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› BenQ SW242Q 24-inch 2K QHD Photo Editing Monitor User Manual

BenQ SW242Q

BenQ SW242Q 24-inch 2K QHD Photo Editing Monitor User Manual

Model: SW242Q | Brand: BenQ

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your BenQ SW242Q 24-inch 2K QHD Photo Editing Monitor. Designed for photographers and creative professionals, this monitor features 99% Adobe RGB, 100% sRGB, hardware calibration support, 90W USB-C connectivity, and a TUV Anti-Reflection certified fine-coated panel for precise color accuracy and an optimal viewing experience.



Front view of the BenQ SW242Q monitor, highlighting its 2K QHD resolution, 24-inch screen size, 99% Adobe RGB color space, hardware calibration capability, and 90W USB-C port.

SETUP

1. Unpacking and Assembly

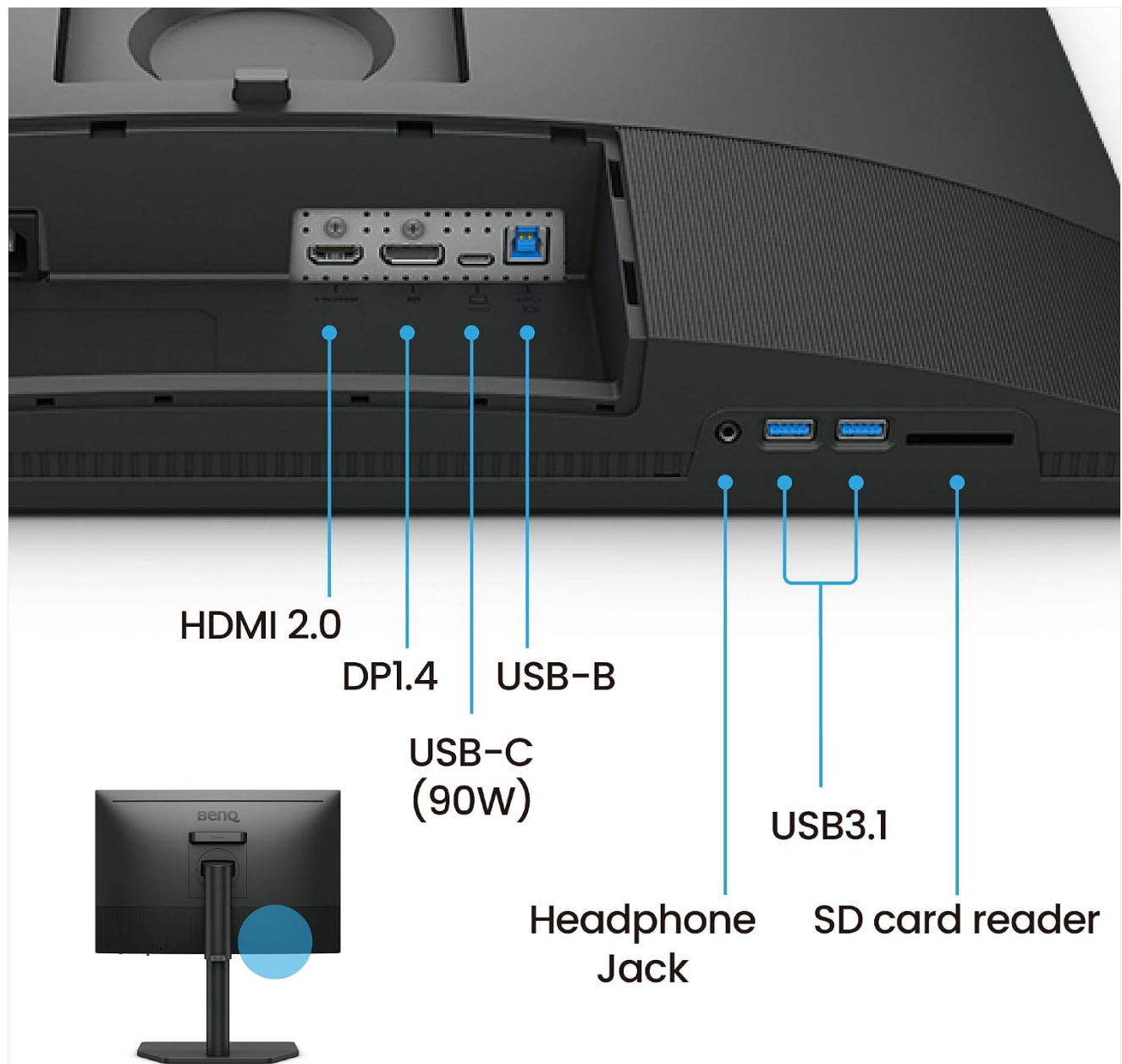
Carefully remove all components from the packaging. The monitor and stand are designed for easy assembly. Attach the stand base to the stand column, then secure the monitor panel to the assembled stand. Ensure all connections are firm.



