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› [BenQ](#) /

› BenQ RD320U 32-inch 4K Programming Monitor User Manual

BenQ RD320U

BenQ RD320U 32-inch 4K Programming Monitor User Manual

Model: RD320U

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your BenQ RD320U 32-inch 4K Programming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.

BenQ

```
13     var mytag = mytag || {};  
14     mytag.cmd = mytag.cmd || [];  
15     (function() {  
16         var gads = document.createElement('script');  
17         gads.async = true;  
18         gads.type = 'text/script';  
19         var useSSL = 'https:' == document.location.protocol;  
20         gads.src = (useSSL ? 'https:' : 'http:') + '//www.mytagservices.com/tag/js/gpt.js';  
21         var node = document.getElementsByTagName('script')[0];  
22         node.parentNode.insertBefore(gads, node);  
23     })();  
24     mytag.cmd.push(function() {
```

Front view of the BenQ RD320U monitor displaying code.

SETUP

1. Unpacking and Assembly

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly. Attach the stand base to the stand neck, then secure the assembled stand to the monitor panel. Refer to the quick start guide included in the box for detailed visual instructions.



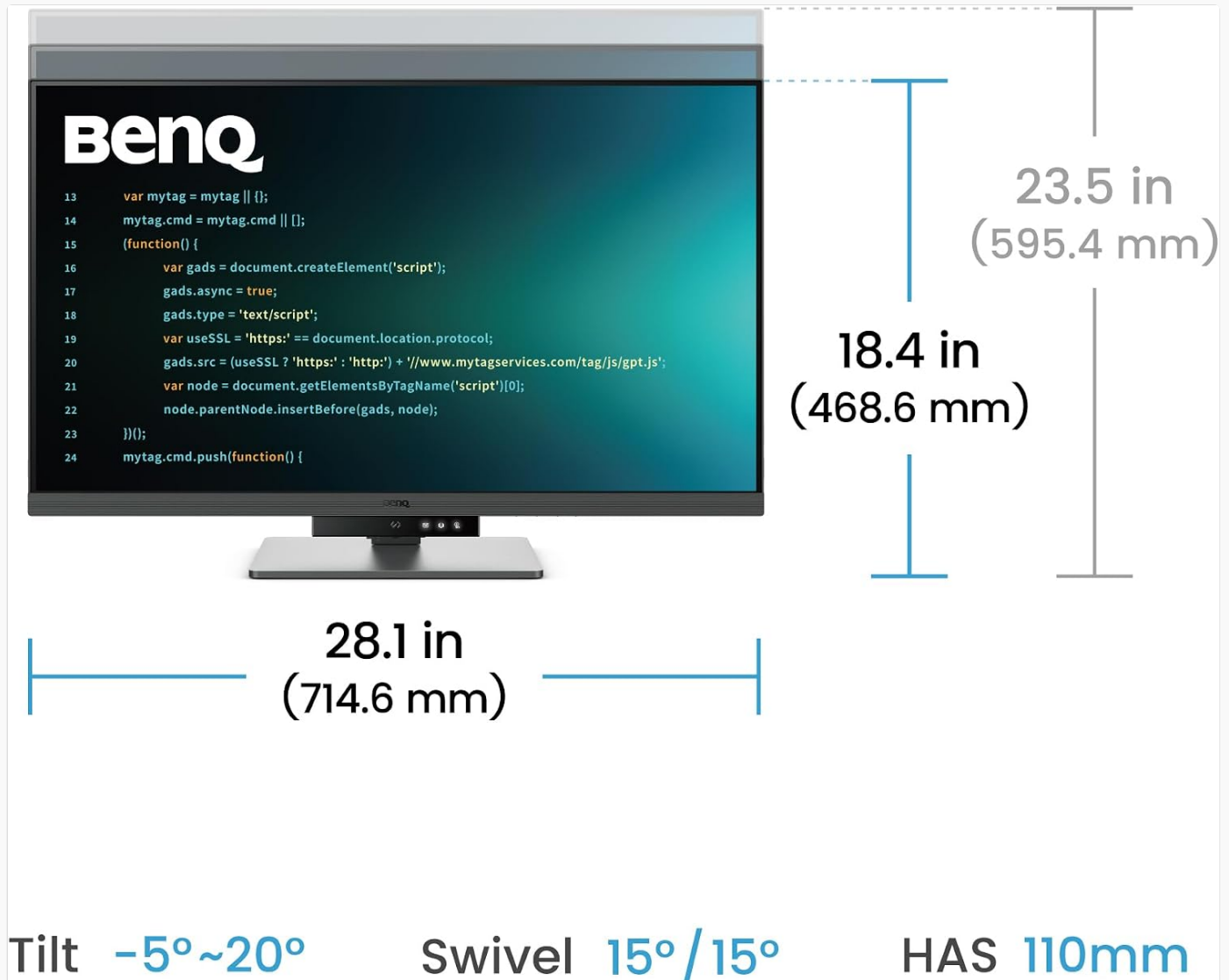
Angled front view of the BenQ RD320U monitor.

