BenQ GW2790QT

BenQ GW2790QT Computer Monitor User Manual

Model: GW2790QT

1. Introduction

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your BenQ GW2790QT Computer Monitor. The GW2790QT is a 27-inch QHD (2560 x 1440 pixels) display designed for a versatile computing experience, featuring USB-C connectivity, built-in speakers, and advanced eye-care technologies.



Figure 1.1: Front view of the BenQ GW2790QT monitor, showcasing its sleek design and display area.

2. Setup

2.1 Unpacking and Assembly

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly.

1. Attach the stand base to the stand neck.
2. Secure the assembled stand to the back of the monitor panel.

2.2 Connecting Your Monitor

The GW2790QT offers multiple connectivity options for video input and peripheral devices.



Figure 2.1: Rear view of the BenQ GW2790QT monitor, showing the stand attachment point and port area.

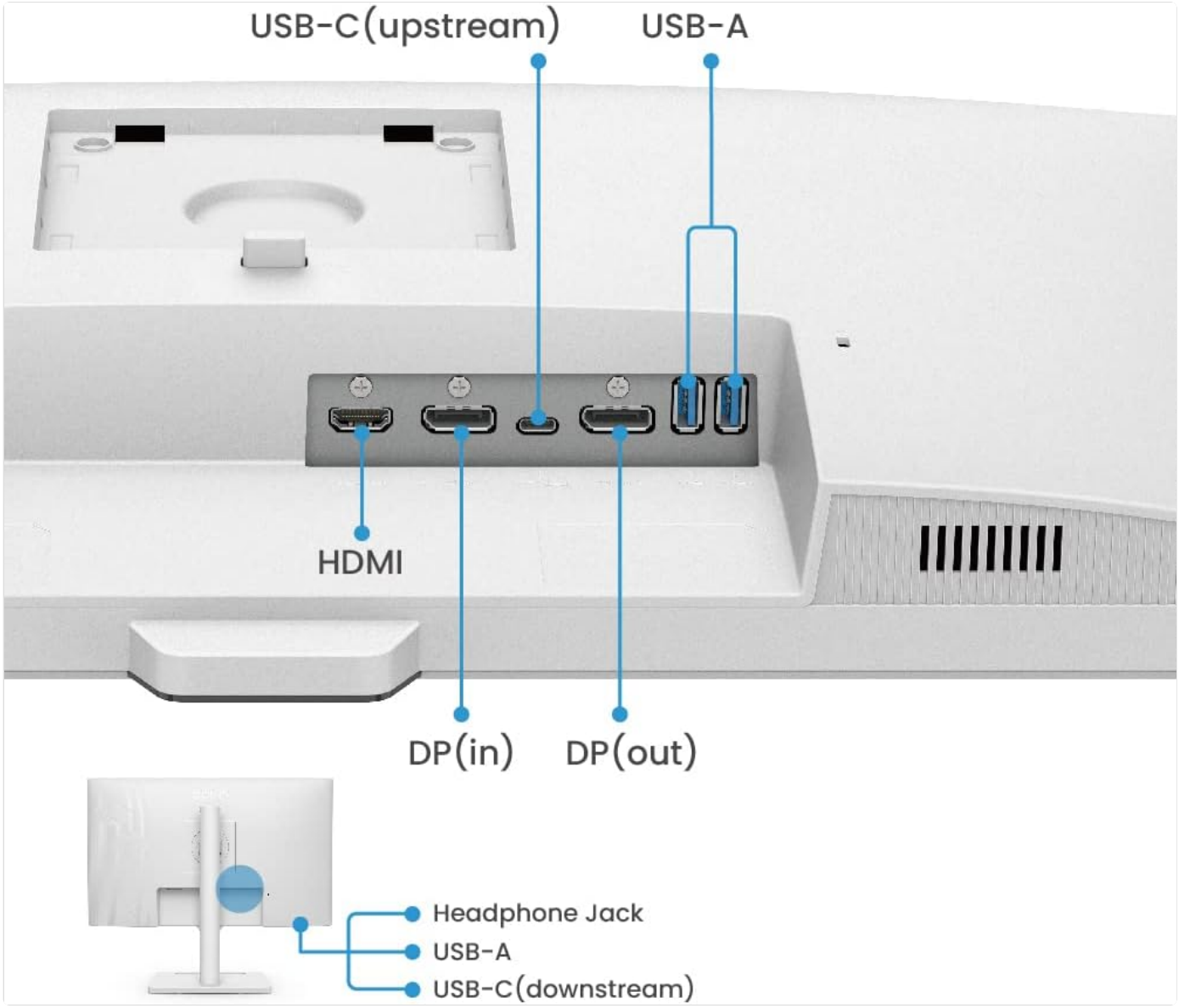


Figure 2.2: Detailed view of the monitor's input/output ports, including USB-C (upstream), USB-A, HDMI, DP (in), and DP (out).

