INNOCN 45E3R

INNOCN 45C1R 45-Inch Ultrawide Curved Gaming Monitor User Manual

Model: 45E3R

Introduction	Setup	Operating	Maintenance	Troubleshooting	Specifications	Warranty & Support

1. INTRODUCTION

This manual provides instructions for the INNOCN 45C1R 45-inch Ultrawide Curved Gaming Monitor. This monitor features a 5120x1440p resolution, a 120Hz refresh rate, and a 1500R curvature for an immersive viewing experience. It includes HDR400 support, USB Type-C with 65W power delivery, and Picture-in-Picture/Picture-by-Picture (PIP/PBP) functionality.

Figure 1: INNOCN 45C1R Ultrawide Curved Gaming Monitor. This image displays the front view of the 45-inch ultrawide curved monitor with its stand.

2. SETUP

2.1 Package Contents

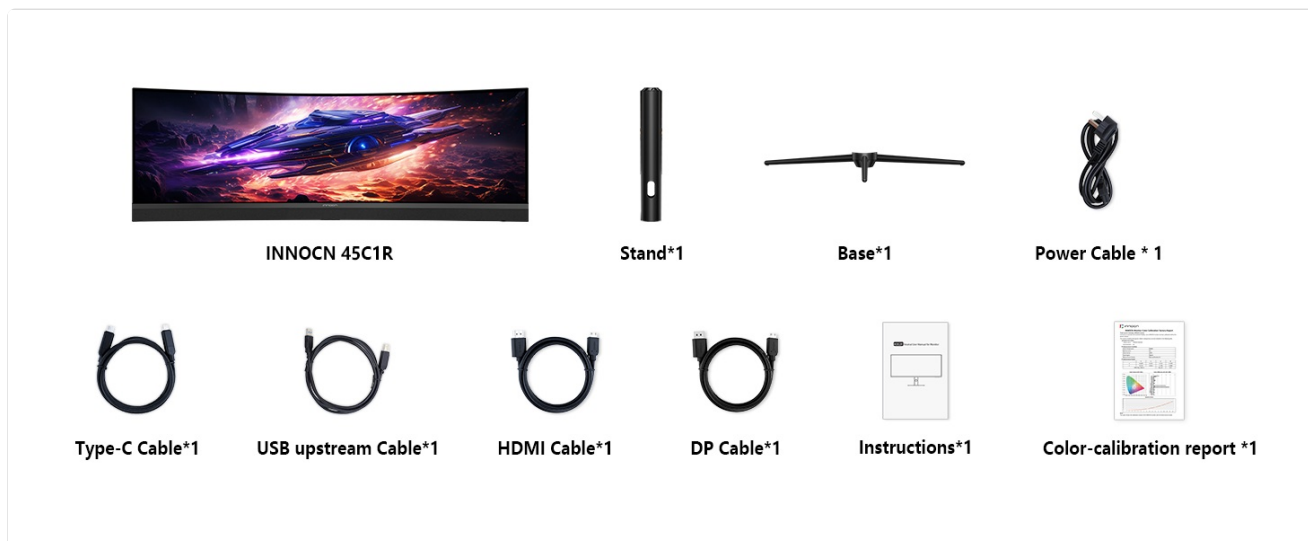Verify that all items are present in the package:

Figure 2: Package Contents. This image shows the monitor, stand, base, power cable, Type-C cable, USB upstream cable, HDMI cable, DP cable, instructions, and color calibration report.

- INNOCN 45C1R Monitor
- Stand
- Base
- Power Cable
- USB Type-C Cable
- USB Upstream Cable
- HDMI Cable
- DisplayPort (DP) Cable
- Instruction Manual
- Color Calibration Report

2.2 Monitor Assembly

1. Carefully remove the monitor and components from the packaging.
2. Attach the stand to the base using the provided screws.
3. Secure the assembled stand to the back of the monitor. Ensure it clicks into place or is fastened securely with screws, depending on the design.
4. Place the monitor on a stable, flat surface.

2.3 Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables.

