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LG 32QN650-B

LG 32QN650-B 32-inch QHD IPS Monitor Instruction Manual

Model: 32QN650-B

Introduction

This manual provides essential information for the safe and efficient use of your LG 32QN650-B 32-inch QHD (2560 x 1440) IPS Computer Monitor. Please read this manual thoroughly before operating the product and retain it for future reference.

Important Safety Information

Observe the following safety precautions to prevent damage to the product or injury to yourself and others.

- Do not place the monitor near heat sources or in direct sunlight.
- Ensure proper ventilation around the monitor.
- Use only the power cord and adapter supplied with the monitor.
- Do not insert any metallic objects into the monitor's openings.
- Disconnect the power plug from the wall outlet if the monitor will not be used for an extended period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.

Package Contents

Verify that all components are present in your product box:

- LG 32QN650-B Monitor Display
- Stand Base
- Stand Pillar
- Power Cord

- HDMI Cable
- DisplayPort Cable
- User Manual (this document)

Setup Instructions

1. Assembling the Stand

1. Attach the stand base to the stand pillar. Secure it with the captive screw located on the bottom of the base.
2. Carefully place the monitor display face down on a soft, clean surface to prevent scratches.
3. Align the assembled stand pillar with the mounting slot on the back of the monitor. Push firmly until it clicks into place.



Image: Front view of the LG 32QN650-B monitor with its stand assembled, showing the display and curved base.

2. Connecting Cables

Connect the necessary cables to the monitor and your computer.

- **Power Connection:** Connect the power cord to the DC power port on the back of the monitor, then plug the other end into a wall outlet.
- **Video Connection (HDMI):** Connect one end of the HDMI cable to an HDMI port on your computer and the other end to one of the HDMI IN ports on the monitor.
- **Video Connection (DisplayPort):** Alternatively, connect one end of the DisplayPort cable to a DisplayPort on your computer and the other end to the DP IN port on the monitor.
- **Audio Connection (Optional):** If desired, connect headphones to the headphone port on the monitor.



Image: Rear view of the LG 32QN650-B monitor, highlighting the various input ports for power, video, and audio connections.

3. Initial Power On

Press the power button (joystick) located on the bottom center of the monitor to turn it on. The monitor will automatically detect the input signal.

Operating Instructions

1. Using the Joystick Button

The monitor features a single joystick button located on the bottom center for power control and menu navigation.

- **Power On/Off:** Press the joystick button once to turn the monitor on. Press and hold for a few seconds to turn it off.
- **Menu Access:** With the monitor on, press the joystick button once to bring up the main menu.
- **Navigation:** Move the joystick left, right, up, or down to navigate through menu options.
- **Selection:** Press the joystick button inward to select an option.

2. Adjusting Display Settings

Access the On-Screen Display (OSD) menu using the joystick button to customize your viewing experience.

- **Picture Mode:** Select from various preset picture modes (e.g., Custom, Reader, Photo, Cinema, HDR Effect, FPS, RTS) to optimize the display for different content.
- **Brightness/Contrast:** Adjust these settings to suit your environment and preference.
- **Color Settings:** Fine-tune color temperature, gamma, and other color-related options. The monitor supports sRGB 99% color gamut and is color calibrated for accuracy.
- **HDR10:** This monitor supports HDR10 for enhanced contrast and color in compatible content. Ensure HDR is enabled in your operating system settings for optimal performance.
- **AMD FreeSync:** Enable FreeSync in the OSD menu and your graphics card settings to synchronize the monitor's refresh rate with your GPU's frame rate, reducing screen tearing and stuttering during gaming.
- **Reader Mode:** Reduces blue light emissions to help alleviate eye strain during long periods of reading.
- **Flicker Safe:** Minimizes screen flicker to provide a more comfortable viewing experience.
- **Dynamic Action Sync (DAS):** Reduces input lag, making real-time strategy (RTS) games and other fast-paced content more responsive.
- **Black Stabilizer:** Enhances visibility in dark scenes, allowing you to see details that might otherwise be hidden.



Image: Visual representation of HDR10 technology, demonstrating its impact on image quality with improved contrast and vibrant colors.



Image: Illustration of AMD FreeSync in action, depicting how it eliminates screen tearing for fluid gaming visuals.

3. Adjusting the Stand

The monitor stand allows for height and tilt adjustments to achieve an ergonomic viewing position.

- **Height Adjustment:** Gently push or pull the monitor up or down to adjust its height.
- **Tilt Adjustment:** Hold the top and bottom edges of the monitor and gently tilt it forward or backward to adjust the viewing angle.