2. Connecting Your Monitor

Connect the necessary cables to the appropriate ports on the monitor and your computer or device. The SW242Q offers versatile connectivity options:

- **USB-C (90W):** For video, data transfer, and power delivery to compatible devices like laptops.
- **HDMI 2.0:** For high-definition video and audio input.
- **DisplayPort 1.4:** For high-resolution video input.
- **USB-B:** To enable the monitor's USB hub and card reader functions when connected to a computer.
- **USB 3.1 Ports:** For connecting peripherals.
- **Headphone Jack:** For audio output.
- **SD Card Reader:** For direct access to memory cards.



Detailed diagram of the BenQ SW242Q monitor's rear ports, including HDMI 2.0, DisplayPort 1.4, USB-C (90W), USB-B, USB 3.1 ports, headphone jack, and SD card reader.

3. Power On

Connect the power cable to the monitor and a power outlet. Press the power button, usually located on the bottom right

bezel or via the OSD controller, to turn on the monitor.

OPERATING INSTRUCTIONS

1. On-Screen Display (OSD) Navigation

The monitor's settings are controlled via the On-Screen Display (OSD) menu. You can navigate the OSD using the buttons on the monitor bezel or the included Hotkey Puck. The Hotkey Puck provides quick access to color modes and OSD navigation.

2. AQCOLOR Technology and Color Accuracy

The BenQ SW242Q features AQCOLOR Technology, ensuring precise and consistent color reproduction. Key aspects include:

- **Color Gamut:** 99% Adobe RGB, 100% sRGB, and 98% DCI-P3/Display P3 coverage.
- **Delta E:** Factory calibrated to $\Delta E \leq 1.5$ for exceptional color accuracy.
- **Color Depth:** 10-bit color depth and a 16-bit 3D LUT for smooth color gradations.
- **Uniformity Technology:** Ensures consistent brightness and color across the entire screen.
- **ICCsyntax:** Simplifies ICC profile matching between your monitor and software.

Industry Leading Color Accuracy

AQCOLOR[®]
Colors You Can Trust

99% Adobe RGB

100% sRGB

98% Display P3

Delta E ≤ 1.5

An illustration of BenQ's AQCOLOR Technology, emphasizing 99% Adobe RGB, 100% sRGB, 98% Display P3, and Delta E ≤ 1.5 for industry-leading color accuracy.