Figure 3: Rear Ports of the INNOCN 45C1R Monitor. This image details the available ports: RJ45, USB-A 3.0 (x2), USB-B 3.0, HDMI 2.1 (x2), DisplayPort 1.4, USB Type-C 65W, and Audio Out.

- **Power Connection:** Connect the power cable to the monitor's power input and then to a power outlet.
- **DisplayPort (DP 1.4):** For optimal performance (5120x1440p @ 120Hz), connect the included DP cable from your computer's graphics card to the monitor's DP input.
- **HDMI (HDMI 2.1 x2):** Connect an HDMI cable from your device to one of the monitor's HDMI inputs. Supports up to 5120x1440p @ 60Hz.
- **USB Type-C (65W Power Delivery):** Connect a USB Type-C cable from a compatible laptop or device to this port. This port supports video signal, data transfer, and provides up to 65W of power delivery to charge your connected device.
- **USB Upstream (USB-B 3.0):** Connect the USB upstream cable from your computer to the monitor's USB-B port to enable the monitor's USB-A ports.
- **USB Downstream (USB-A 3.0 x2):** Connect USB peripherals like keyboards, mice, or external drives to these ports.
- **RJ45 (Ethernet):** Connect an Ethernet cable for network connectivity through the monitor.
- **Audio Out (3.5mm Jack):** Connect external headphones or speakers.

2.4 Initial Power On

Press the power button on the monitor. The power indicator light will illuminate, and the display will turn on. If no signal is detected, ensure your input source is active and correctly connected.

3. OPERATING THE MONITOR

3.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Typically, buttons located on the back or bottom of the monitor are used to navigate the menu. Refer to the quick start guide for specific button functions.

- **Brightness/Contrast:** Adjust the display's luminance and contrast levels.
- **Color Settings:** Modify color temperature, gamma, and color space (e.g., sRGB).
- **Input Source:** Manually select the active input (DP, HDMI 1, HDMI 2, Type-C).
- **Picture Settings:** Adjust sharpness, aspect ratio, and other image enhancements.
- **Audio Settings:** Control volume for the built-in speakers or connected audio devices.
- **PIP/PBP Settings:** Configure Picture-in-Picture or Picture-by-Picture modes.
- **System Settings:** Access language, OSD timeout, and other general monitor settings.

3.2 Key Features

- **Ultrawide Curved Display (1500R):** The 45-inch 1500R curved screen provides an immersive field of view, reducing eye strain compared to flat monitors during extended use.

Figure 4: 1500R Curvature. This image illustrates the 1500R curvature of the monitor, highlighting its ergonomic benefits.

- **High Resolution and Refresh Rate:** Enjoy a sharp 5120x1440p (5K2K) resolution and a smooth 120Hz refresh rate, ideal for gaming and content creation.

Figure 5: 120Hz Smooth Refresh Rate. This image visually compares the smoothness of 120Hz versus 60Hz refresh rates in a fast-moving scene.

- **HDR400 Support:** The monitor supports DisplayHDR 400, offering enhanced contrast and color performance with a 3000:1 contrast ratio and 99% sRGB color gamut.

Figure 6: DisplayHDR 400 Certification. This image shows the monitor displaying a vibrant city scene, indicating HDR

