comprehensive connectivity.

## 4. OPERATING THE MONITOR

### 4.1 Power On/Off

Press the power button, usually located on the bottom or rear of the monitor, to turn it on or off. The power LED will indicate the monitor's status.

### 4.2 On-Screen Display (OSD) Menu

Navigate the OSD menu using the joystick or buttons typically found on the monitor's rear or bottom. The OSD allows you to adjust various settings:

- **Picture Settings:** Brightness, Contrast, Gamma, Color Temperature, Picture Mode (e.g., sRGB, HDR600).
- **Gaming Settings:** Overdrive, Refresh Rate, G-SYNC, Variable Refresh Rate (VRR).
- **Input Selection:** Manually switch between DisplayPort, HDMI, and USB-C inputs.
- **System Settings:** Language, OSD timeout, Power-saving options.

#### 4.3 G-SYNC and High Refresh Rate

Ensure your graphics card drivers are up to date and G-SYNC is enabled in your NVIDIA control panel for tear-free gaming. The monitor supports up to a 144Hz refresh rate for incredibly smooth visuals.



 **NVIDIA  
G-SYNC™**

**UHD 4K2K**  
3840X2160

**144Hz**

Visual comparison demonstrating the elimination of screen tearing with NVIDIA G-SYNC technology.

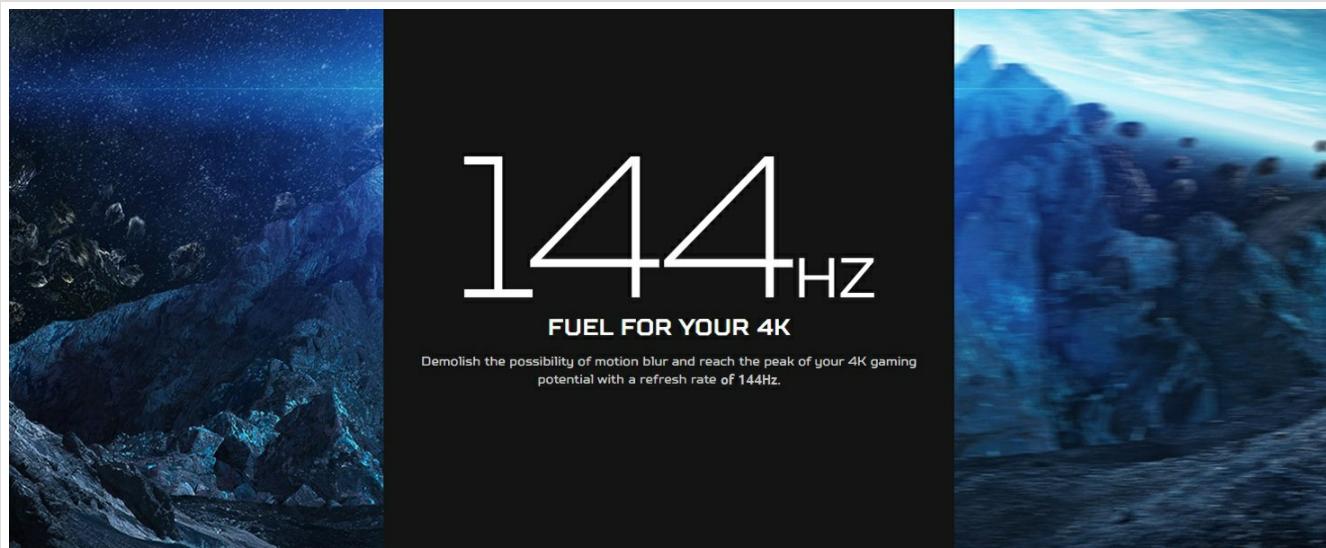


Illustration emphasizing the 144Hz refresh rate for fluid motion in gaming.

