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LG 32UN880-B 32" UltraFine UHD 4K IPS Display Ergo Monitor Instruction Manual

Model: 32UN880-B

1. INTRODUCTION

The LG 32UN880-B is a 32-inch UltraFine UHD 4K (3840 x 2160) IPS Display Ergo Monitor designed for enhanced productivity and ergonomic comfort. This monitor features HDR 10 support, USB Type-C connectivity with 60W power delivery, and a DCI-P3 95% color gamut. Its ergonomic stand with a C-clamp allows for extensive adjustability to suit various workstation needs.

2. SETUP

2.1. Unpacking and Initial Assembly

Carefully remove all components from the packaging. The monitor comes with a pre-assembled ergonomic stand featuring a C-clamp for desk attachment. Ensure your desk surface is suitable for the C-clamp, requiring approximately 4 inches of overhang for secure installation.



Figure 1: Front view of the LG 32UN880-B monitor on a desk.

2.2. Attaching to Desk with C-Clamp

Position the C-clamp base on the edge of your desk. Tighten the screw mechanism until the monitor stand is firmly secured to the desk. The stand is designed to hold the monitor securely and provide stability for all adjustments.



Figure 2: Close-up of the C-clamp securing the monitor stand to a desk.

2.3. Cable Management

The ergonomic stand includes an integrated cable management system. Route your cables (power, USB-C, HDMI, etc.) through the designated channels in the stand's arm and pillar for a tidy and organized workspace.

3. OPERATING THE MONITOR

3.1. Power On/Off and Automatic Detection

Once connected to a power source and a compatible device, the monitor will automatically power on and detect the input signal. No manual power button press is typically required for initial startup or when connecting a device.

3.2. Connectivity Options

The LG 32UN880-B offers versatile connectivity:

- **USB Type-C:** Connect compatible laptops or devices using a single USB-C cable for video, data, and up to 60W power delivery.
- **HDMI:** Two HDMI 1.4 ports are available for connecting various devices.
- **DisplayPort:** One DisplayPort 1.2 input is provided.

- **USB 3.0 Hub:** Two downstream USB 3.0 ports are available for connecting peripherals.
- **3.5mm Audio Jack:** For external audio output.



Figure 3: Rear view of the monitor's connectivity ports.

3.3. On-Screen Display (OSD) Control

The monitor features a joystick-style button located on the bottom center for navigating the On-Screen Display (OSD) menu. This allows you to adjust settings such as brightness, contrast, color modes, input selection, and audio volume.

3.4. External Audio Control

The monitor includes external audio speakers. Volume can be controlled directly via the OSD joystick, allowing for quick adjustments without needing to navigate operating system settings.

4. ERGONOMIC FEATURES

The LG Ergo Stand provides extensive flexibility for optimal viewing comfort and workspace efficiency:

- **Extend/Retract:** Adjust the monitor's distance from you.
- **Swivel:** Rotate the monitor horizontally to share your screen or adjust your viewing angle.
- **Height Adjustment:** Easily move the monitor up or down to eye level, whether sitting or standing.
- **Pivot:** Rotate the screen 90 degrees for vertical orientation, ideal for coding, document review, or long web pages.
- **Tilt:** Adjust the vertical angle of the screen to minimize glare and optimize viewing.



Figure 4: Monitor pivoted to vertical orientation.



Figure 5: Monitor with screen tilted for optimal viewing angle.

5. DISPLAY QUALITY

The 32UN880-B monitor delivers a high-quality visual experience:

- **Resolution:** 32" UltraFine UHD 4K (3840 x 2160) IPS Display for sharp and detailed images.
- **Panel Type:** IPS (In-Plane Switching) technology ensures wide viewing angles (178° R/L, 178° U/D) and consistent color reproduction.
- **Color Gamut:** DCI-P3 95% (D65) for accurate and vibrant colors, suitable for creative professionals.
- **HDR Support:** HDR 10 compatibility enhances contrast and color depth for supported content.
- **Brightness:** 350 nits (typical) provides ample brightness for various lighting conditions.

- **Surface Treatment:** Anti-Glare coating reduces reflections and eye strain.
- **Design:** 3-Side Virtually Borderless Design maximizes screen space and provides an immersive viewing experience.

6. SPECIFICATIONS

Feature	Detail
Standing screen display size	31.5 Inches
Screen Resolution	3840x2160 (4K UHD 2160p)
Panel Type	IPS
Aspect Ratio	16:9
Brightness	350nits (typ)
Contrast Ratio	1000:1
Color Gamut	DCI-P3 95% (D65)
HDR Support	HDR 10
Viewing Angle	178°(R/L), 178°(U/D)
Surface Treatment	Anti-Glare (Matte)
USB Type-C	1 (with 60W PD)
HDMI	2
DisplayPort	1
USB 3.0 Ports	2 (downstream)
Audio Out	3.5mm Headphone Jack
Power Input	100-240 Vac, 50/60 Hz
Power Consumption (Max)	55W
Item Weight	22.7 pounds
Product Dimensions	16 x 28.1 x 25.2 inches

7. TROUBLESHOOTING

- **Screen Flickering/Image Distortion:** If the screen flickers or distorts after a prolonged sleep session, it may indicate a power supply or power management issue. Try cutting power to the monitor and restarting it. If the issue persists, contact LG support for a replacement.
- **Retina Resolution on Mac Mini:** To achieve retina resolutions with a Mac Mini, use a USB-C or DisplayPort to USB-C connection. Using HDMI may result in text appearing too small or too large.
- **Monitor Not Going to Sleep:** The monitor is designed to go to sleep according to your computer's settings. Avoid turning it off manually, as this may power down the USB hub on the back.
- **Speaker Volume Control:** Speaker volume is controlled via the monitor's OSD joystick, not directly through the operating system.

- **USB Power for Peripherals:** USB strip lights or other high-power devices may draw too much power from the monitor's USB hub when connected to a Mac Mini. Consider using an external power source for such devices.

8. MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Stand and Body:** Use a soft, damp cloth to wipe down the monitor's body and stand. Avoid abrasive cleaners.
- **Cable Care:** Ensure cables are not excessively bent or strained, especially where they connect to the monitor or pass through the cable management system.

9. OFFICIAL PRODUCT VIDEO

Video 1: Official LG video showcasing the LG UltraFine monitor's features and ergonomic stand. This video highlights the monitor's design and flexibility.