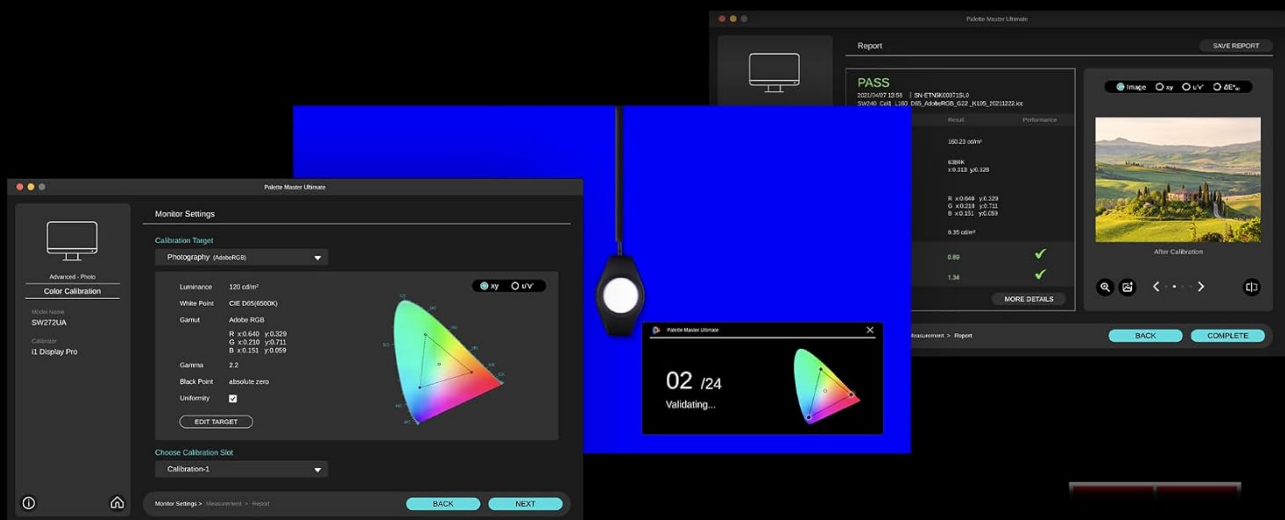


A side-by-side comparison demonstrating the effect of BenQ's Uniformity Technology, showing a more consistent image with the technology applied.

3. Hardware Calibration with Palette Master Ultimate

For optimal color performance, the SW242Q supports hardware calibration using BenQ's Palette Master Ultimate software. This software allows you to calibrate the monitor directly, ensuring that the color data is stored within the monitor's internal lookup table, providing consistent and accurate colors independent of your graphics card settings. Calibration is approximately 40% faster than previous versions.

Hardware Calibration Support



Screenshot of the Palette Master Ultimate software interface, illustrating the hardware calibration process for the BenQ monitor.

4. Paper Color Sync for Screen-to-Print Matching

The Paper Color Sync feature allows you to simulate print results on your screen, providing a near-identical preview of how your images will appear when printed. This helps in soft proofing and reduces the need for multiple test prints.

Screen-to-Print Solution



An image depicting the BenQ monitor as part of a 'Screen-to-Print Solution', showing a camera, monitor, and printer working in conjunction for accurate color reproduction.



A visual representation of the Paper Color Sync feature, where a digital image on the monitor closely matches a physical print, aiding in soft proofing.

5. Anti-Reflection Fine-Coated Panel

The monitor features a TUV Anti-Reflection certified fine-coated panel. This specialized surface minimizes glare and reflections, providing a clear and consistent viewing experience even in challenging lighting conditions, which is crucial for professional photo editing.



An image demonstrating the reflection-free fine-coated panel of the BenQ monitor, showing a clear image without distracting reflections, certified by TUV Rheinland.

6. USB-C Connectivity and Power Delivery

The 90W USB-C port simplifies your workspace by providing video, data, and power through a single cable. This allows you to connect and charge compatible laptops (including MacBook and Windows devices) while simultaneously displaying content and accessing the monitor's integrated USB hub and SD card reader.

Expand Your Mac Devices



**90W USB Type-C
Power Delivery**

**Display P3/ Adobe RGB
/ DCI-P3**

The BenQ monitor connected to a MacBook via a single USB-C cable, illustrating its capability to expand Mac devices with 90W power delivery and Display P3/Adobe RGB/DCI-P3 support.

7. Physical Adjustments

The monitor stand allows for various ergonomic adjustments to suit your viewing preferences:

- **Pivot:** Rotate the screen 90 degrees for portrait mode viewing.
- **Swivel:** Adjust the screen horizontally up to 30 degrees left or right.
- **Tilt:** Adjust the screen vertically from -5 to 20 degrees.
- **Height Adjustment:** Raise or lower the screen to your desired height.

