

Special Care for OLED Monitors

Disclaimer: This document is written specifically for the Philips 27E1N8900 monitor and is not valid for other models.

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 OLED monitor, please follow the instructions below on how to avoid adverse issues such as burn-in. It is also important to note that failure to follow these instructions can cause damage to the monitor and will ultimately void the warranty.

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 default setting for the screen saver function is set at slow and may change to fast if needed.

In order to protect your OLED screen, it is strongly recommended that you maintain the screen saver function. Deactivating the Screen Saver on your monitor will void the three-year OLED warranty.

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. Turning the Pixel Orbiting off will ultimately void the three-year warranty.

Smart Brightness Limiter

When displaying a large window with high brightness, the Smart Brightness Limiter feature will automatically activate and reduce screen brightness to help protect against burn-in during periods of inactivity. To demonstrate that the Smart Brightness Limiter feature has been activated, the LED power indicator on the monitor's bezel will change to amber. The default setting for this feature is "on" and the brightness of the LED indicator can be changed in the monitor's OSD menu. Please note that the turning Smart Brightness Limiter feature off will ultimately void the warranty.

This document is version 1 for the Philips 27E1N8900 and was rectified on November 28, 2023.

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

The warranty for this product is only valid for the EU region. For more information, please consult the Philips warranty policy.