2. Connecting the Monitor

Connect the monitor to your computer using the appropriate cables. The BenQ RD320U supports multiple input options:

- **USB-C (90W Power Delivery, DisplayPort Alt Mode, Data):** For a single-cable solution providing video, data, and power to compatible devices.
- **HDMI 2.0:** For high-definition video and audio.
- **DisplayPort 1.4:** For high-resolution video and audio.
- **USB 3.2 Gen2 Type-C (downstream):** For connecting peripherals.
- **USB 3.2 Gen2 Type-A:** For connecting peripherals.

Ensure the power cable is securely connected to the monitor and a power outlet.



Rear view of the BenQ RD320U monitor with port labels.

3. Ergonomic Adjustments

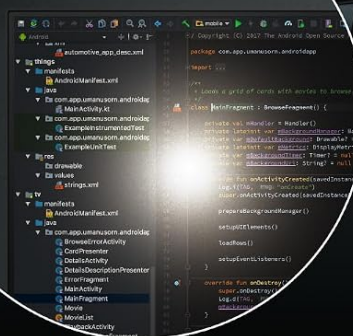
The monitor features an ergonomic stand allowing for various adjustments to optimize your viewing comfort:

- **Tilt:** Adjust the screen angle from -5° to 20°.
- **Swivel:** Rotate the screen horizontally up to 15° in either direction.
- **Height Adjustment (HAS):** Adjust the screen height by up to 110mm.

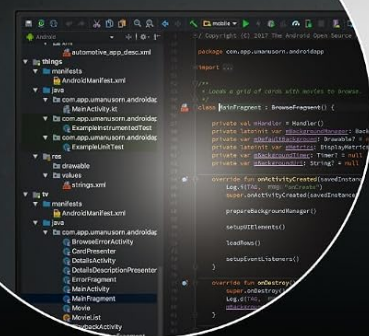
Nano Matte Panel



Others



BenQ



Monitor dimensions and ergonomic adjustment ranges.

OPERATING INSTRUCTIONS

1. Power On/Off

Press the power button located on the bottom bezel of the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

