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acer ED320QR S3

Acer Nitro ED320QR S3 Gaming Monitor User Manual

Model: ED320QR S3

INTRODUCTION

This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Acer Nitro ED320QR S3 Full HD Gaming LCD Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety.



Image: Front view of the Acer Nitro ED320QR S3 Gaming Monitor, showcasing its curved display and sleek design.

SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the monitor and to ensure your personal safety:

- Do not place the monitor on an unstable cart, stand, or table.
- Do not block ventilation openings.
- Do not use near water.
- Do not place heavy objects on the power cord.
- Use only the power cord and adapter provided with the monitor.
- Refer all servicing to qualified service personnel.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x Nitro ED320QR S3 Widescreen Gaming LCD Monitor
- 1 x HDMI Cable
- 1 x Power Cord (US)

SETUP

1. Assembling the Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, securing it with the provided screw.
3. Align the assembled stand with the mounting holes on the back of the monitor.
4. Gently push the stand into place until it clicks or secure it with the designated screws.

2. Connecting Cables

Connect the necessary cables to the monitor's input ports. Ensure the monitor is powered off before making connections.

- **Power Cable:** Connect the power cord to the monitor's power input and then to a power outlet.
- **HDMI Cable:** Connect one end of the HDMI cable to the HDMI port on your computer or gaming console and the other end to an HDMI input port on the monitor.
- **DisplayPort Cable (Optional):** If using DisplayPort, connect one end of the DisplayPort cable to your computer's DisplayPort output and the other end to the DisplayPort input on the monitor.



Image: Rear view of the Acer Nitro ED320QR S3 Gaming Monitor, showing the various input ports including HDMI and DisplayPort.

3. Initial Power On

After connecting all cables, press the power button located on the monitor to turn it on. The monitor should automatically detect the active input source.

OPERATING

On-Screen Display (OSD) Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Access the OSD by pressing the OSD button (usually located on the back or bottom right of the monitor). Use the navigation buttons or joystick to move through the menu options and confirm selections.

Picture Settings

Within the OSD, navigate to the 'Picture' menu to adjust settings such as:

- **Brightness:** Adjusts the overall luminance of the screen.
- **Contrast:** Controls the difference between light and dark areas.
- **Color Temperature:** Selects preset color temperatures (e.g., Warm, Cool, User).
- **Gamma:** Adjusts the tone response curve.

Input Selection

If you have multiple devices connected, use the OSD or a dedicated input selection button to switch between HDMI and DisplayPort inputs.

Gaming Features

The Acer Nitro ED320QR S3 monitor includes features designed to enhance your gaming experience:

- **FreeSync Premium (HDMI VRR):** Enables dynamic refresh rates for tear-free and stutter-free gaming when connected to compatible graphics cards. Ensure this feature is enabled in your graphics card settings.
- **Response Time:** The 1ms response time minimizes motion blur and ghosting in fast-paced scenes.
- **Refresh Rate:** The 165 Hz refresh rate provides smoother visuals compared to standard monitors.

MAINTENANCE

Cleaning the Monitor

To clean the monitor screen and casing:

- Turn off the monitor and unplug the power cord.
- 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 benzene, thinner, ammonia, or abrasive cleaners.

Storage

When storing the monitor for an extended period, ensure it is kept in a cool, dry place, preferably in its original packaging to protect it from dust and physical damage.

TROUBLESHOOTING

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

Problem	Possible Solution
No image on screen	Ensure power cable is securely connected. Check video cable connection (HDMI/DisplayPort). Verify the correct input source is selected.
Image is blurry or distorted	Adjust resolution settings on your computer to 1920 x 1080. Check cable connections for looseness or damage.
Screen flickering	Ensure the refresh rate is set correctly (e.g., 165 Hz). Check for external interference. Update graphics card drivers.
No sound (if applicable)	Check audio output settings on your computer. Ensure monitor volume is not muted or too low.

SPECIFICATIONS

Key technical specifications for the Acer Nitro ED320QR S3 Gaming Monitor:

Feature	Specification
Screen Size	31.5 Inches
Max Screen Resolution	1920 x 1080 Pixels (Full HD)
Aspect Ratio	16:9
Panel Type	Vertical Alignment (VA)
Refresh Rate	165 Hz
Response Time	1 ms
Brightness	250 Nit
Color Support	16.7 Million Colors
Adaptive Sync Technology	FreeSync Premium (HDMI VRR)
Connectivity	HDMI, DisplayPort
Item Weight	13.69 pounds
Product Dimensions	7.8 x 27.9 x 20.27 inches

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Acer support website. Keep your purchase receipt as proof of purchase for warranty claims.

For additional assistance, you may visit the [Acer Store on Amazon](#) or the official Acer support portal.

