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UPERFECT 15.6

UPERFECT 15.6-inch 4K QLED Portable Monitor User Manual

Model: 15.6 | Brand: UPERFECT

1. Introduction

This manual provides essential information for setting up, operating, and maintaining your UPERFECT 15.6-inch 4K QLED Portable Monitor. Please read this guide thoroughly before using the product to ensure optimal performance and longevity.

2. What's in the Box

- 15.6" 4K Portable Monitor
- Power adapter 30W
- HDMI to MINI HDMI cable
- USB-C to USB-C cable

Image: The UPERFECT 15.6-inch 4K QLED Portable Monitor with its power adapter, HDMI to Mini HDMI cable, and USB-C to USB-C cable.

3. Product Features

3.1 4K UHD (3840x2160) High Resolution

Experience stunning, life-like image quality with the 4K UHD (3840x2160) ultra-high resolution. Each color tone is precisely tuned for excellent accuracy and consistency, from the darkest blacks to the most vivid highlights.

Image: A visual comparison illustrating the enhanced detail and clarity of 4K (3840x2160) resolution compared to 1920x1080 resolution.

3.2 QLED Technology with 100% AdobeRGB

The QLED technology provides a wider color volume (100% AdobeRGB) for purer red, darker green, and brighter blue tones than standard IPS panels. This ensures unwavering color accuracy, ideal for professional photo editing and graphic design.

Image: A graphic illustrating the expanded color capabilities of 100% AdobeRGB, showcasing vibrant and accurate color reproduction.

3.3 400 Nits Brightness

With a peak brightness of 400 nits, the monitor performs effectively in various lighting conditions, allowing you to enjoy rich details and strong contrasts whether editing videos or watching movies.

Image: A visual representation of the monitor's 400 Nits brightness, enhancing color space and picture clarity.

3.4 Ultra High Contrast Ratio

The monitor features an ultra-high contrast ratio of 1200:1, delivering clearer and brighter images with deeper blacks and more vivid whites.

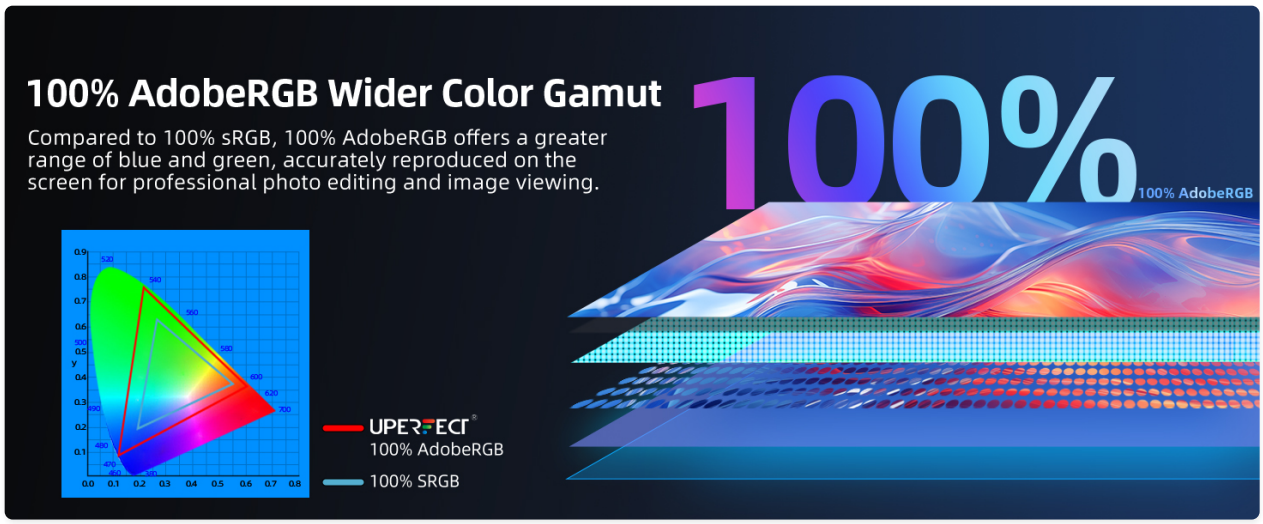

Image: A side-by-side comparison demonstrating the visual improvement with a 1200:1 contrast ratio, making the picture clearer and brighter.

3.5 Smart Cover & VESA Mountable

The monitor includes a durable PU leather Smart Cover that protects the screen and folds into a stand. Additionally, it features VESA (75x75@M4) mounting holes on the back for wall or desktop arm installation.

Image: The monitor shown mounted on a VESA arm, highlighting its 75x75mm VESA compatibility for flexible installation.

3.6 Slim Design and Durable Construction

The monitor features a frameless bezel, 0.23-inch thickness, and is constructed from ultra-light all-aluminum material, offering both portability and rigidity.

