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> Acer Nitro XZ342CU Sbmiipphx 34-inch Curved Gaming Monitor User Manual

## Acer XZ342CU Sbmiipphx

# Acer Nitro XZ342CU Sbmiipphx 34-inch Curved Gaming Monitor User Manual

Model: XZ342CU Sbmiipphx (UM.CX2AA.S01)

## 1. INTRODUCTION

Thank you for choosing the Acer Nitro XZ342CU Sbmiipphx 34-inch Curved Gaming Monitor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new monitor. Please read it thoroughly to ensure optimal performance and longevity of your device.



Figure 1.1: Acer Nitro XZ342CU Sbmiipphx Curved Gaming Monitor

The Acer Nitro XZ342CU Sbmiipphx is a 34-inch QHD (3440 x 1440) 1500R curved gaming monitor designed for an immersive visual experience. It features AMD FreeSync Premium technology, a 165Hz refresh rate, and a 1ms Visual Response Boost (VRB) for smooth, tear-free gameplay. With VESA Certified DisplayHDR 400 and 90% DCI-P3 color gamut, it delivers vibrant and accurate colors.

## 2. WHAT'S IN THE BOX

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Please check that all the following items are present in your package:

- Acer Nitro XZ342CU Sbmiipphx Monitor
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable
- DisplayPort Cable

## 3. SETUP

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### 3.1 Assembling the Monitor Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor. Ensure it clicks securely into place.
3. Attach the stand base to the stand neck. Tighten the screw at the bottom of the base to secure it.

### 3.2 Connecting the Monitor

Connect the monitor to your computer or other devices using the provided cables.



Figure 3.1: Monitor Rear Ports

The image displays the rear of the monitor, highlighting the input ports. You can see the HDMI and DisplayPort connections, which are essential for connecting the monitor to your computer or other video sources.

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Connection:**
  - For optimal performance, use the supplied DisplayPort cable to connect your computer's DisplayPort output to one of the monitor's DisplayPort 1.4 inputs.
  - Alternatively, use the supplied HDMI cable to connect your computer's HDMI output to one of the monitor's HDMI 2.0 inputs.

### 3.3 Initial Power On

After connecting all necessary cables, press the power button on the monitor to turn it on. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the On-Screen Display (OSD) menu.

Your browser does not support the video tag.

Video 3.1: Product Overview

This video provides a general overview of the Acer Nitro XZ342CU Sbmiipphx monitor, demonstrating its features and connectivity options. It can assist with initial setup and understanding the product's capabilities.

## 4. OPERATING THE MONITOR

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### 4.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will show the monitor's status.

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

The monitor features an intuitive OSD menu for adjusting various settings. Typically, a joystick or a set of buttons on the back or bottom of the monitor allows you to navigate the menu. Press the joystick/button to open the OSD, then move it up/down/left/right to select options and confirm choices.

### 4.3 Key Features and Settings

- **AMD FreeSync Premium:** This technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a smoother gaming experience. Ensure FreeSync is enabled in both the monitor's OSD and your graphics card settings.



Figure 4.1: AMD FreeSync Premium in Action

This image illustrates the visual difference with AMD FreeSync Premium enabled, showing a clear and fluid image on the right compared to a torn image on the left during a fast-paced sports scene.

- **165Hz Refresh Rate:** Provides ultra-smooth motion for fast-paced games and content. Set your display refresh rate to 165Hz in your operating system's display settings.



Figure 4.2: 165Hz Refresh Rate

The image demonstrates the benefit of a 165Hz refresh rate in a gaming environment, with the right side showing significantly smoother and clearer motion compared to the left.

- **1ms Visual Response Boost (VRB):** Reduces motion blur in fast-moving images. This setting can be adjusted in the OSD menu.

