

ASUS ProArt PA24US computer monitor 59.9 cm (23.6") 3840 x 2160 pixels 4K Ultra HD LCD Black

Model: 90LM097A-B01370

Manufacturer: ASUS

EAN: 4711387267080

Product Code: 408643

R44,118

On-set SDI Monitor

ProArt Display PA24US is 23.6-inch 4K HDR monitor offers 187 high PPI IPS panel with 99% Adobe RGB and 95% DCI-P3 coverage to deliver highly accurate colors that bring out the finest details in your creations. 12G-SDI input can receive video signals up to 4K@60Hz and up to quad-view at same time. A built-in motorized flip colorimeter for auto / self calibration to ensure professional-grade color

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accuracy. 600 nits peak brightness with multiple HDR format support provides creators with the ideal platform for working HDR content.

Empowering Content Creators

Digital Imaging Technician (DIT)

Needs a hi-quality SDI monitor for on-set quick color grading and managing production workflow. It can provide precise and true color reproduction and details from camera and present to director/customers.

Colorists

12G-SDI input connection let creators who using SDI PCIe capture cards or capture boxes can be directly connect to the PA24US via SDI instead of HDMI, delivers 4K high quality uncompressed videos to preview precise image performance.

Filmmakers & Video Editors

An ultra-high-resolution with wide-color-gamut monitor performance is a must-have tool for 4K HDR video production. Factory pre-calibration ensures industry-leading color fidelity, and a wide color gamut and Delta E < 1 color difference ensures outstanding color accuracy.

Impeccable 4K HDR Imagery On-set

Uncompressed 4K Video

23.6-inch with 4K UHD (3840 x 2160) panel delivers four times the pixel density and three times more onscreen space than similarly sized FHD displays, resulting in sharper visuals with greater levels of detail.

ProArt Display PA24US features 12G-SDI connection, allows receiving and transmitting uncompressed up to 4K@60Hz video footage directly from camera devices with ultra-low latency.

High Dynamic Range

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ProArt Display PA24US features up to 600 nits of brightness, also passed VESA DisplayHDR 600 certification. Multiple HDR format supports HDR-10 / HLG high dynamic range technology for brighter whites and darker blacks, resulting in a rich and lifelike viewing experience.

Intuitive and Intelligent Calibration

Self Calibration

ProArt Displays now boasts an innovative self-calibration feature for the embedded colorimeter. The self-calibration is a standalone solution without any software and compatible with any operating system. You can directly complete the color calibration and scheduled color calibration functions through the OSD operation of ProArt Display. With this flexibility, you can achieve color consistency anytime and anywhere.

ProArt Calibration

ASUS ProArt Calibration technology saves all color parameter profiles on the ProArt monitor’s internal scaler IC chip, instead of on the PC. The monitor can be calibrated and the look-up table subsequently rewritten, allowing users to connect it to devices with different operating systems or applications without needing to adjust settings.
*ProArt Calibration support will be ready on 2023/Q4 via firmware update.

ProArt Color Center

ProArt Color Center offers remote group control and calibration tools, allowing you to handle these vital tasks from a centralized location. You’ll be able to remote control & group calibration, scheduled calibration and customized color parameters to maintain professional-level accuracy and consistency all the time.

Seamless Calibration

ProArt Displays are compatible with most major calibrators, including those from X-Rite, Datacolor and Klein. They also work seamlessly with Calman and Light Illusion ColourSpace CMS professional hardware calibration software.

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*Calman Ready and Light Illusion ColourSpace CMS support will be ready on 2023/Q4 via firmware update.

Enjoy true-to-life color

PA24US exceeds industry color reproduction standards with its 99% Adobe RGB and 95% DCI-P3 color gamut, and it features true 10-bit color depth to display more than 1.07 billion colors. 600 nits peak brightness to ensure the deepest blacks and brightest whites, enabling PA24US to accurately display the most minute details in shadows and bright highlights for incredibly realistic visuals.

Class-Leading Color Fidelity

Each ProArt display is factory pre-calibrated using a new, three-scale process to guarantee industry-leading color fidelity. The display then undergoes stringent testing using ASUS advanced grayscale tracking technology to ensure smoother color gradations, better uniformity and high color accuracy with a Delta E < 1 color difference value. Each grayscale level is also carefully measured and set to ensure compliance with the precise DICOM standard for medical use.

Create in Ultra-Vivid HDR

ASUS Smart HDR Technology

Exclusive ASUS Smart HDR technology enables ProArt Display PA24US to support multiple HDR formats, including HLG and HDR10.

HLG allows users to view and create material for broadcast and satellite TV platforms such as BBC iPlayer, Japan NHK TV, and DirecTV.

HDR10 support ensures compatibility with existing streaming video services and a growing list of HDR-enabled games.

Multiple PQ Curves

ASUS ProArt Displays support multiple HDR10 curves, including PQ Hard Clip, PQ Optimized and PQ Basic, which can cover all content creation needs.

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HDR Preview

HDR Preview enables a direct camera-to-monitor connection to view captured HDR content with its full tonal range. It also works within most video editing software platforms, providing accurate simulations of the final output for an easier, more streamlined editing experience.
*Raw data/camera imagery must support HDR mode and follow PQ curve.

Streamlined, Efficient Workflows

12G-SDI Connectivity

SDI (Serial digital interface) is a professional video signal that’s preferred in production environments, providing longer distance without video compression with reliability. BNC-type cable that has specialized connectors on each end to lock into the devices they connect to, so it cannot be easily dropped or pulled out.

Compare with general 3G-SDI, 12G-SDI provides up to 4x bandwidth allows receiving and transmitting uncompressed up to 4K@60Hz video footage directly from camera devices with ultra-low latency.

Connect to your workflow

Rich connectivity offers a full-function USB-C port enables superfast data transfers, video signal and 80-watt power delivery to charge laptops and other devices—all via a single cable. DisplayPort1.4 and two HDMI(v2.0) for compatibility with current and future displays and peripherals. It also features an earphone jack and USB 3.2 hub.

Picture-by-Picture (PbP)

View two to four different settings simultaneously by placing multiple input sources onscreen side-by-side; and configure each individual window's color settings with sRGB, Adobe RGB, DCI-P3, Rec. 2020, User Mode 1 or User Mode 2.

Picture-in-Picture (PiP)

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Easily place your second input source in a window in one corner of the display.

ASUS Flicker-Free technology

It's time to say goodbye to those tired, strained eyes. ProArt Displays features TÜV Rheinland-certified ASUS Flicker-Free technology to reduce flicker and minimize instances of eyestrain and other damaging ailments for a comfortable viewing experience.

Blue Light Filter

The TÜV Rheinland-certified ASUS Blue Light Filter protects you from harmful blue light, and you can easily access via a hotkey. ProArt displays has undergone stringent performance tests and has been certified by TÜV Rheinland laboratories, a global provider of technical, safety, and certification services, to be flicker-free and to emit low blue light levels.

Ergonomic Design

A comfortable viewing position is always easy to achieve with ASUS ProArt Display. With an ergonomically-designed quick release stand with tilt, swivel, pivot and height adjustments provide comfortable viewing and usage experiences. Furthermore, the VESA wall-mountable to save on desktop space.

Accurate Real-time On-set Preview

QuickFit Plus is clever feature overlays a grid on the screen that allows to align and preview.
Center marker and safety area it can real-time preview when you are on-set shooting to avoid video image beyond the screen.
Ruler provides actual size of inch ruler in the edge; you also can customize the working size to fit your preference.

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