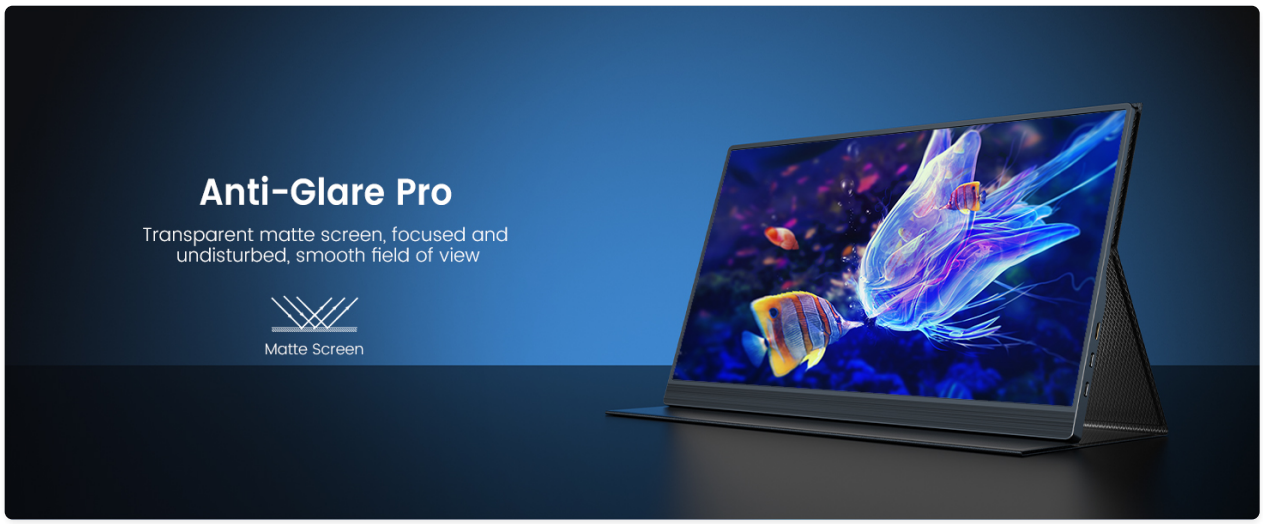

Image: A detailed view of the monitor's slim profile, frameless bezel, and CNC metal wire construction.

3.7 Less Blue Light Feature

Designed with eye care in mind, the monitor incorporates technology to reduce harmful blue light emissions, providing a more comfortable viewing experience.

Image: A graphic illustrating the monitor's Less Blue Light feature, designed for eye comfort during extended use.

3.8 Built-in Speakers

The monitor includes integrated speakers for audio output, enhancing your multimedia experience without needing external speakers.

Image: A visual representation of the monitor's built-in speakers, providing an immersive audio experience.

3.9 Universal Compatibility

The monitor offers broad compatibility with various devices including smartphones, Nintendo Switch, tablets, MacBooks, cameras, laptops, desktop PCs, and game consoles (PS3/4/5).

Image: A graphic showcasing the monitor's wide range of compatible devices, including various computers, consoles, and mobile devices.

4. Setup

4.1 Connecting to Power

1. Connect the provided 30W power adapter to a power outlet.
2. Connect the USB-C end of the power adapter cable to one of the USB-C ports on the monitor.

Note: If your device (e.g., laptop) can provide sufficient power via a single USB-C cable, an external power

adapter may not be necessary. However, for optimal brightness and stable operation, especially with certain devices like M4 MacBooks, using the external power adapter is recommended.

4.2 Connecting to Devices

The monitor supports both USB-C and HDMI connections for video and audio input.

- **USB-C Connection:** Use the provided USB-C to USB-C cable to connect your compatible device (laptop, smartphone, tablet) to either of the USB-C ports on the monitor. This connection can transmit video, audio, and power simultaneously if your device supports it.
- **HDMI Connection:** Use the provided HDMI to Mini HDMI cable to connect your device (PC, game console) to the Mini HDMI port on the monitor. Ensure the monitor is also powered via the USB-C power adapter when using HDMI.

4.3 Using the Smart Cover/Stand

The magnetic Smart Cover can be folded to create a stand for the monitor. Position the monitor in the desired viewing angle by adjusting the folds of the cover. The magnetic design ensures stability.

Image: The monitor positioned using its Smart Cover as a stand, demonstrating its versatility for various viewing angles.

4.4 VESA Mounting

For a more permanent setup, the monitor can be mounted using its VESA 75x75mm pattern. Ensure you use M4 screws of appropriate length (M4x4mm recommended) to avoid damaging internal components.