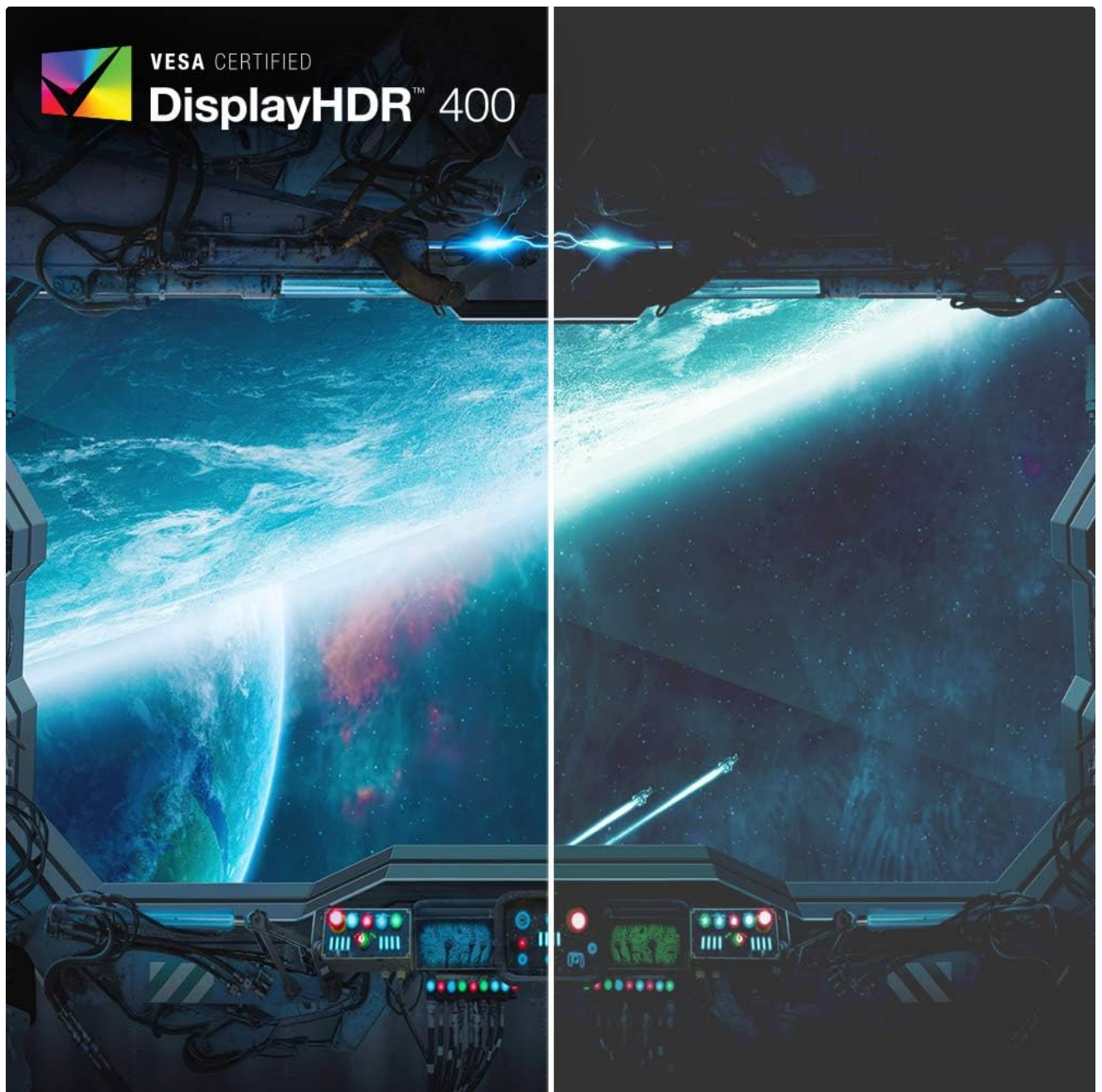


Figure 4.3: 1ms VRB Response Time

This image compares a racing scene, showing how 1ms VRB (right side) effectively reduces motion blur, resulting in a sharper and more detailed image during high-speed movement.

- **VESA Certified DisplayHDR 400:** Enhances contrast and color accuracy, providing brighter whites and deeper blacks for a more dynamic visual experience.



Figure 4.4: VESA Certified DisplayHDR 400

The image demonstrates the impact of VESA Certified DisplayHDR 400 on a space scene, with the right side displaying enhanced contrast and more vivid colors compared to the standard image on the left.

