INNOCN 43G1V

INNOCN 43G1V 43-Inch 4K 144Hz Gaming Monitor User Manual

Model: 43G1V

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your INNOCN 43G1V 43-inch 4K 144Hz Gaming Monitor. Please read this manual thoroughly before using the product and retain it for future reference.

The INNOCN 43G1V is a high-performance 43-inch monitor designed for an immersive visual experience, featuring 4K UHD resolution, a 144Hz refresh rate, HDR400 support, and versatile connectivity options including USB Type-C.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product packaging:

- INNOCN 43G1V Monitor
- Monitor Base (x1)
- Screwdriver (x1)
- Instruction Manual (x1)
- Power Cable (x1)
- HDMI Cable (x1)
- DisplayPort (DP) Cable (x1)
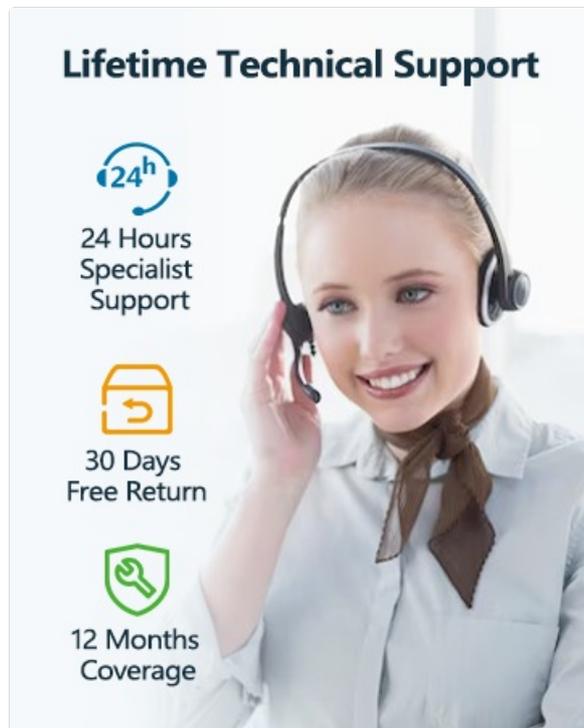- USB Type-C Cable (x1)

Figure 2.1: Included Accessories

3. SETUP

3.1 Assembling the Stand

1. Carefully remove the monitor and base from the packaging.
2. Attach the stand neck to the monitor panel using the provided screws and screwdriver.
3. Secure the base to the stand neck. Ensure all connections are firm.

3.2 Connecting Cables

Before connecting, ensure the monitor and your computer are powered off.

1. **Power Connection:** Connect the power cable to the monitor's power input and then to a power outlet.
2. **Video Connection:** Connect one end of the HDMI or DisplayPort cable to the corresponding port on your computer's graphics card and the other end to the monitor. For 4K resolution at 144Hz, a high-quality DisplayPort 1.4 or HDMI 2.1 cable is recommended.
3. **USB Type-C Connection:** If your device supports USB Type-C video output and power delivery, connect the provided USB Type-C cable from your device to the monitor's USB Type-C port. This single cable can transmit video, data, and power (up to 65W).
4. **Audio Output:** If using external speakers or headphones, connect them to the 3.5mm audio out port on the monitor.

Figure 3.1: Monitor Connectivity Ports

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

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

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick or buttons (location may vary) on the monitor to navigate the menu. Common settings include:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature.
- **Display Settings:** Aspect Ratio, Input Source selection.
- **Audio Settings:** Volume, Mute.
- **Gaming Features:** FreeSync, Response Time, Crosshair.

4.3 Key Features

4.3.1 144Hz Refresh Rate

The monitor supports a refresh rate of up to 144Hz, providing smoother motion for gaming and fast-paced content. Ensure your graphics card and connection cable support this refresh rate, and configure it in your operating system's display settings.

Figure 4.1: 144Hz Refresh Rate in action

4.3.2 AMD FreeSync Premium

This technology synchronizes the monitor's refresh rate with your AMD graphics card's frame rate, eliminating screen tearing and stuttering for a fluid gaming experience. Enable FreeSync in the monitor's OSD menu and your graphics card's control panel.

Figure 4.2: AMD FreeSync Premium

4.3.3 HDR400 Support

The monitor supports HDR400, offering increased brightness and deeper black levels for enhanced contrast and a more vibrant visual experience. Ensure HDR is enabled in your operating system's display settings and that your content supports HDR.

Figure 4.3: HDR400 Display

4.3.4 USB Type-C Power Delivery

The USB Type-C port provides video, data, and up to 65W of power delivery, allowing you to connect and charge compatible laptops or devices with a single cable.

4.3.5 Built-in Stereo Speakers

The monitor includes integrated stereo speakers for audio output. You can adjust the volume through the OSD menu or your connected device.

Figure 4.5: High Fidelity Stereo Speakers

4.3.6 LED Atmosphere Light

The monitor features an LED atmosphere light on the rear, which can be customized through the OSD menu to enhance your viewing environment.

Figure 4.6: LED Atmosphere Light

5. MAINTENANCE

5.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as these can damage the screen surface.

5.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight, excessive heat, or extreme cold.
- Keep the monitor away from liquids and excessive humidity.
- Ensure proper ventilation around the monitor to prevent overheating.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	Monitor not powered on; Incorrect input source; Loose video cable.	Ensure power cable is connected and monitor is on. Select correct input source via OSD. Check video cable connections.
Image flickering or unstable	Incorrect refresh rate; Faulty cable; Graphics card issue.	Adjust refresh rate in OS display settings. Try a different video cable. Update graphics drivers.
No sound from speakers	Volume too low or muted; Incorrect audio output selected.	Increase volume via OSD or OS. Ensure monitor is selected as audio output device in OS.
Monitor does not wake from sleep	Power management settings; Temporary software glitch.	Check power management settings on your computer. Unplug and replug the monitor's power cable.

7. SPECIFICATIONS

Feature	Specification
Model Number	43G1V
Screen Size	43 Inches
Resolution	3840 x 2160 (4K UHD)
Aspect Ratio	16:9
Refresh Rate	144Hz
HDR Support	HDR400
Adaptive Sync	AMD FreeSync Premium
Connectivity	1x USB Type-C (65W PD), 1x DisplayPort 1.4, 3x HDMI 2.1, 1x Audio Out
Built-in Speakers	Yes
Screen Surface	Glossy
Product Dimensions	1.45 x 37.5 x 23.7 inches
Item Weight	51 pounds

8. WARRANTY AND SUPPORT

INNOCN provides comprehensive support for your monitor:

- **Warranty Coverage:** 12 Months Coverage from the date of purchase.
- **Returns:** 30 Days Free Return policy.
- **Technical Support:** 24 Hours Specialist Support is available for any technical inquiries or assistance.

Figure 8.1: Customer Support Information