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 four 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 is activated when the screen has passed an accumulative usage of over 4 hours. This is an effort to avoid burn-in on the monitor.

Before self-activating Pixel Refresh, a pop-up message will appear after the 4-hour time limit and the user can choose to activate or skip the refreshing process. If the user chooses to skip the initial Pixel Refresh message, then a reminder will appear every two hours.

When the cumulative usage time reaches 16 hours, the screen will automatically refresh. In addition, six countdown warning messages will appear before reaching the 16 hour time limit and will be presented in the sequence of 10, 5 , 4, 3, 2, and 1 minute(s) and it will automatically refresh. Please note that skipping Pixel Refresh is not possible and is a necessary feature for ensuring the proper care of your monitor.
Therefore, when Pixel refresh is activated, the screen will go into standby mode for a between 6-15 minutes while it completes the entire process and the LED indicator will begin to blink on and off. After the 6-15 minutes of standby mode is done and the Pixel Refresh has finished, the LED indicator will stop blinking. When it is apparent that the Pixel Refresh has finished, the monitor will resume to original activity.

Please note that if it is not possible to activate the Pixel Refresh upon receiving the reminder, then it is possible to program Pixel Refresh on the OSD menu at a time that works best.

The following features have the default setting of "off", however they can be used to further protect your monitor against OLED burn-in. It is recommended that you turn on these functions to further protect your panel:

- **Multi-Logo Protection**
  The Multi-logo protection feature will dim the screen brightness if static logos are detected.
- **Boundary Dimmer**
  The Boundary Dimmer feature will dim the brightness levels of detected areas that have a great change in brightness.
- **Taskbar Dimmer**
  The Taskbar Dimmer feature will dim the brightness of the taskbar area.
- **Thermal Protection**
  The Thermal Protection feature will keep the monitor's temperature under 60 degrees 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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