2. On-Screen Display (OSD) Menu

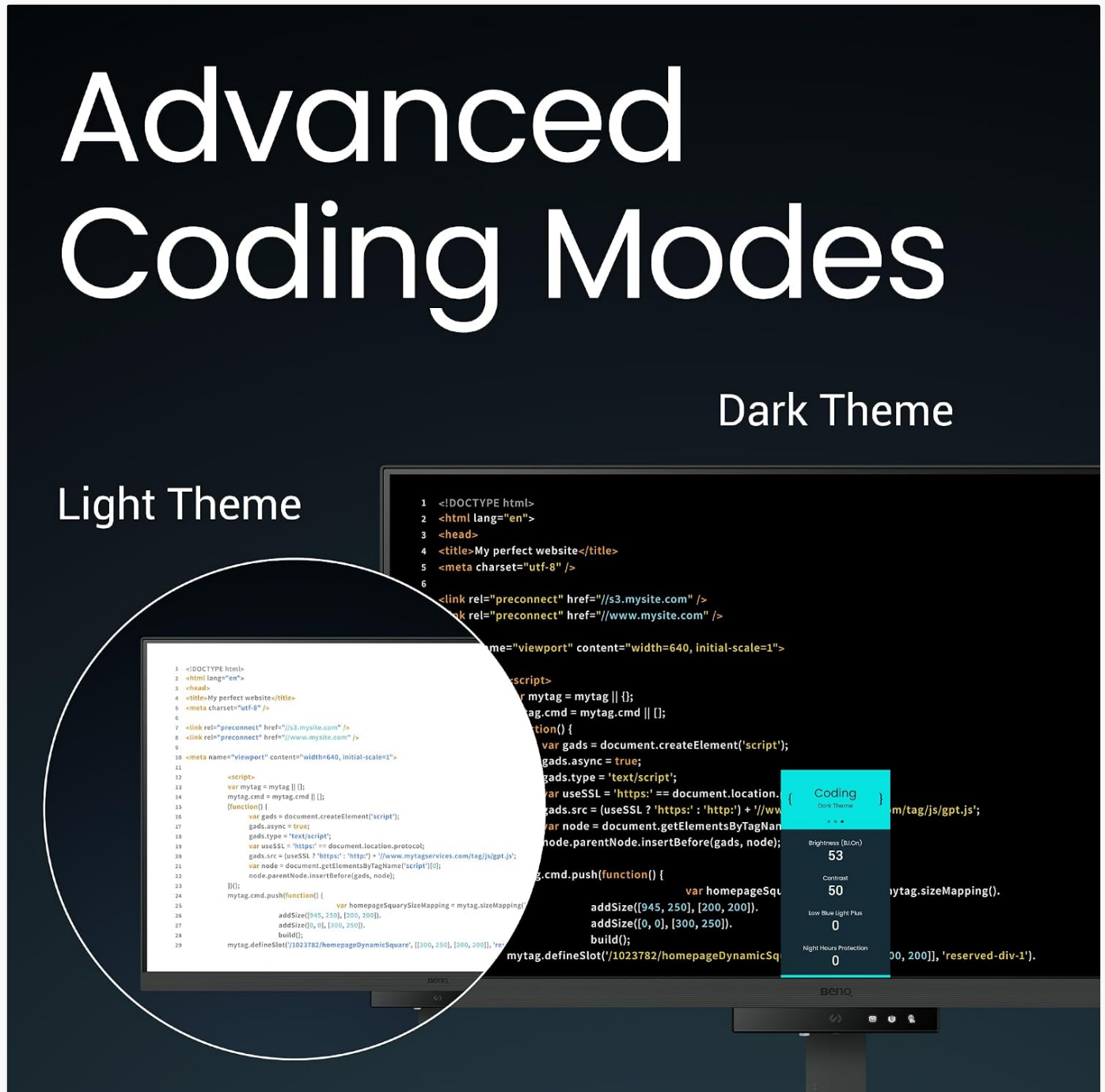
Use the OSD buttons, typically located on the bottom or rear of the monitor, to navigate and adjust settings such as brightness, contrast, color modes, input source, and more. Refer to the full user manual for a detailed OSD menu map.

3. Coding Modes

The BenQ RD320U offers specialized coding modes designed to enhance readability and reduce eye strain during

programming tasks:

- **Dark Theme Mode:** Optimizes display for dark-themed coding environments, providing clear font rendering and improved code differentiation.
- **Light Theme Mode:** Adjusts display settings for light-themed coding environments, ensuring crisp text and comfortable viewing.
- **DualView Plus:** Allows simultaneous display of two different color modes, such as M-book Mode and Coding - Dark Theme Mode, for enhanced productivity.

