

Special Care for OLED Monitors

Displaying a static image for long periods of time can lead to a burn-in effect on this monitor. Therefore, it is recommended to change the screen image often or turn the monitor on and off every 24 hours. In order to properly care of your OLED monitor, please follow the instructions below on how to avoid adverse issues such as burn-in.

Please follow the following points in order to properly care for your OLED monitor:

- Do not display the same image for long periods of time and use a dynamic screen saver to prevent image burn-in.
- Use the full screen mode to prevent a residual menu, browser, or other window border images from appearing.
- Do not apply stickers or labels to the OLED panel as it may cause burn-in.

To provide additional care for your Philips OLED monitor and avoid burn-in, your monitor is equipped with the following features:

Screen Saver

When a static image is detected for a certain period of time, the screen saver function will dim the screen to protect the panel from image sticking, which could lead to burn-in. In contrast, when a moving image is detected, the monitor will recover luminance to previous working status. The screen saver function is enabled by default and is recommended to remain enabled.

Pixel Orbiting

The Pixel Orbiting feature moves the image a couple of pixels at regular intervals to avoid potential image sticking. In normal circumstances, this feature is not noticeable. Pixel Orbiting is enabled by default. It is recommended to keep this function enabled to help protect the screen and reduce the risk of burn-in.

Pixel Refresh

Pixel Refresh prevents image retention on the display. When cumulative screen usage reaches 4 hours or more, Pixel Refresh will automatically start if the monitor is turned off or enters standby mode for 15 minutes. After the process completes successfully, the cumulative usage time resets to 0 hours and tracking restarts.

This monitor includes an Auto Warning function, which is enabled by default. When cumulative screen usage reaches 24 hours, a warning message appears, allowing you to choose whether to run Pixel Refresh. It is recommended to agree and perform Pixel Refresh when prompted. If Pixel Refresh is not executed, a reminder will appear once every hour until the process has been completed.

When the Pixel Refresh process starts, the screen will automatically enter standby mode, and the LED indicator will blink until the process is complete. Once completed, the LED indicator will stop blinking, and the display is restored. If Pixel Refresh cannot be activated when the reminder appears, or if the "Auto Warning" function in the OSD menu is disabled, Pixel Refresh can be manually initiated from the OSD menu as needed.

The following features enhance the visual experience and help provide additional protection against OLED burn-in. It is recommended to enable them in the OSD menu.

- **UniBright**

The Unibright feature unifies the monitor's brightness levels across all windows on the screen.

- **Multi-Logo Protection**

This feature dims the screen brightness when static logos are detected.

- **Zero Frame Delay**

When enabled, this function reduces display latency for a more responsive and smoother visual experience.

This document is available in the Manuals and Documentation section of the corresponding support page on the Philips Website.