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Philips 278E1A

Philips 278E1A 27" 4K UHD IPS Monitor User Manual

Model: 278E1A | Brand: Philips

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INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Philips 278E1A 27" 4K UHD IPS Monitor. Please read this guide thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.

SAFETY INFORMATION

- Ensure the monitor is placed on a stable, flat surface to prevent accidental falls.
- Use only the power adapter and cables supplied by Philips.
- Do not expose the monitor to rain or moisture to avoid electric shock or fire.
- Avoid blocking ventilation openings to prevent overheating.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

SETUP

1. Unpacking and Assembly

Carefully remove the monitor and all components from the packaging. The box should contain the monitor, stand, HDMI cable, power cable, and user documentation.

1. Attach the stand base to the stand neck, securing it with the provided screw.
2. Align the assembled stand with the mounting holes on the back of the monitor and firmly attach it.

2. Connecting Cables

Connect the necessary cables to the monitor and your computer.

- **Power Cable:** Connect one end of the power cable to the monitor's power input and the other end to a power outlet.
- **Video Input:** Connect either an HDMI cable (2 ports available) or a DisplayPort cable (1 port available) from your

computer's video output to the corresponding input on the monitor.

- **Audio Input/Output:** If desired, connect an audio cable from your computer's audio output to the monitor's audio input, or connect external speakers/headphones to the monitor's audio output.



Figure 1: Rear view of the Philips 278E1A monitor, highlighting the HDMI, DisplayPort, and audio input/output ports for connectivity.

3. Initial Power-On

Press the power button located on the bottom right of the monitor to turn it on. The monitor will automatically detect the active input source.

OPERATING INSTRUCTIONS

1. OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the control buttons located on the bottom bezel of the monitor to navigate the menu.

- Press a button to activate the OSD menu.
- Use the directional buttons to move through menu options.

- Press the 'OK' or 'Enter' button to select an option or confirm a setting.
- Press the 'Exit' or 'Back' button to return to the previous menu or exit the OSD.

2. Picture Settings

Adjust display characteristics for optimal viewing.

- **Brightness & Contrast:** Adjust these settings to control the overall luminance and the difference between light and dark areas.
- **Color Settings:** Fine-tune color temperature, gamma, and saturation. The monitor supports 109% sRGB color gamut for accurate color reproduction.
- **SmartContrast:** This feature dynamically analyzes content and automatically adjusts backlight intensity to enhance contrast for optimal digital images and videos.