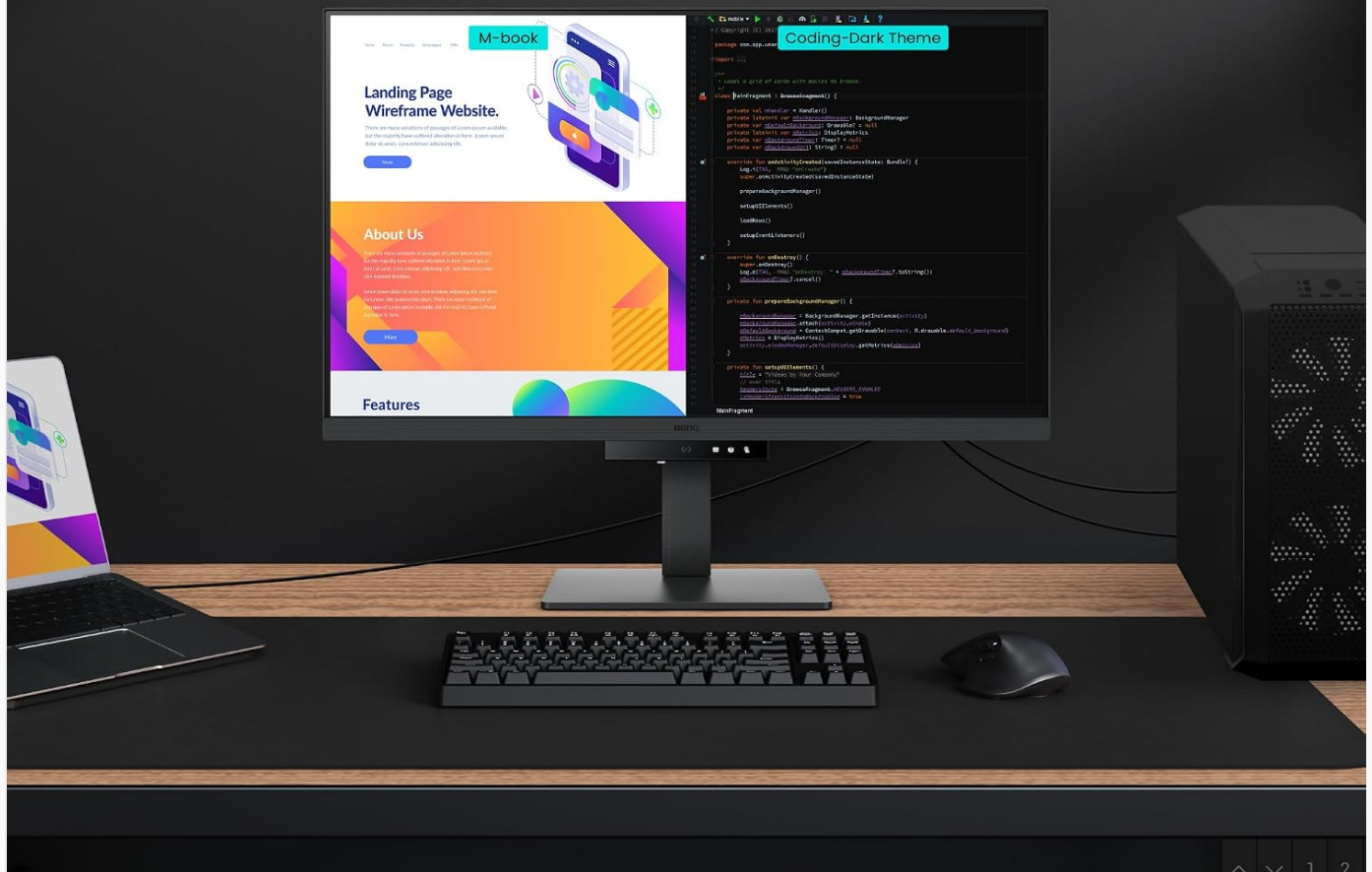


Advanced Coding Modes: Light Theme and Dark Theme.

DualView Plus

M-book Mode

Coding -
Dark Theme Mode



DualView Plus displaying M-book Mode and Coding - Dark Theme Mode.

4. Eye-Care Technology

The monitor integrates several features to protect your eyes during extended use:

- **Nano Matte Panel:** Reduces reflections and glare, minimizing visual distractions and providing clearer images.
- **Night Hours Protection:** Adjusts brightness to a minimum level, reducing eye strain in low-light environments.
- **MoonHalo Backlight:** An ambient backlight with customizable color temperature, brightness, and light modes, designed to reduce eye fatigue by balancing screen brightness with ambient light.