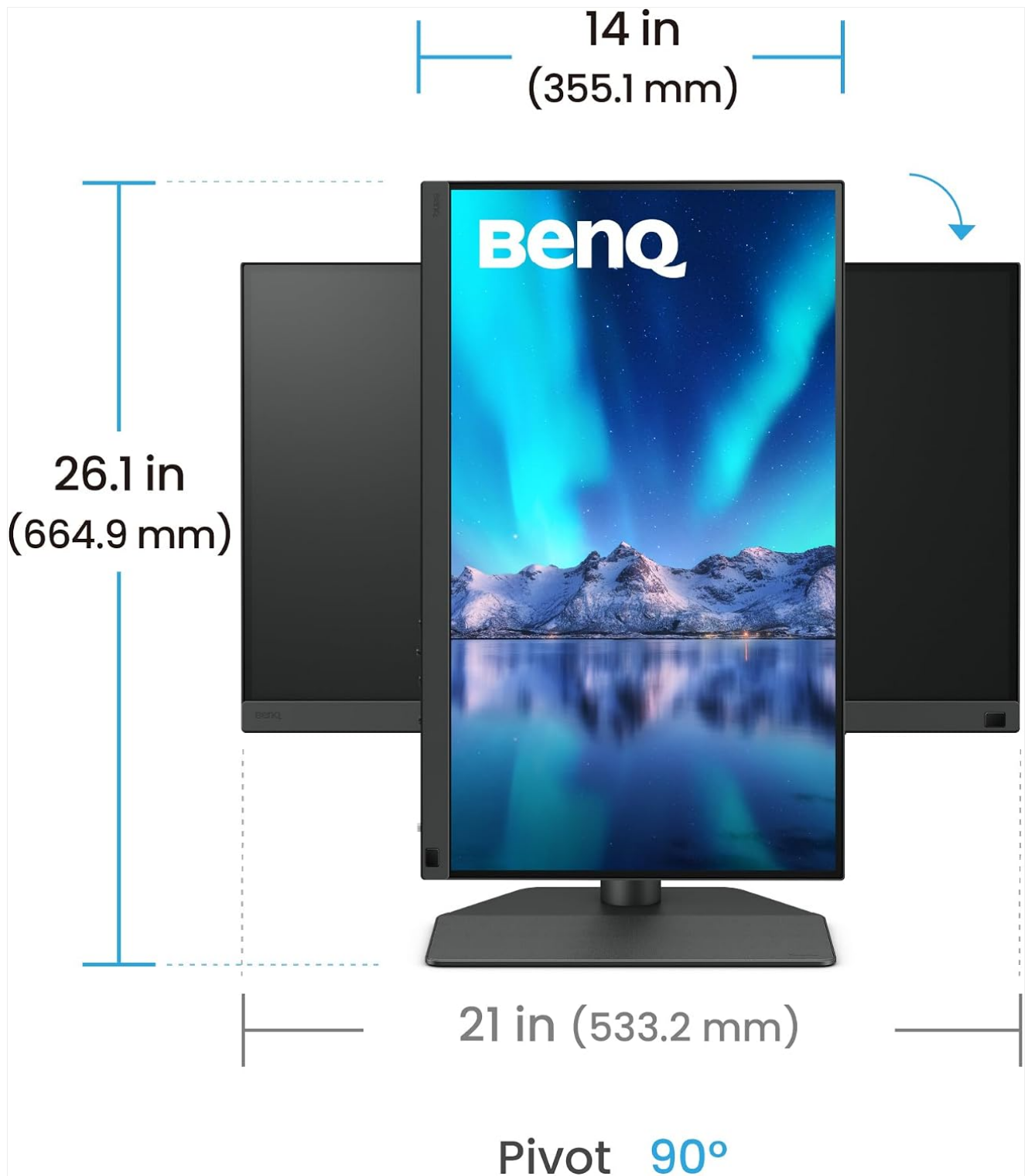


Diagram illustrating the 90-degree pivot capability of the BenQ SW242Q monitor, along with its width and height dimensions in portrait mode.