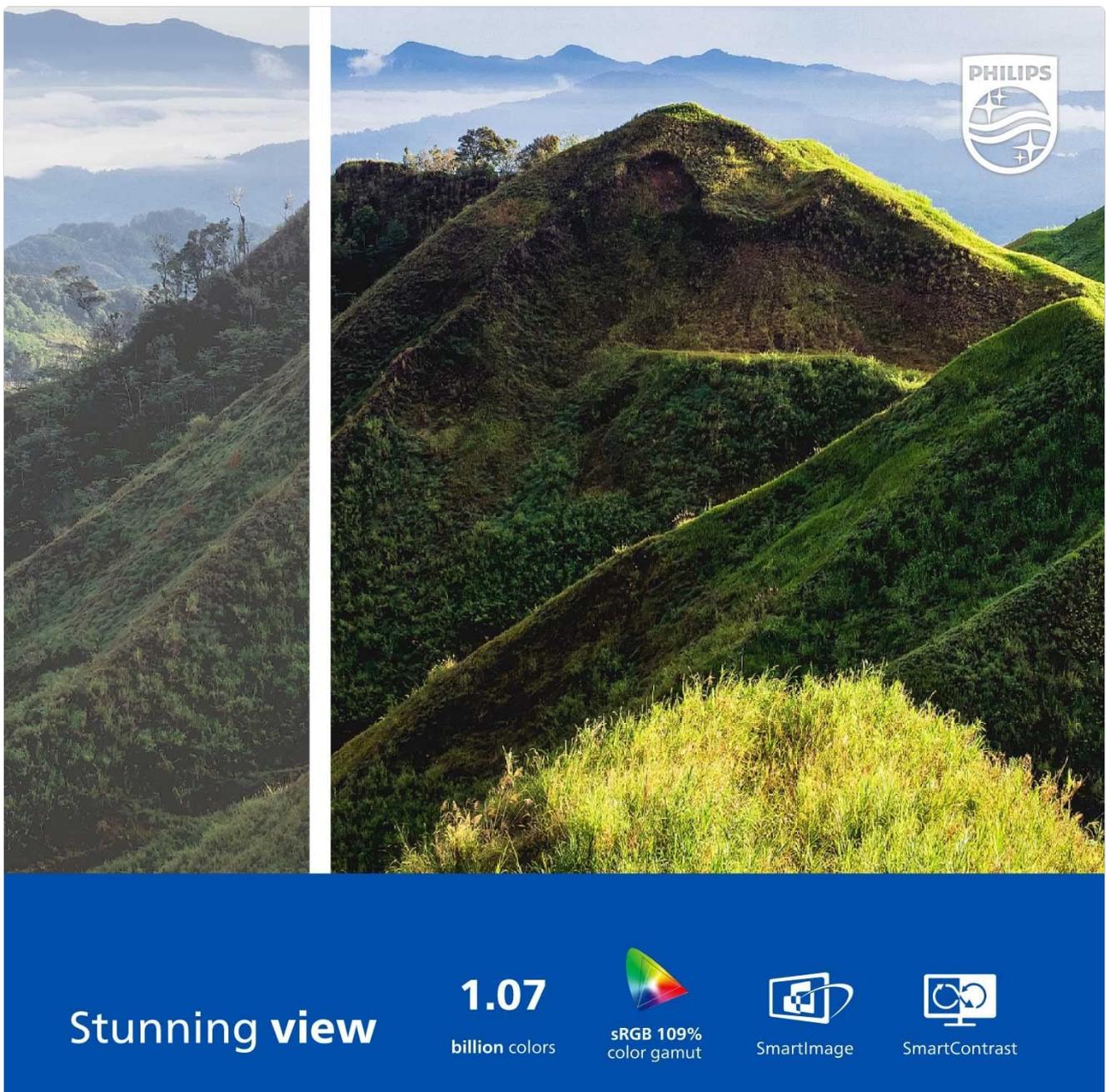


Figure 2: The Philips 278E1A monitor displaying a detailed and colorful mountain scene, illustrating its 4K UHD resolution and wide color gamut.

3. Input Selection

Manually select the desired video input source if the automatic detection does not work or if you have multiple devices

connected.

4. Audio Settings

Control the volume of the built-in speakers or connected audio devices.

5. Eye Care Features

The Philips 278E1A includes features designed to reduce eye strain during prolonged use.

- **Flicker-Free Technology:** Regulates brightness and reduces screen flicker for more comfortable viewing.
- **LowBlue Mode:** A software solution that reduces harmful shortwave blue light emissions from the screen.