- **Adaptive-Sync Technology:** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering.
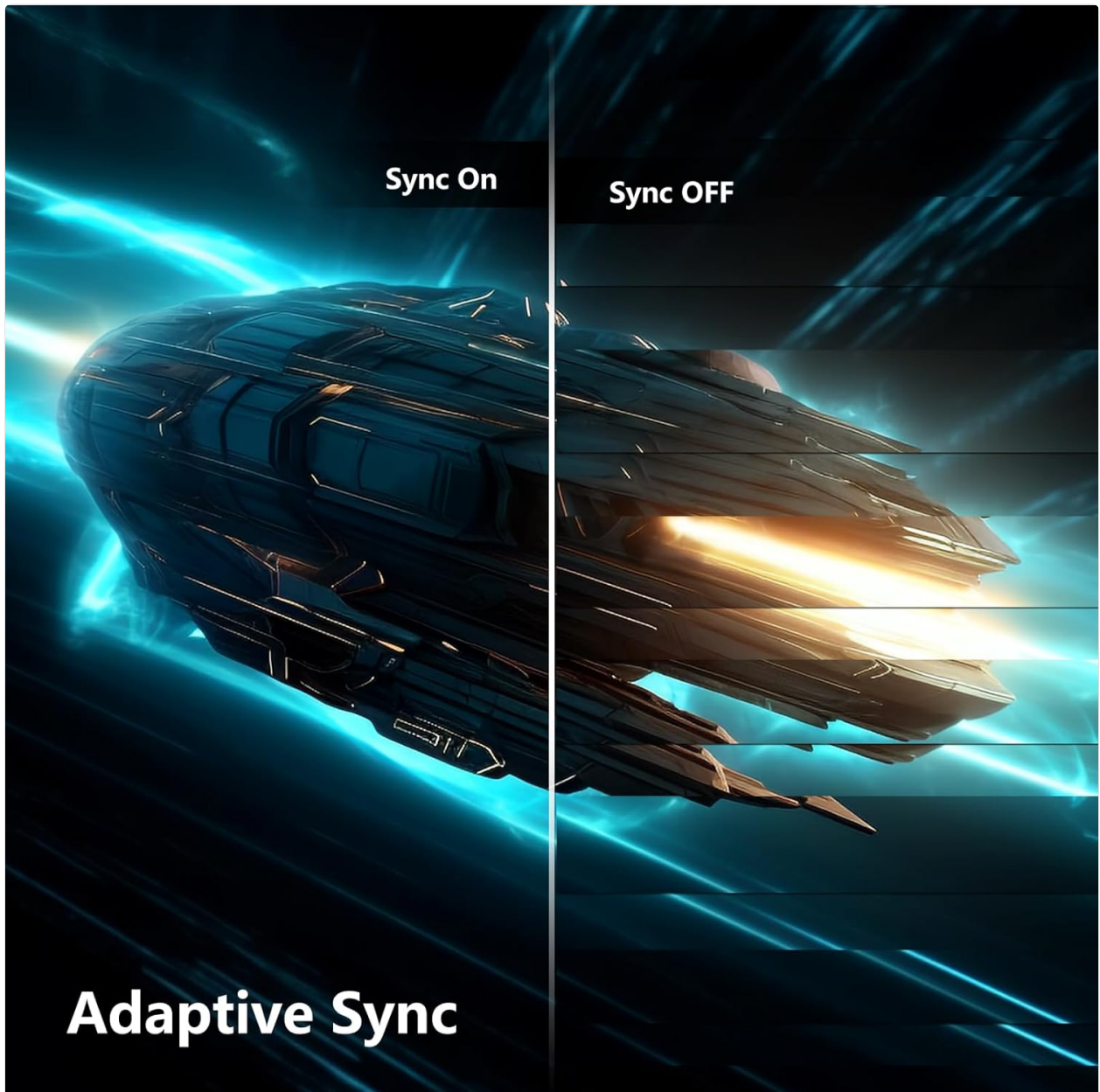

Figure 7: Adaptive Sync On vs. Off. This image demonstrates the visual difference between Adaptive Sync enabled and disabled, showing smoother motion with Sync On.

- **USB Type-C with 65W Power Delivery:** A single USB-C cable can transmit video, data, and provide up to 65W of power to charge compatible devices.

USB Type C 65W Power Delivery

Figure 8: USB Type-C 65W Power Delivery. This image shows a laptop connected to the monitor via a USB-C cable, indicating power delivery and display functionality.

- **PIP/PBP Functionality:** Display content from two separate input sources simultaneously on the screen, enhancing multitasking capabilities.
- **Built-in Speakers:** The monitor includes integrated stereo speakers for audio output.

Figure 9: Integrated Stereo Speakers. This image highlights the monitor's built-in speakers with sound wave graphics.