- **Power Connection:** Connect the power cord to the monitor and a power outlet.
- **Video Input:**
  - **USB-C:** For single-cable connectivity, connect your laptop or device to the monitor's USB-C (upstream) port. This provides video, data, and up to 65W power delivery.
  - **HDMI/DisplayPort (DP):** Connect an HDMI or DisplayPort cable from your computer to the corresponding port on the monitor.
- **USB Hub:** Utilize the USB-A ports for connecting peripherals such as a keyboard, mouse, or external storage devices.
- **Audio:** Connect headphones or external speakers to the headphone jack if desired.

3. Operating the Monitor

3.1 Power On/Off

Press the power button located on the bottom right of the monitor to turn it on or off.

3.2 On-Screen Display (OSD) Menu

Navigate the OSD menu using the joystick control located on the rear of the monitor. This allows you to adjust various settings including display modes, brightness, contrast, and audio.

3.3 Eye-Care Features

The GW2790QT incorporates BenQ's Eye-Care technology for enhanced viewing comfort.

- **Brightness Intelligence (B.I.):** Automatically adjusts screen brightness based on ambient light conditions. Enable this feature in the OSD menu for optimal viewing.
- **Low Blue Light:** Reduces harmful blue light emissions. Multiple levels are available to suit user preference, accessible via the OSD or dedicated hotkey.
- **Coding Mode:** A specialized display mode designed to optimize text clarity and contrast for coding environments, particularly beneficial for dark-themed editors.

3.4 Ergonomic Adjustments

The monitor stand allows for flexible positioning to suit your ergonomic needs.

