EVNIA

Special Care for QD 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 QD 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 QD 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 QD OLED panel as it may cause burn-in.

To provide additional care for your Philips QD 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 default setting for the screen saver function is set at slow and may change to fast if needed.

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. The default setting for Pixel Orbiting is slow and you can select normal or fast to adjust the frequency of shifting. It is highly recommended that Pixel Orbiting always remains on in order to protect the screen and to protect your monitor against burn-in.

Pixel Refresh
The Pixel Refresh feature helps prevent burn-in on the monitor. When cumulative usage reaches 24 hours, the screen will automatically refresh. Additionally, countdown warning messages will appear before reaching the 24-hour limit, after which the refresh will occur automatically. Skipping Pixel Refresh is not possible, as it is a necessary feature to ensure the proper care of your monitor.

When Pixel Refresh is activated, the screen enters standby mode while the process completes, and the LED indicator will blink on and off. Once Pixel Refresh has finished, the LED indicator will stop blinking, and the monitor will return to normal activity. Please note that if the monitor remains in standby mode for over 15 minutes or the user turns off the monitor (with cumulative usage exceeding 16 hours), Pixel Refresh will automatically run. This helps maintain optimal display performance and reduces image retention

There are Auto Pixel Refresh reminders in the On-Screen Display menu (default: On). Before the 24-hour usage limit of the screen is reached, multiple countdown warning messages will appear. When the countdown ends, the screen will perform pixel refresh.

The following features are set to "off" by default, but can further protect your monitor against OLED burn-in. It is recommended to enable these functions to provide additional protection for your panel.

- **Multi-Logo Protection**

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

- **Boundary Dimmer**

  This feature dims the brightness of areas with a significant change in brightness.

- **Taskbar Dimmer**

  This feature dims the brightness of the taskbar area.

- **Thermal Protection**

  This feature keeps the monitor's temperature below 60°C by reducing brightness levels.

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

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