- **90% DCI-P3 Color Gamut:** Delivers a wider range of colors, making images more vibrant and true-to-life.



Figure 4.5: DCI-P3 90% Color Gamut

This image illustrates the expanded color range provided by 90% DCI-P3, showing a car scene with noticeably richer and more accurate colors on the right side.

- **Ergonomic Adjustments:** The monitor stand allows for height adjustment (5.11 inches range) and tilt ( $-5^{\circ}$  to  $15^{\circ}$ ) to optimize your viewing comfort.



Figure 4.6: Monitor Side Profile

The image displays the monitor from a side angle, highlighting its slim design and the adjustable stand that allows for tilt and height modifications.

- **Zero-Frame Design:** Minimizes bezels for a more expansive viewing area, ideal for multi-monitor setups.
- **Integrated Speakers:** The monitor includes 2 speakers, 2 watts per speaker, for basic audio output.

## 5. MAINTENANCE

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### 5.1 Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the screen or casing.

## 6. TROUBLESHOOTING

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

| Problem                      | Possible Solution                                                                                                                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No image on screen           | Ensure the power cord is securely connected and the monitor is powered on. Check that the video cable (HDMI/DisplayPort) is firmly connected to both the monitor and your computer. Verify the correct input source is selected in the OSD menu. |
| Image is blurry or distorted | Check the display resolution settings on your computer and ensure they match the monitor's native resolution (3440 x 1440). Adjust the refresh rate in your computer's display settings.                                                         |
| Screen flickering            | Ensure AMD FreeSync Premium is enabled in both the monitor's OSD and your graphics card control panel. Check for updated graphics drivers. Try a different video cable.                                                                          |
| Colors appear incorrect      | Adjust color settings (brightness, contrast, gamma) in the OSD menu. Ensure DisplayHDR 400 is enabled if desired and supported by your content.                                                                                                  |
| No sound from speakers       | Check the volume settings on both the monitor and your computer. Ensure the audio output is set to the monitor in your computer's sound settings.                                                                                                |

## 7. SPECIFICATIONS

| Feature            | Specification                 |
|--------------------|-------------------------------|
| Brand              | Acer                          |
| Model Name         | Nitro XZ342CU Sbmiipphx       |
| Model Number       | UM.CX2AA.S01                  |
| Screen Size        | 34 Inches                     |
| Resolution         | QHD Wide 3440 x 1440 Pixels   |
| Aspect Ratio       | 21:9                          |
| Curvature          | 1500R                         |
| Refresh Rate       | Up to 165 Hz                  |
| Response Time      | 1 Millisecond (VRB)           |
| Panel Type         | VA                            |
| Display Technology | LED LCD                       |
| Brightness         | 400 Nit                       |
| Contrast Ratio     | 100,000,000:1 (Dynamic)       |
| Color Gamut        | DCI-P3 90%                    |
| HDR Support        | VESA Certified DisplayHDR 400 |
| Adaptive Sync      | AMD FreeSync Premium          |

| Feature                     | Specification                                            |
|-----------------------------|----------------------------------------------------------|
| Viewing Angle               | 178 Degrees                                              |
| Ports                       | 2 x DisplayPort 1.4, 2 x HDMI 2.0                        |
| Speakers                    | 2 x 2 Watt Speakers                                      |
| Ergonomics                  | Tilt: -5° to 15°, Height Adjustment: 5.11", Swivel: 360° |
| Mounting Type               | Wall Mount (VESA compatible)                             |
| Item Dimensions (D x W x H) | 10.59"D x 31.84"W x 19.5"H                               |
| Item Weight                 | 19.05 Pounds                                             |



Figure 7.1: Monitor Dimensions

This diagram provides the key dimensions of the monitor, including its width, height, and depth, which are useful for planning your desk setup.

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

This Acer Nitro monitor comes with a **3-year parts and labor warranty**. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use conditions.

### 8.2 Customer Support

For technical assistance, warranty service, or further inquiries, please contact Acer customer support. Visit the official Acer website for contact details and support resources.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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#### Question

Example: How do I reset this device or fix this error?

#### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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