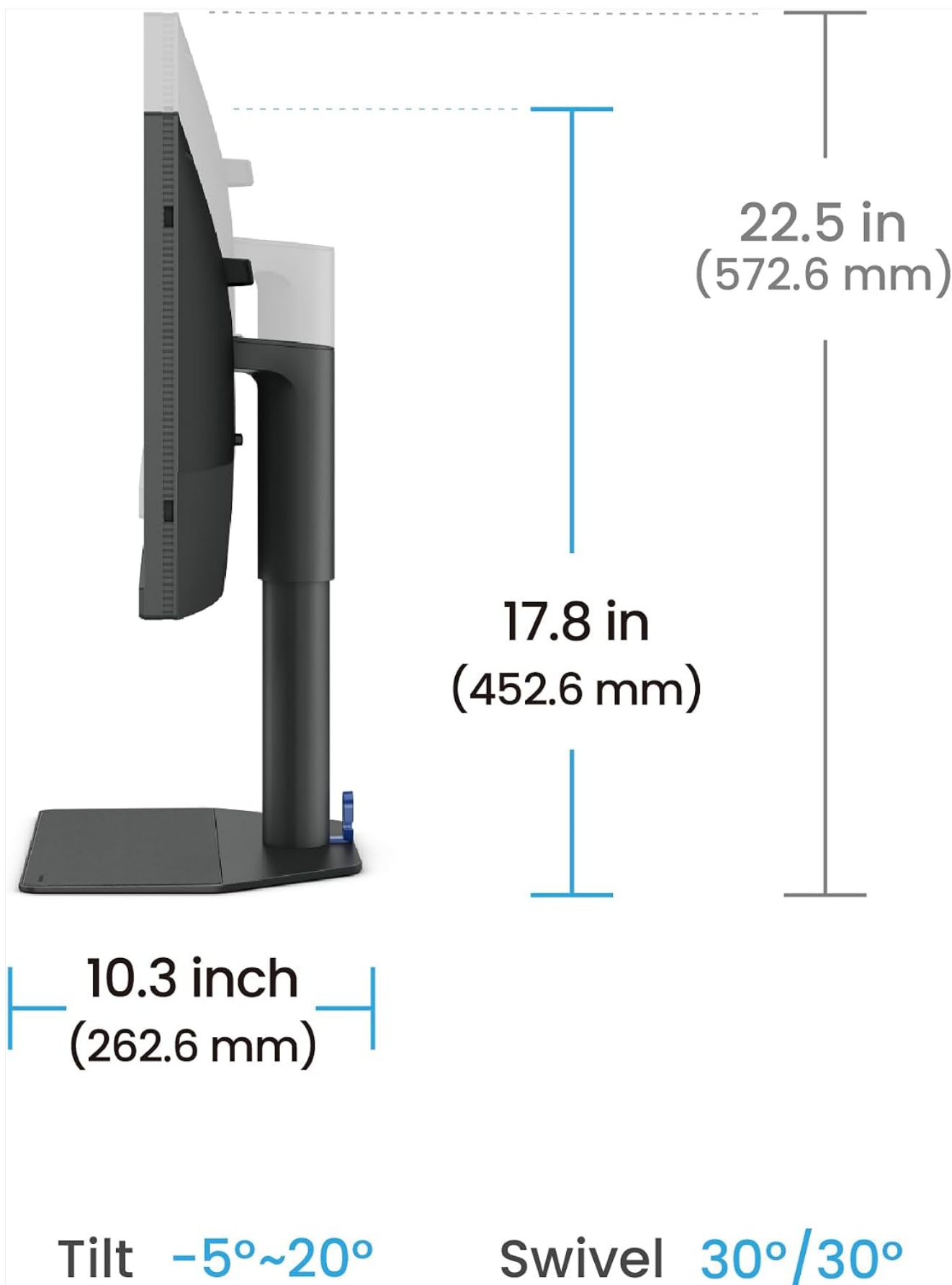


Diagram showing the tilt (-5° to 20°) and swivel ($30^{\circ}/30^{\circ}$) adjustments of the BenQ SW242Q monitor, including its depth and height range.

8. Shading Hood (Optional Accessory)

An optional shading hood (ASIN B0D7QXZYB, sold separately) can be attached to the monitor to further reduce glare from ambient light, enhancing color accuracy and viewing comfort in various environments.



The BenQ SW242Q monitor equipped with an optional shading hood, designed to minimize ambient light interference for critical viewing.