- **Ergonomic Adjustments:** The stand allows for tilt, swivel, and height adjustments to achieve an optimal viewing position.

4. MAINTENANCE

4.1 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 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 or casing.
- Wipe the screen gently to remove dust and smudges.

4.2 General Care

- Keep the monitor away from direct sunlight, excessive heat, and moisture.

- Ensure proper ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.
- If the monitor will not be used for an extended period, unplug it from the power source.

5. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No image on screen	- Monitor not powered on. - Video cable not connected. - Incorrect input source selected. - Computer in sleep mode or off.	- Press the power button. - Ensure video cables (DP, HDMI, USB-C) are securely connected. - Select the correct input source via the OSD menu. - Wake up or turn on the computer.
Image is blurry or distorted	- Incorrect resolution setting. - Faulty video cable.	- Set the display resolution to 5120x1440p in your operating system settings. - Try a different video cable.
No audio from speakers	- Volume too low or muted. - Incorrect audio output device selected. - Audio cable (if using 3.5mm) not connected.	- Adjust volume via OSD or computer settings. - Ensure the monitor is selected as the audio output device in your operating system. - If using the 3.5mm jack, ensure the cable is connected.
USB ports not working	- USB upstream cable not connected. - Driver issues.	- Connect the USB-B upstream cable from the monitor to your computer. - Ensure USB drivers are up to date on your computer.

6. SPECIFICATIONS

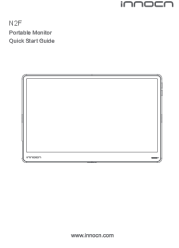| Feature	Detail
Brand	INNOCN
Model Number	45E3R
Screen Size	45 Inches
Resolution	5120x1440 Pixels (QHD Ultra Wide 1440p)
Aspect Ratio	32:9
Refresh Rate	120Hz
Curvature	1500R
Panel Type	VA

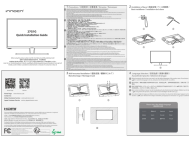| Feature	Detail
HDR Support	DisplayHDR 400
Connectivity	1 x DisplayPort 1.4 2 x HDMI 2.1 1 x USB Type-C (65W PD) 1 x USB-B 3.0 (Upstream) 2 x USB-A 3.0 (Downstream) 1 x RJ45 (Ethernet) 1 x 3.5mm Audio Jack
Built-in Speakers	Yes
Ergonomics	Tilt, Swivel, Height Adjustable
Product Dimensions	10 x 47 x 18 inches
Item Weight	26.5 pounds

7. WARRANTY & SUPPORT

INNOCN products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included in your product packaging or visit the official INNOCN website.
Official INNOCN Website: www.innocn.com

Related Documents - 45E3R

	INNOCN PF15-PRO Portable Monitor Quick Start Guide This guide provides essential information for setting up and using the INNOCN PF15-PRO Portable Monitor, including safety precautions, product specifications, and troubleshooting.
	INNOCN N2F Portable Monitor Quick Start Guide A comprehensive guide for the INNOCN N2F portable monitor, detailing setup, features, OSD menu options, troubleshooting, specifications, and warranty information.
	INNOCN N1F PRO Portable Monitor Quick Start Guide Comprehensive Quick Start Guide for the INNOCN N1F PRO portable monitor. Learn about setup, safety precautions, key features, OSD menu navigation, troubleshooting, technical specifications, and warranty information.

	[INNOCN PU15-PRE Portable Monitor Quick Start Guide](#) This guide provides a quick start for the INNOCN PU15-PRE portable monitor, covering setup, features, and troubleshooting.
	[INNOCN 27G1G Quick Installation Guide](#) This guide provides quick installation instructions for the INNOCN 27G1G monitor, covering precautions, base installation, wall mounting, cable connections, and button descriptions.
	[Innocn 27C1U-D Art Monitor User Manual](#) User manual for the Innocn 27C1U-D Art Monitor, providing detailed instructions on installation, setup, operation, OSD menu navigation, technical specifications, and troubleshooting tips.