

BenQ EW3290U

BenQ EW3290U 32-inch 4K Monitor User Manual

Model: EW3290U

1. INTRODUCTION

The BenQ EW3290U is a 32-inch 4K UHD (3840x2160) monitor designed to deliver an exceptional visual and audio experience. It features 98% P3 color coverage for accurate and vibrant colors, exclusive AI Contrast technology for dynamic image optimization, and built-in 2.1 channel speakers with a woofer for rich sound. Connectivity options include USB Type-C and multiple HDMI ports. The monitor also incorporates ergonomic design and Eye-Care technology to enhance user comfort during extended use.



Figure 1.1: BenQ EW3290U Monitor Overview

2. SETUP

2.1 Assembly and Initial Connection

Carefully remove all components from the packaging. Attach the monitor stand to the display panel following the instructions in the quick start guide. Connect the power cable to the monitor and a power outlet. For video input, use the provided HDMI or USB Type-C cables to connect your computer or other devices to the corresponding ports on the monitor.

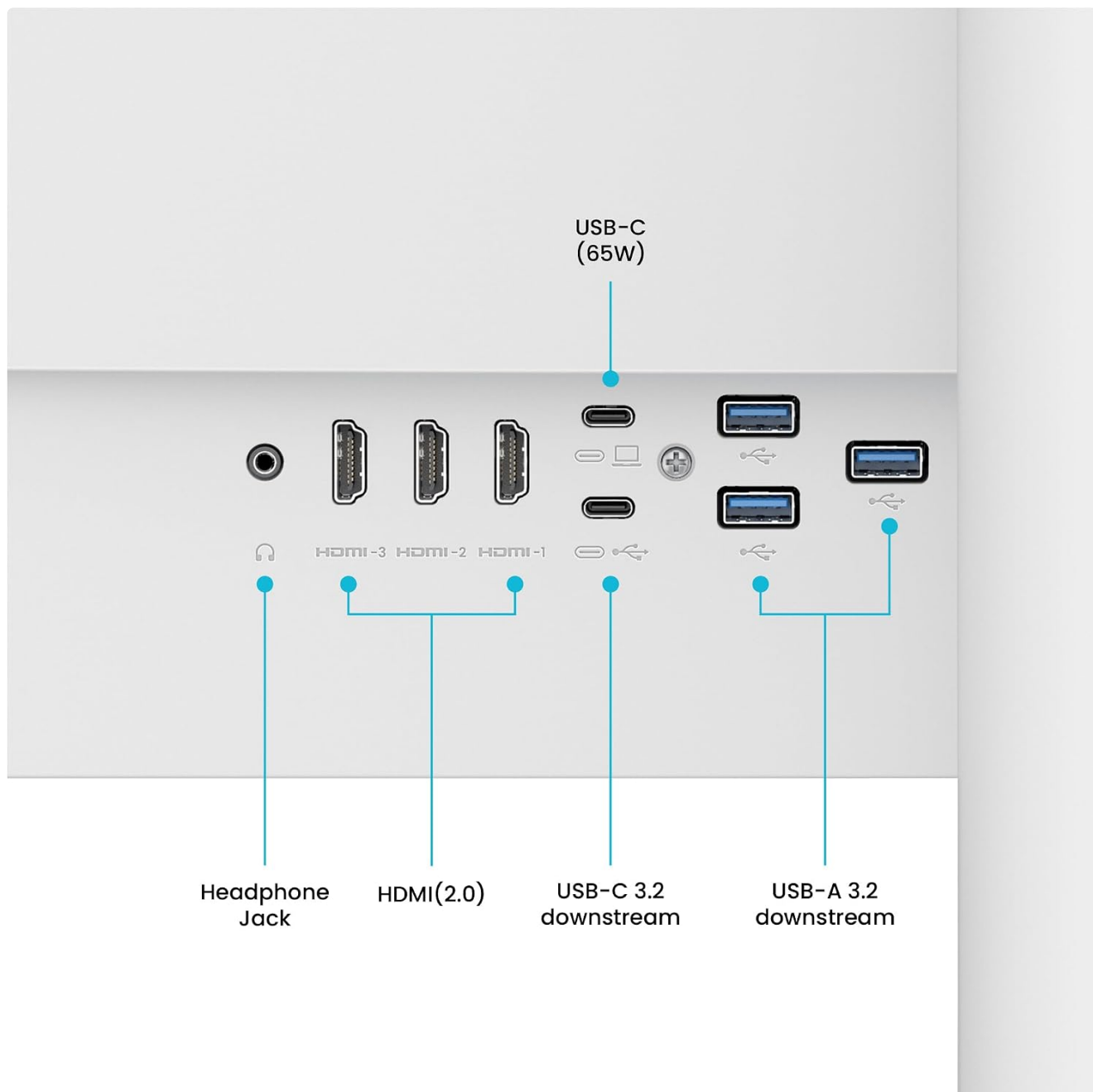


Figure 2.1: Available Ports (Headphone Jack, HDMI, USB-C, USB-A)

The USB Type-C port supports charging and data transfer, providing a convenient single-cable solution for compatible devices.