#### 5. FEATURES

The Acer Predator XB323QK is packed with features to enhance your gaming and viewing experience:

- **UHD (3840 x 2160) Resolution:** Experience stunning clarity and detail on a 31.5-inch screen.
- **Agile-Splendor IPS Panel:** Delivers vibrant colors, wide viewing angles, and fast response times.
- **144Hz Refresh Rate & 0.5ms Response Time:** Ensures ultra-smooth motion and minimal ghosting for competitive gaming.
- **NVIDIA G-SYNC Compatible:** Synchronizes the display's refresh rate with your GPU for fluid, tear-free gameplay.
- **VESA Certified DisplayHDR 400:** Provides enhanced contrast and brightness for a more dynamic visual experience.
- **DCI-P3 90% Color Gamut & Delta E<1 Color Accuracy:** Offers exceptional color reproduction for lifelike images.
- **Zero-Frame Design:** Maximizes screen space and allows for seamless multi-monitor setups.
- **Integrated Speakers:** Two 4-watt speakers provide convenient audio output.
- **TUV/Eyesafe Certification:** Reduces harmful blue light emissions without compromising color accuracy, promoting eye comfort during long sessions.
- **Ergonomic Stand:** Offers a wide range of adjustments including tilt (-5° to 25°), height (5.12" range), and swivel (+/- 30°) for personalized comfort.
- **Versatile Connectivity:** Includes USB-C with 65W Power Delivery, DisplayPort 1.4, two HDMI 2.1 ports, and a 4-port USB 3.0 hub.



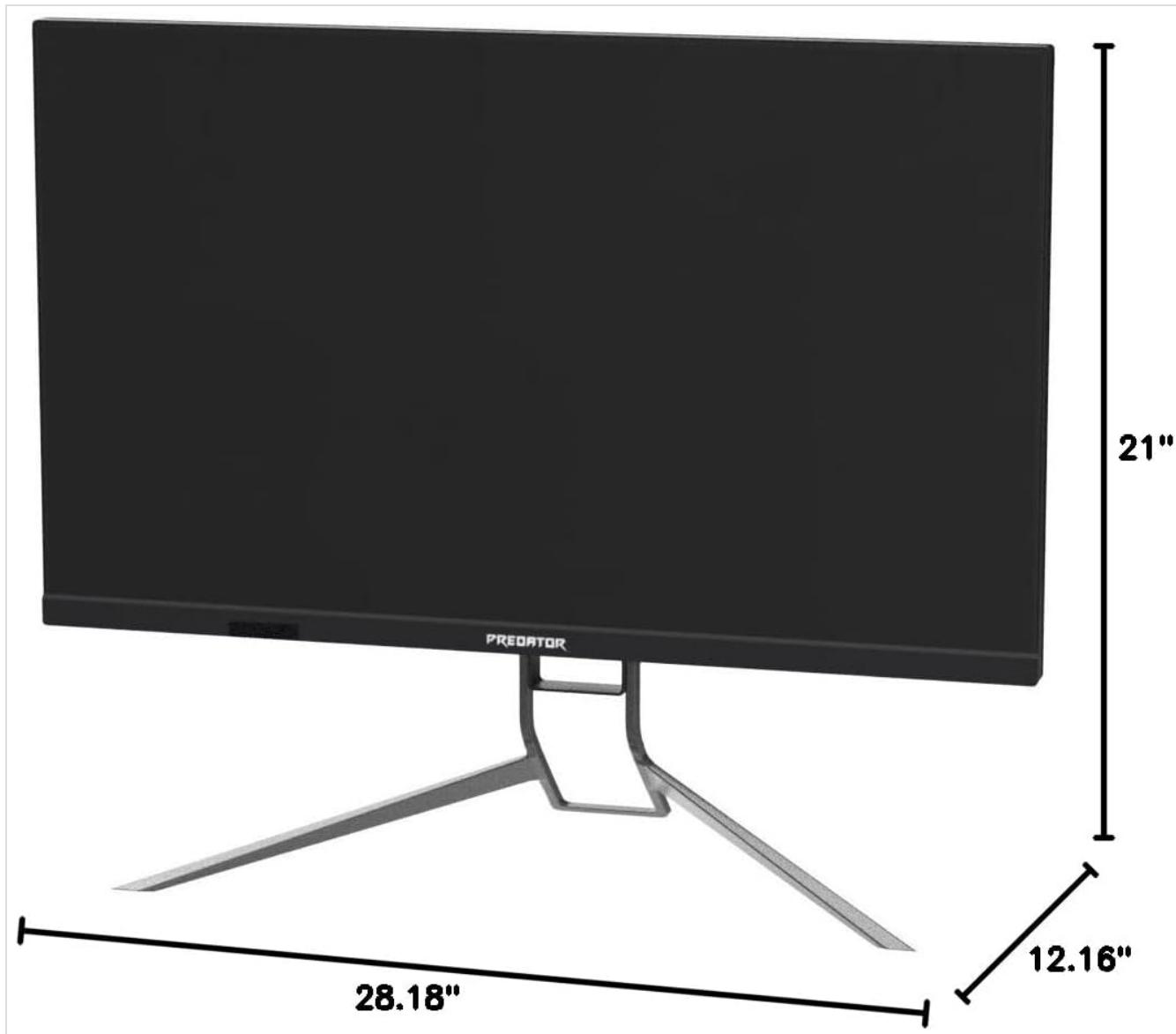
Explanation of Agile-Splendor IPS technology, highlighting its fast liquid crystal and wide color gamut for premium viewing.