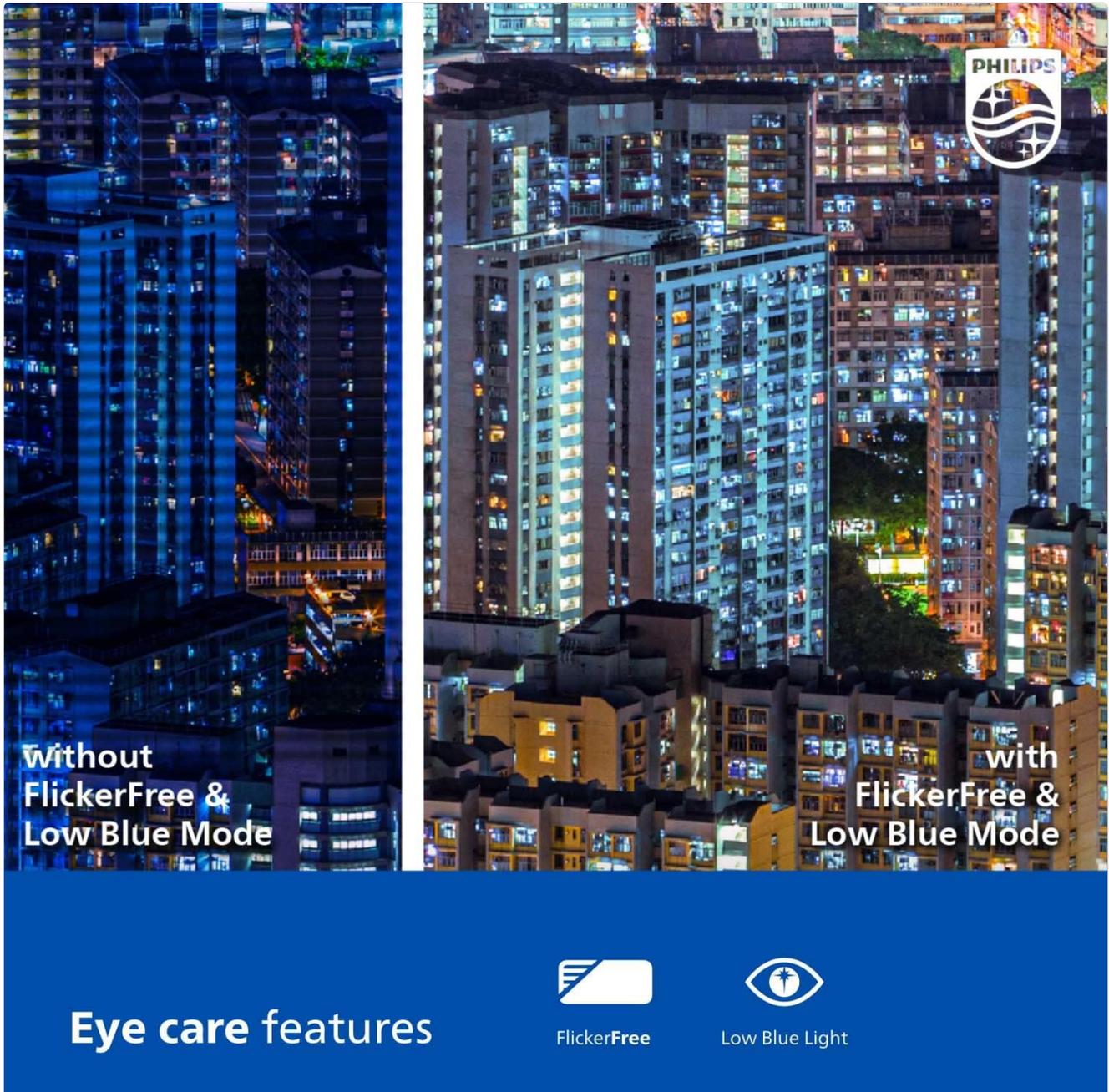


Figure 3: A split image demonstrating the visual difference when LowBlue Mode and Flicker-free technologies are active, reducing eye strain.

6. Frameless Design and Viewing Angles

The monitor features a 3-sided frameless design, ideal for multi-monitor setups, and an IPS panel providing wide 178/178-degree viewing angles for consistent image quality from various perspectives.



Expand
your horizons



3-sided frameless
for multi-monitor setups



Wide viewing angle



VESA mount
support

Figure 4: A multi-monitor arrangement of Philips 278E1A displays, showcasing the minimal bezels and wide viewing angles suitable for extended desktop environments.

MAINTENANCE

1. Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a mild, non-abrasive screen cleaner. Never spray cleaner directly onto the screen.

2. General Care

Keep the monitor away from direct sunlight, excessive heat, and humidity. Avoid placing heavy objects on the monitor or its cables.

TROUBLESHOOTING

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

- **No Power:** Ensure the power cable is securely connected to both the monitor and the power outlet. Check if the power outlet is functional.
- **No Signal:** Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected via the OSD menu.
- **Image Problems (e.g., flickering, distorted colors):** Check cable connections. Adjust picture settings in the OSD menu. If using a DisplayPort connection, ensure your graphics card supports 4K resolution at 60Hz.
- **No Audio:** Check the monitor's volume settings and your computer's audio output settings. Ensure external speakers or headphones are properly connected if used.

For further assistance, please contact Philips customer support.

SPECIFICATIONS

Feature	Detail
Screen Size	27 inches
Resolution	3840 x 2160 (4K UHD)
Panel Type	IPS
Color Gamut	109% sRGB
Connectivity	2x HDMI, 1x DisplayPort, Audio In & Out
Speakers	Built-in (3W stereo)
Dimensions (with stand)	18.1 x 24.1 x 7.6 inches
Weight (with stand)	13.57 pounds
Eye Care Features	Flicker-Free, LowBlue Mode

WARRANTY AND SUPPORT

Warranty Information

Philips monitors sold in the United States come with a 4-Year Advance Replacement Warranty. This warranty minimizes downtime by providing a replacement unit in advance should your monitor require service.

4+4
for peace of mind

 + 

 All Philips monitors sold in the US come with 4-Year Advance Replacement Warranty

 All Philips monitors sold in Canada come with 4-Year warranty

Figure 5: Visual representation of the Philips 4-Year Warranty and Advance Replacement program, ensuring peace of mind for users.

Customer Support

For technical support, warranty claims, or service inquiries, please visit the official Philips support website or contact their customer service hotline. Refer to the documentation included with your product for specific contact details in your region.

PRODUCT VIDEOS

Philips Frameless Monitor Overview

This video provides an overview of the Philips 27-inch frameless monitor, highlighting its features and benefits for various work setups.

Why This Monitor is Top Rated

Learn about the key aspects that make this Philips monitor a top-rated choice, including its display quality and user-friendly features.