3. OPERATING

3.1 Monitor Controls and Navigation

The monitor features a 5-way controller for navigating the On-Screen Display (OSD) menu, a dedicated Scenario hotkey, and a power key. These controls are typically located on the bottom edge or rear of the monitor.

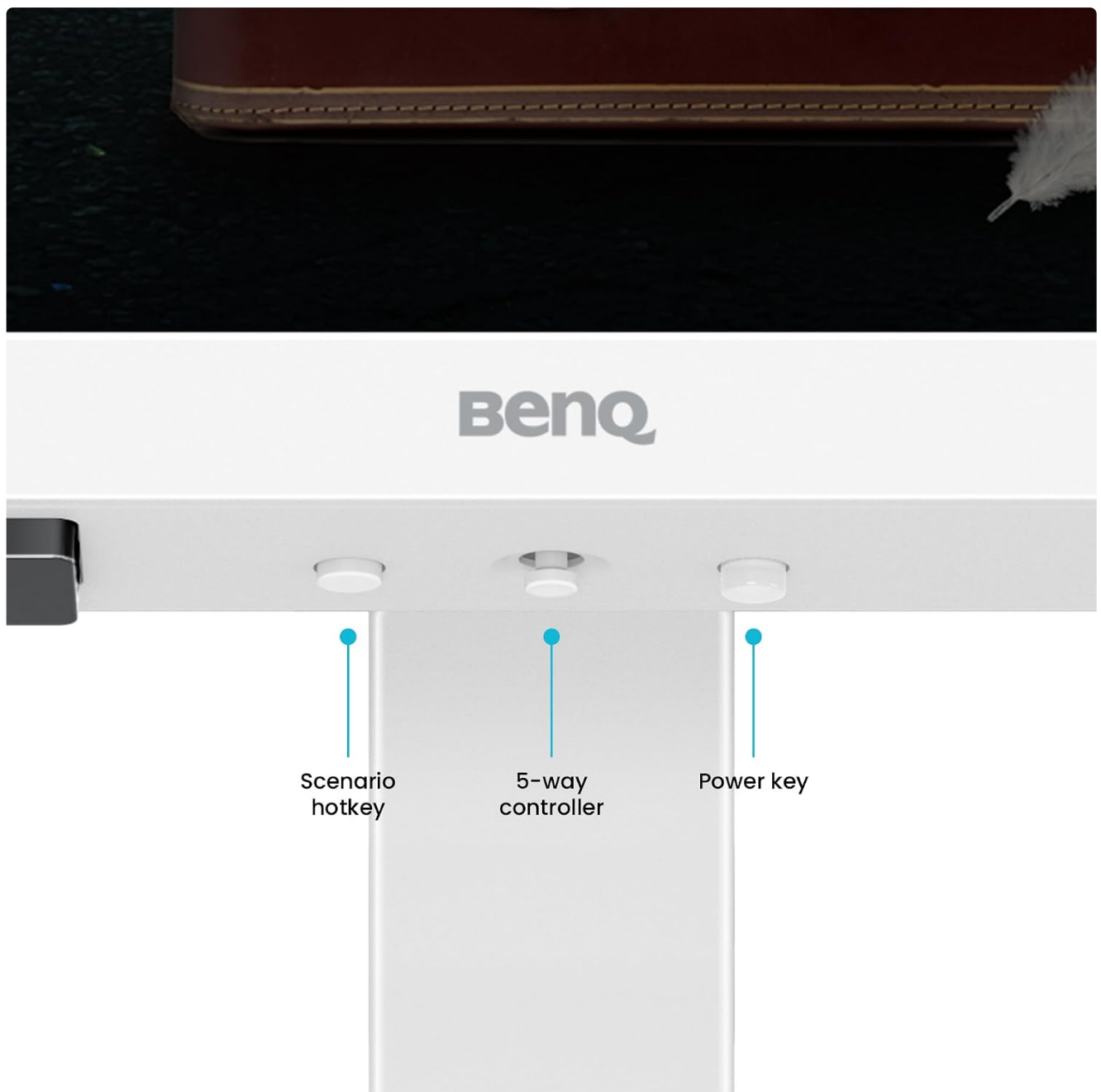


Figure 3.1: Monitor Controls (Scenario hotkey, 5-way controller, Power key)

3.2 AI Contrast Technology

BenQ's exclusive AI Contrast technology intelligently adjusts the contrast according to the displayed content. This feature optimizes dark and bright areas without impacting other parts of the image, providing enhanced clarity and detail.

AI Contrast



Figure 3.2: Visual Comparison of AI Contrast On and Off

3.3 Built-in 2.1 Channel Speakers

The EW3290U includes a powerful built-in 2.1 channel speaker system with a dedicated woofer, delivering rich and immersive audio for movies, music, and games. Adjust audio settings via the OSD menu or remote control.