2000:1 Contrast Ratio

945

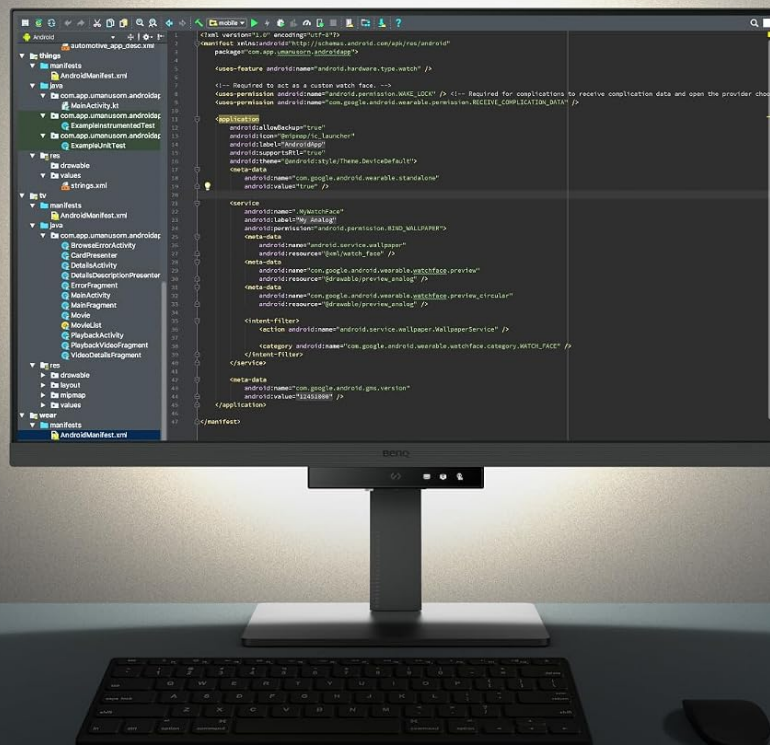
Square tag

```
7 <link rel="preconnect" href="//s3.mysite.com" />
8 <link rel="preconnect" href="//www.mysite.com" />
9
10 <meta name="viewport" content="width=640, initial-scale=1">
11
12 <script>
13   var mytag = mytag || {};
14   mytag.cmd = mytag.cmd || [];
15   (function() {
16     var gads = document.createElement('script');
17     gads.async = true;
18     gads.type = 'text/javascript';
19     var useSSL = 'https:' == document.location.protocol;
20     gads.src = (useSSL ? 'https:' : 'http:') + '//www.mytagadvertising.com/tag/js/gpt.js';
21     var node = document.getElementsByTagName('script')[0];
22     node.parentNode.insertBefore(gads, node);
23   })();
24   mytag.cmd.push(function() {
25     var homepageSquareSizeMapping = mytag.sizeMapping({});
26     addSize([945, 250], [200, 200]);
27     addSize([945, 250], [200, 250]);
28     build();
29     mytag.defineSlot('/1023782/homepageDynamicSquare', [[300, 250], [200, 200]], 'reserved-div-1');
```



Nano Matte Panel reducing reflections compared to a glossy screen.