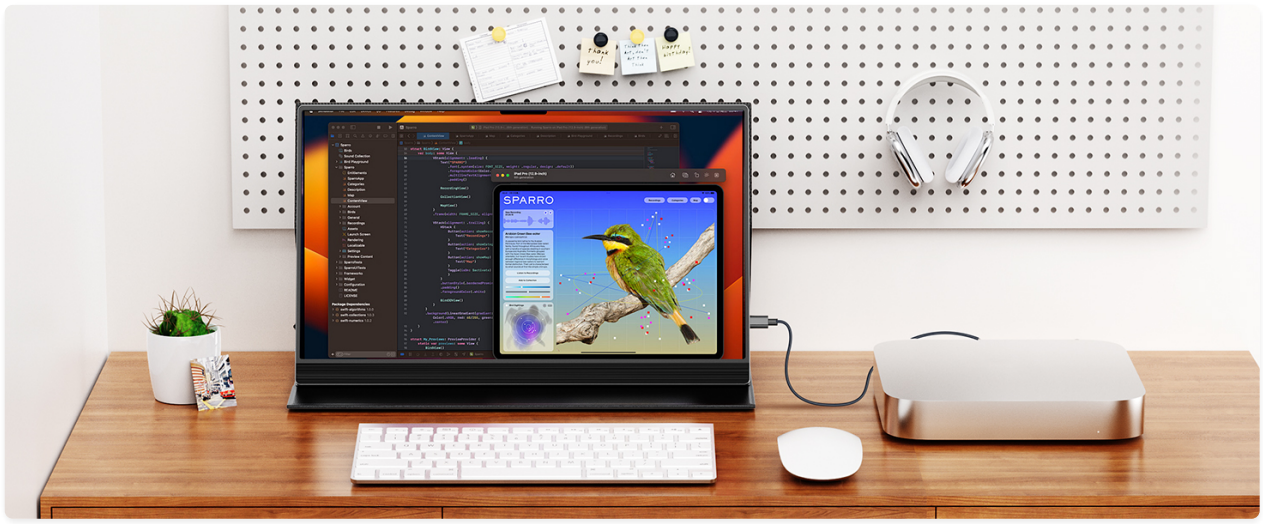

Image: A diagram illustrating the VESA mounting points on the rear of the monitor, specifying the 75x75mm pattern and

M4x4mm screw size.

5. Operating Instructions

5.1 Power On/Off

Press and hold the power button located on the side of the monitor to turn it on or off.

5.2 OSD Menu Navigation

The On-Screen Display (OSD) menu is controlled via a rocker switch. Use the rocker switch to navigate through menu options and adjust settings such as brightness, contrast, color temperature, and input source.

5.3 Adjusting Settings

- **Brightness:** Adjust the screen's luminance.
- **Contrast:** Modify the difference between light and dark areas.
- **Color Settings:** Fine-tune color temperature, hue, and saturation.
- **Input Source:** Manually select between USB-C and HDMI inputs if auto-detection fails.
- **HDR:** Enable or disable High Dynamic Range for compatible content.

Image: A visual demonstration of the difference between HDR Off and HDR On, highlighting improved clarity and vibrancy with HDR enabled.

5.4 Audio Output

Connect headphones or external speakers to the 3.5mm audio jack for private listening or enhanced sound. Adjust volume through the OSD menu or your connected device.

6. Maintenance

6.1 Cleaning the Screen

Gently wipe the screen with a soft, lint-free cloth. For stubborn smudges, lightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.

6.2 General Care

- Avoid exposing the monitor to extreme temperatures or humidity.

- Do not place heavy objects on the monitor.
- Keep the monitor away from direct sunlight to prevent overheating and screen damage.
- When transporting, use the protective Smart Cover to prevent scratches and impacts.

7. Troubleshooting

7.1 No Signal Displayed

- Ensure all cables (power and video) are securely connected.
- Verify the correct input source is selected in the OSD menu.
- Test with a different video cable or device to rule out cable/device issues.

7.2 No Power

- Check if the power adapter is properly connected to both the monitor and a working power outlet.
- If using a single USB-C cable for power and video, ensure your device can supply sufficient power. Try connecting the external power adapter.

7.3 Image Quality Issues (Flickering, Incorrect Resolution)

- Adjust brightness, contrast, and color settings in the OSD menu.
- Ensure your device's display settings are configured for 4K (3840x2160) resolution at 60Hz.
- If experiencing flickering or an unstable signal, particularly with certain laptops (e.g., M4 MacBooks), try powering the monitor with its dedicated external power adapter first, then connect the video cable.

7.4 No Audio Output

- Check the volume settings on both the monitor (via OSD) and your connected device.
- Ensure headphones or external speakers are properly connected to the 3.5mm audio jack.
- Verify that the audio output is routed to the UPERFECT monitor in your device's sound settings.

8. Specifications

Feature	Specification
Screen Size	15.6 Inches
Resolution	3840 x 2160 Pixels (4K UHD 2160p)
Panel Type	QLED
Brightness	400 Candela (Nits)
Color Gamut	100% AdobeRGB
Contrast Ratio	1200:1
Refresh Rate	60Hz (with FreeSync)
Response Time	1ms
Aspect Ratio	16:9

Connectivity	USB-C (x2), Mini HDMI (x1), 3.5mm Audio Jack (x1)
VESA Mount	75x75mm (M4 screws)
Product Dimensions	14 x 8.8 x 0.4 inches
Item Weight	4 pounds
Screen Surface	Matte (Anti-Glare Pro)

9. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official UPERFECT website or contact their customer service directly. Keep your purchase receipt for warranty validation.