2.1 Channel Speakers

Figure 3.3: Integrated 2.1 Channel Speaker System

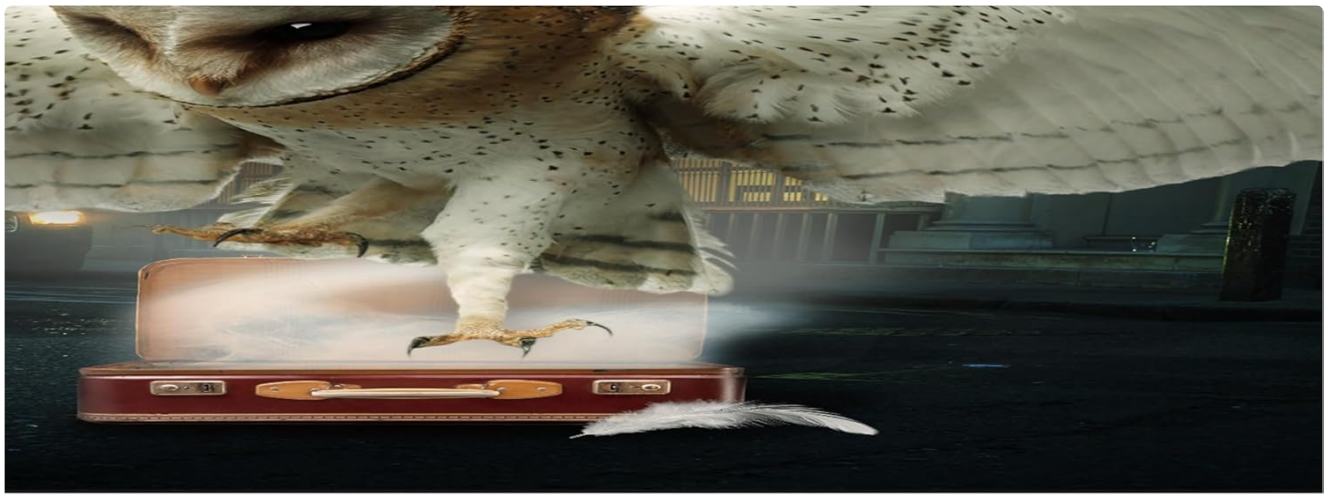
3.4 Scenario Hotkey and Remote Control

Instantly access custom or preset optimal monitor settings for various scenarios (work, studying, gaming, movies) using the dedicated Scenario hotkey or the included remote controller. This allows for quick adjustments without navigating through complex menus.



Audiovisual Scenarios

Figure 3.4: Scenario Hotkey for Quick Settings Access



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Remote Control

Figure 3.5: Remote Control for Convenient Operation

3.5 Ergonomic Design

The monitor stand offers height adjustment, tilt, swivel, and pivot features, allowing you to customize the display position for optimal viewing comfort and productivity.



Figure 3.6: Ergonomic Adjustments (Tilt, Swivel, Pivot)

3.6 Eye-Care Technology

The EW3290U incorporates BenQ's Eye-Care technology, including Brightness Intelligence Plus (B.I.+) which automatically adjusts screen brightness and color temperature based on ambient light conditions. This helps reduce eye strain during prolonged viewing sessions. Additionally, Flicker-Free technology and Low Blue Light modes further contribute to visual comfort.

4. MAINTENANCE

4.1 Care and Cleaning

To maintain the monitor's performance and appearance, regularly clean the screen and exterior. Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials that could damage the screen or casing. Ensure the monitor is powered off and unplugged before cleaning.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **No Display:** Ensure all cables (power, HDMI/USB-C) are securely connected. Verify the correct input source is selected on the monitor. Check if the computer is in sleep mode or powered off.
- **Poor Image Quality:** Adjust resolution settings on your computer to match the monitor's native 4K (3840x2160) resolution. Check cable quality and ensure it supports 4K resolution. Adjust brightness, contrast, and color settings via the OSD menu.
- **No Audio:** Verify that the audio cable (if using a separate one) is connected, or that audio is being transmitted via HDMI/USB-C. Check monitor volume settings and ensure computer audio output is directed to the monitor.
- **Flickering Screen:** Ensure the video cable is securely connected. Try a different video cable or port. If using a graphics card, update its drivers.
- **Remote Control Not Working:** Check battery levels in the remote. Ensure there are no obstructions between the remote and the monitor's sensor.

6. SPECIFICATIONS

6.1 Technical Specifications

Feature	Specification
Screen Size	32 inches
Screen Resolution	3840x2160 (4K UHD)
Aspect Ratio	16:9
Color Coverage	98% P3
Speakers	Built-in 2.1 Channel with Woofer
USB Ports	1 x USB Type-C (65W), USB 3.2 downstream
HDMI Ports	3 x HDMI (2.0)
Headphone Jack	Yes
Ergonomic Features	Height Adjustment, Tilt, Swivel, Pivot
Eye-Care Technology	Brightness Intelligence Plus, Flicker-Free, Low Blue Light
Item Weight	23.1 pounds
Product Dimensions	19 x 8 x 23 inches

7. WARRANTY AND SUPPORT

7.1 Warranty Information

BenQ products are covered by a manufacturer's warranty. For specific warranty terms and conditions applicable to your region, please refer to the warranty card included with your product or visit the official BenQ website. Retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact BenQ customer support. Contact information can typically be found on the BenQ website or in your product documentation.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question