		FULL HD 1920x1080	WQHD 2560x1440	UHD 4K
HDMI 2.1	PS5 120Hz	-	120Hz	
XBOX SERIES X	120Hz	120Hz	120Hz	

TUV/Eyesafe certification for low blue light and color accuracy, promoting eye comfort.

## 6. SPECIFICATIONS

Feature	Detail
Screen Size	31.5 Inches
Resolution	UHD (3840 x 2160)
Panel Type	Agile-Splendor IPS
Refresh Rate	144Hz
Response Time	Up to 0.5ms (G to G)
HDR Certification	VESA Certified DisplayHDR 400
Color Gamut	DCI-P3 90%
Color Accuracy	Delta E<1
G-SYNC Compatibility	NVIDIA G-SYNC Compatible
Connectivity	1x USB-C (65W PD), 1x DisplayPort 1.4, 2x HDMI 2.1, 4x USB 3.0
Speakers	2 x 4 Watts
Ergonomics	Tilt (-5° to 25°), Height (5.12" range), Swivel (+/- 30°)
Dimensions (LxWxH)	28.18 x 12.16 x 21 inches
Weight	31.8 pounds
Model Number	UM.JX3AA.V01



Dimensional overview of the Acer Predator XB323QK monitor.

## 7. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, 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 casing. Avoid abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are clear and not obstructed to prevent overheating.
- **OLED Care Features:** This monitor may include features like Pixel Shift, Panel Protect, and Pixel Refresh designed to mitigate potential OLED burn-in. Consult the OSD menu for these settings and enable them as recommended for optimal panel health.

## 8. TROUBLESHOOTING

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

- **No Power:** Check if the power cable is securely connected to both the monitor and the power outlet. Ensure the power outlet is functional.
- **No Signal:** Verify that the video cable (DisplayPort, HDMI, or USB-C) is correctly connected to both the monitor and your computer/device. Ensure the correct input source is selected in the OSD menu.

- **Flickering/Image Issues:** Check your graphics card drivers for updates. Ensure the video cable is not damaged. Try a different cable or port. For OLED-specific flickering, especially with Variable Refresh Rate (VRR), ensure your monitor's firmware is updated to the latest version (e.g., version 011 or newer, as mentioned in some reviews, for optimal input lag and VRR performance).
- **Poor Picture Quality:** Adjust brightness, contrast, and color settings in the OSD menu. Ensure the monitor is set to its native resolution (3840 x 2160) and desired refresh rate (144Hz).
- **Burn-in/Image Retention:** While OLED technology has advanced, static images displayed for extended periods can still pose a risk. Utilize the monitor's built-in OLED care features (Pixel Shift, Panel Protect, Pixel Refresh) to minimize this risk. Avoid displaying static elements (like taskbars or desktop icons) for prolonged durations.

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included in your product packaging or visit the official Acer support website. For technical assistance, driver downloads, or further troubleshooting, please contact Acer customer support.

## 10. OFFICIAL PRODUCT VIDEOS

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No official seller videos directly pertaining to the Acer Predator XB323QK NVbmiiphuzx monitor were found in the provided data. Please refer to the Acer official website or authorized channels for product videos.