MAINTENANCE

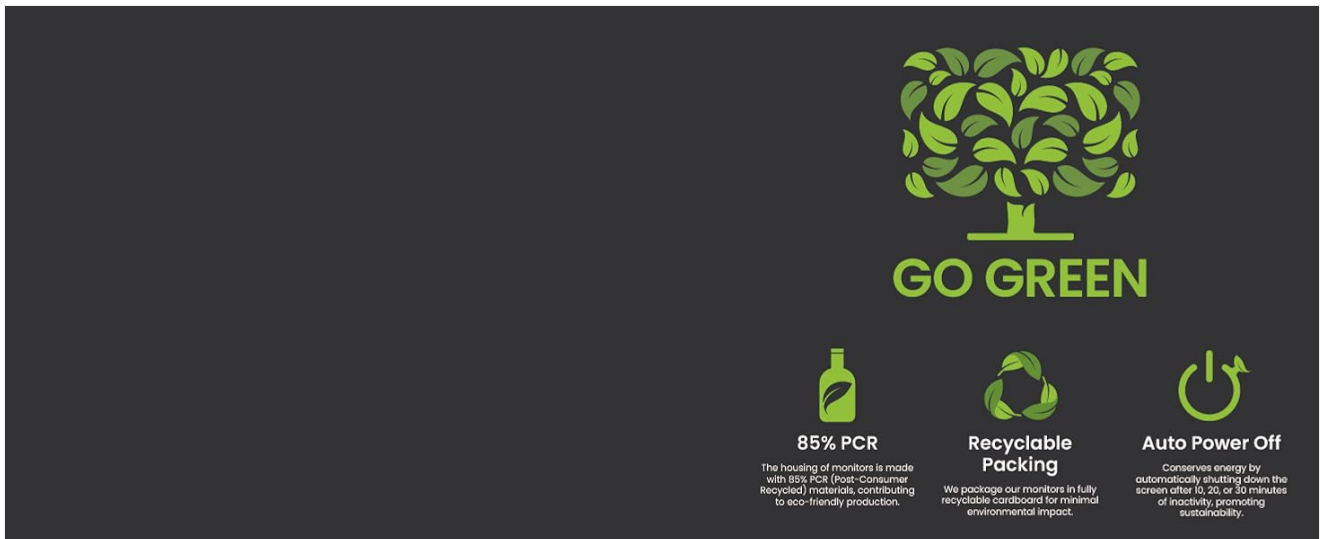
1. Cleaning the Monitor

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials. For the monitor casing, use a soft, dry cloth.

2. Environmental Considerations

The BenQ SW242Q is designed with environmental sustainability in mind:

- **Recycled Materials:** The housing is made with 85% Post-Consumer Recycled (PCR) materials.
- **Recyclable Packaging:** The monitor packaging is fully recyclable.
- **Auto Power Off:** Conserves energy by automatically shutting down after 10, 20, or 30 minutes of inactivity.



An infographic highlighting BenQ's 'Go Green' initiatives, including 85% PCR materials, recyclable packaging, and auto power-off functionality for environmental sustainability.

TROUBLESHOOTING

If you encounter issues with your BenQ SW242Q monitor, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cable is securely connected to both the monitor and a working power outlet. Check the power indicator light.
- **No Signal:** Verify that the video cable (USB-C, HDMI, or DisplayPort) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected in the OSD menu.

- **Image Quality Issues (Blurry, Distorted, Incorrect Colors):** Check your computer's display resolution settings to ensure they match the monitor's native resolution (2560x1440). Perform hardware calibration using Palette Master Ultimate software.
- **USB Ports Not Working:** Ensure the USB-B upstream cable is connected from the monitor to your computer.
- **Flickering Screen:** Check cable connections. Try a different video cable or port.

For more complex issues or persistent problems, please refer to the official BenQ support website or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	SW242Q
Screen Size	24 Inches
Max Screen Resolution	2560 x 1440 Pixels (QHD Wide 1440p)
Aspect Ratio	16:10
Color Gamut	99% Adobe RGB, 100% sRGB, 98% DCI-P3/Display P3
Delta E	≤ 1.5
Color Depth	10-bit, 16-bit 3D LUT
HDR Support	HDR10
Panel Type	IPS with TUV Anti-Reflection Fine-Coated Surface
Connectivity	1x USB-C (90W PD), 1x HDMI 2.0, 1x DisplayPort 1.4, 1x USB-B, 3x USB 3.1, Headphone Jack, SD Card Reader
Item Weight	17.16 pounds
Product Dimensions (LxWxH)	2.89 x 20.99 x 13.98 inches
Adjustments	Pivot (90°), Swivel (30°/30°), Tilt (-5°~20°), Height Adjustment

WARRANTY AND SUPPORT

Warranty Information

BenQ provides a manufacturer's warranty for its products. For specific details regarding the warranty period and terms for your SW242Q monitor, please refer to the warranty card included with your product or visit the official BenQ website. Typically, BenQ monitors come with a limited warranty covering defects in materials and workmanship.

Customer Support

Should you require technical assistance, have questions about your monitor, or need to initiate a warranty claim, please contact BenQ customer support. Support resources, including FAQs, driver downloads, and contact information, are available on the official BenQ support website.