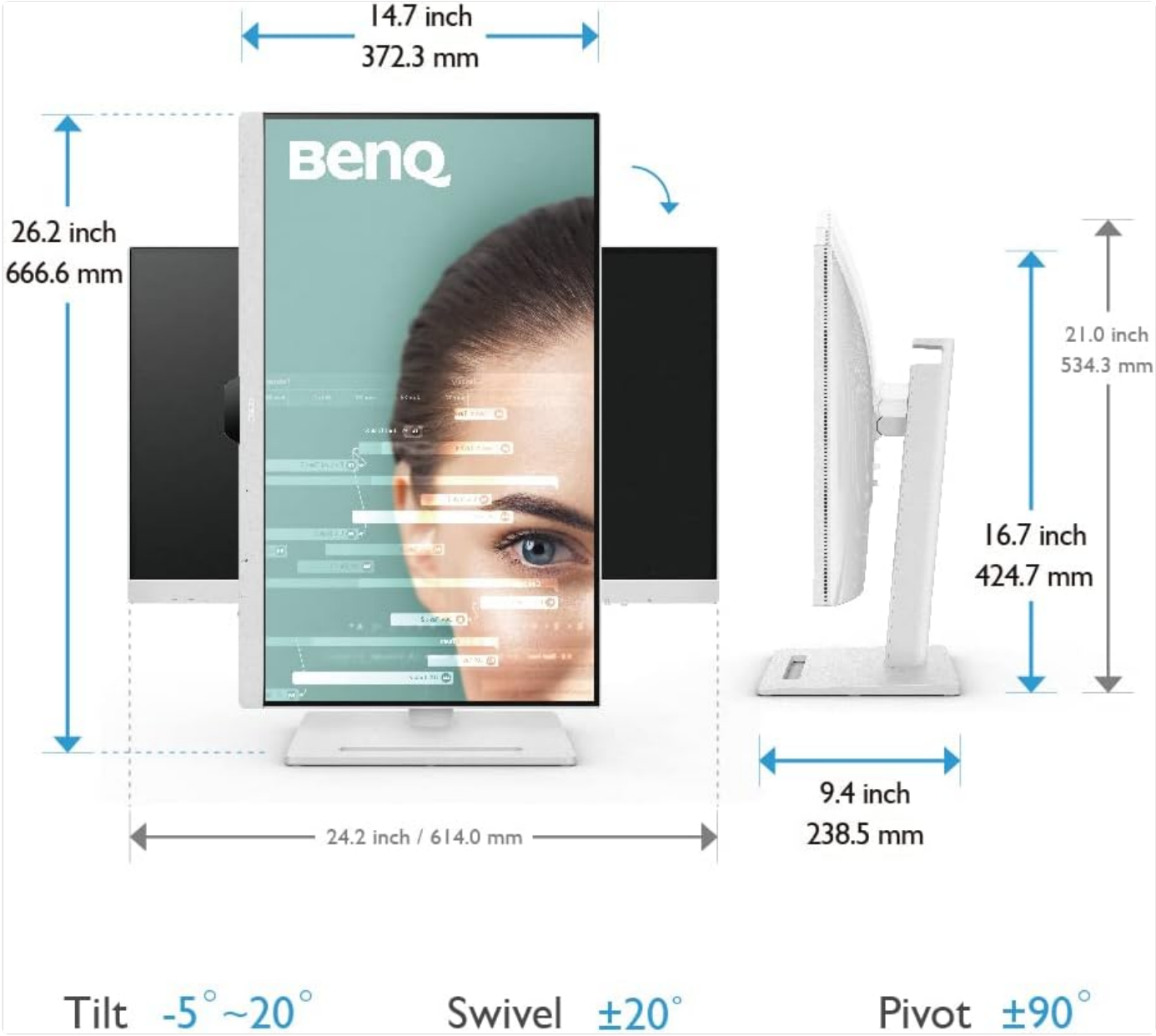


Figure 3.1: Diagram illustrating the monitor's dimensions and adjustable features including tilt, swivel, and pivot capabilities.

- **Height Adjustment:** Adjust the monitor height to eye level.
- **Tilt:** Tilt the screen forward or backward for optimal viewing angle (typically -5° to 20°).
- **Swivel:** Rotate the monitor horizontally on its base (typically ±20°).
- **Pivot:** Rotate the screen 90 degrees for portrait mode viewing (typically ±90°).

4. Maintenance

4.1 Cleaning the Monitor

To maintain the monitor's appearance and performance, follow these cleaning guidelines:

- Always power off the monitor and unplug it from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen or monitor casing.
- Avoid using harsh chemicals, solvents, or abrasive materials.

5. Troubleshooting

If you encounter issues with your BenQ GW2790QT monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Power cable loose; Video cable loose or incorrect input selected.	Check power and video cable connections. Select correct input source via OSD.
No sound from speakers	Volume too low; Audio cable not connected (if using 3.5mm); Incorrect audio output selected on computer.	Adjust monitor volume. Ensure audio output is set to BenQ GW2790QT on your computer.
USB ports not working	USB-C upstream cable not connected or faulty.	Ensure the USB-C upstream cable is securely connected between the monitor and your computer.
Screen flickering	Incorrect refresh rate; Faulty video cable.	Adjust refresh rate in computer display settings. Try a different video cable.

6. Specifications

Key technical specifications for the BenQ GW2790QT monitor:

- **Screen Size:** 27 Inches (68.6 cm)
- **Resolution:** 2560 x 1440 Pixels (QHD Wide 1440p)
- **Aspect Ratio:** 16:9
- **Refresh Rate:** 75Hz
- **Panel Type:** LED
- **Connectivity:** USB-C (upstream, 65W PD), HDMI, DisplayPort (in/out), USB-A (downstream x2), Headphone Jack
- **Built-in Features:** Speakers, Noise-Cancelling Microphone, Eye-Care Technology (Brightness Intelligence, Low Blue Light)
- **Ergonomics:** Tilt (-5° to 20°), Swivel (±20°), Pivot (±90°), Height Adjustment
- **Product Dimensions:** 9.39 x 24.17 x 21.04 inches (23.85 x 61.40 x 53.43 cm)
- **Item Weight:** 18.52 pounds (8.4 kg)

7. Warranty and Support

BenQ provides a limited warranty for its products. Please refer to the warranty card included with your product or visit the official BenQ website for detailed warranty terms and conditions specific to your region.

For technical support, product inquiries, or service requests, please contact BenQ customer support through their official website or the contact information provided in your product documentation. When contacting support, please have your monitor's model number (GW2790QT) and serial number ready.

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