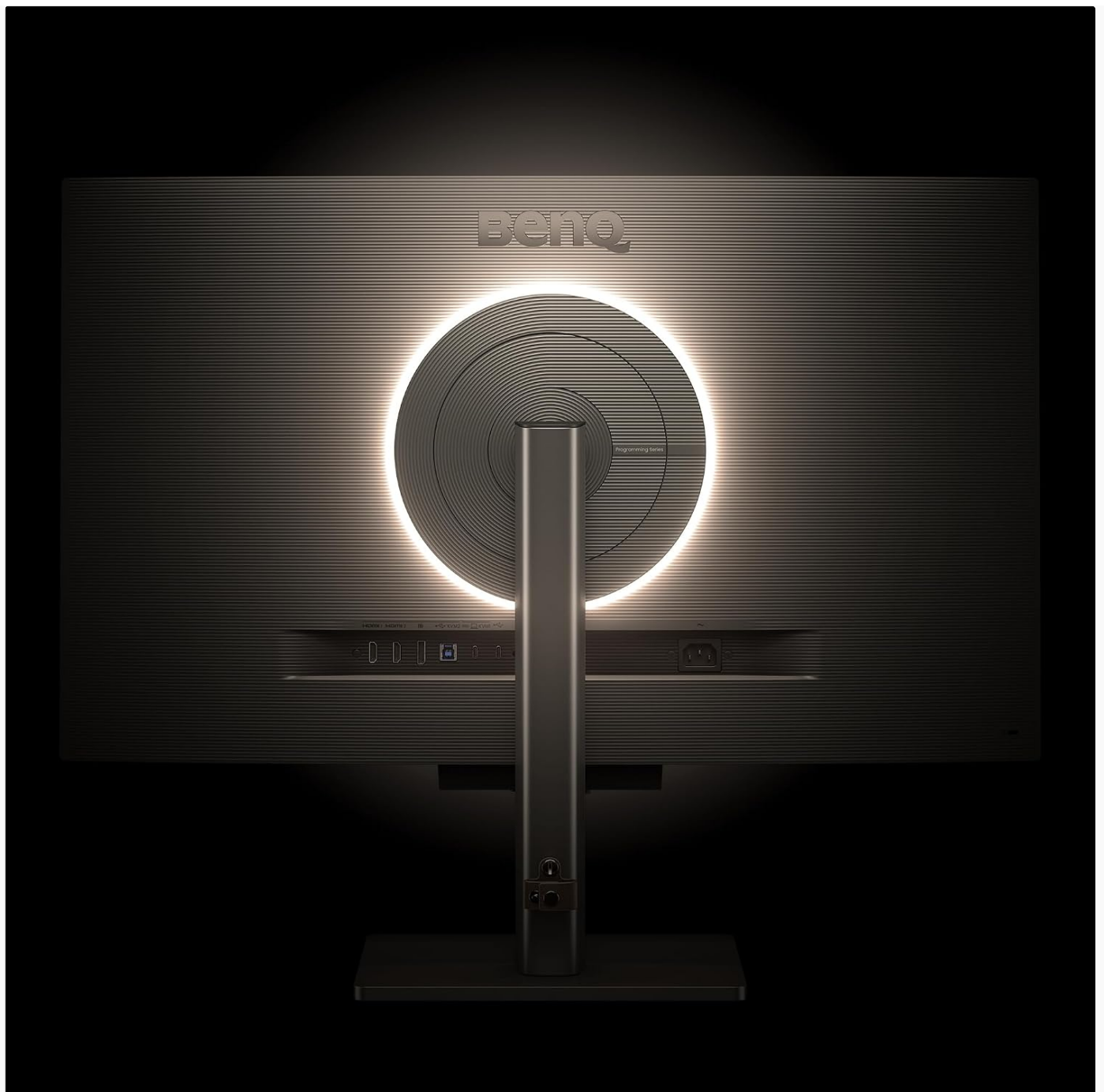
MoonHalo Backlight



MoonHalo Backlight providing ambient illumination.

5. High Contrast Ratio

Experience deeper blacks and enhanced detail with the monitor's 2000:1 contrast ratio, suitable for various applications including coding, media consumption, and gaming.



Demonstration of 2000:1 contrast ratio for improved visual depth.

MAINTENANCE

To ensure the longevity and optimal performance of your BenQ RD320U monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-alcohol-based screen cleaner. Avoid using alcohol or harsh chemicals, as they can damage the screen coating.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

TROUBLESHOOTING

If you encounter issues with your BenQ RD320U monitor, refer to the following common problems and solutions:

- No Power:**

Ensure the power cable is securely connected to both the monitor and the power outlet. Check if the power outlet is functional.
- No Signal/Blank Screen:**

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 via the OSD menu. Try restarting your computer.
- Incorrect Resolution or Refresh Rate:**

For full native resolution (3840x2160 at 60Hz), use a DisplayPort 1.4 cable or the USB-C connection. HDMI 2.0 may not support full resolution at 60Hz. Adjust display settings in your operating system.
- Flickering or Distorted Image:**

Check cable connections. Ensure your graphics card drivers are up to date. Test with a different cable if possible.
- Display Pilot Software Issues (macOS/Linux):**

The BenQ Display Pilot 2 software is primarily designed for Windows and macOS. Some users have reported issues with macOS (e.g., incorrect resolution detection) which may require third-party tools like 'Better Display' for resolution correction. The software is not officially supported on Linux, though the monitor functions normally.
- Poor Speaker Sound:**

The integrated speakers are designed for basic audio output. For higher quality audio, external speakers or headphones are recommended.

If the problem persists after attempting these solutions, please contact BenQ customer support.

SPECIFICATIONS

Feature	Specification
Brand	BenQ
Model Number	RD320U
Screen Size	32 Inches
Screen Resolution	3840x2160 (4K UHD)
Aspect Ratio	16:9
Contrast Ratio	2000:1
Panel Type	IPS
Screen Surface	Nano Matte
Connectivity	HDMI 2.0, DisplayPort 1.4, USB-C (90W PD), USB 3.2 Gen2 Type-C (downstream), USB 3.2 Gen2 Type-A
Ergonomics	Tilt (-5°~20°), Swivel (15°/15°), Height Adjustment (110mm)
Item Weight	34.2 pounds

Feature	Specification
Product Dimensions (LxWxH)	28 x 23 x 10.2 inches
Color	Metal Grey

WARRANTY AND SUPPORT

BenQ products are covered by a manufacturer's warranty. 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, driver downloads, or further assistance, please visit the official BenQ support website or contact their customer service department. You can find more information and contact details on the [BenQ Store on Amazon](#).

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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