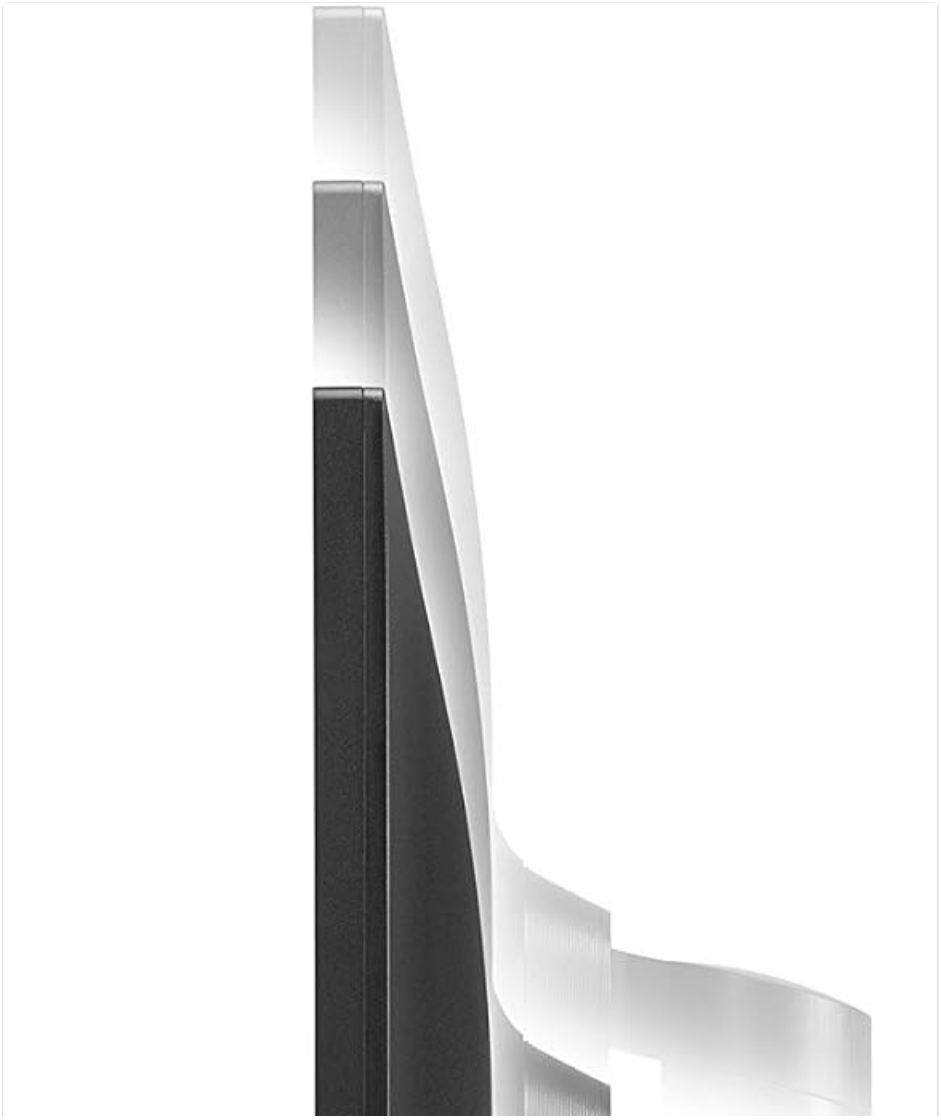




Image: Side profile of the monitor demonstrating its adjustable height feature, with multiple positions shown.





Image: Side profile of the monitor illustrating its tilt adjustment capability, allowing the screen to angle up or down.

Maintenance and Care

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a specialized screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using abrasive cleaners or

solvents.

- **Storage:** If storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place, preferably in its original packaging.

Troubleshooting

Problem	Possible Cause	Solution
No power	Power cord not connected or power outlet not working.	Ensure the power cord is securely connected to the monitor and the wall outlet. Test the outlet with another device.
No image on screen	Video cable not connected or incorrect input selected.	Check that the HDMI or DisplayPort cable is securely connected to both the monitor and the computer. Use the joystick button to select the correct input source.
Image is blurry or distorted	Incorrect resolution or refresh rate settings.	Set the display resolution to 2560 x 1440 and refresh rate to 75Hz in your computer's display settings.
Screen flickering	Flicker Safe feature disabled or external interference.	Enable Flicker Safe in the OSD menu. Check for nearby electronic devices that might cause interference.
No sound from headphones	Headphones not connected properly or audio settings incorrect.	Ensure headphones are fully plugged into the monitor's headphone jack. Check audio output settings on your computer.

Technical Specifications

Feature	Detail
Model Name	32QN650-B
Screen Size	32 Inches
Display Type	IPS LED
Resolution	QHD (2560 x 1440)
Aspect Ratio	16:9
Refresh Rate	75 Hz
Response Time	5 Milliseconds (GtG)

Feature	Detail
Brightness	350 cd/m² (Typical)
Contrast Ratio	1000:1 (Typical)
Color Gamut	sRGB 99%
Viewing Angle	178° (H/V)
HDR Support	HDR10
Adaptive Sync	AMD FreeSync
Connectivity	2 x HDMI, 1 x DisplayPort, 1 x Headphone Out
Stand Features	Tilt, Height Adjustment
Wall Mountable	Yes (VESA compatible)
Dimensions (W x D x H)	28.1" x 8.2" x 20.2" (with stand)
Weight	18.1 Pounds (with stand)
Power Consumption	240 Volts (Input)



Image: Dimensional drawing of the LG 32QN650-B monitor, indicating its width, depth, and height with the stand.

Warranty Information

This LG monitor comes with a **Limited: 1 Year Parts & Labor** warranty. For detailed terms and conditions, please refer to the warranty card included in your package or visit the official LG website.

Customer Support

For technical assistance, product registration, or service inquiries, please contact LG Customer Service or visit the official LG website:

- **LG Official Website:** www.lg.com
- Refer to your product's documentation for specific regional contact information.

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