NGTeco N3

NGTeco N3 Portable Monitor User Manual
Model: N3

1. INTRODUCTION

Thank you for choosing the NGTeco N3 Portable Monitor. This manual provides essential information for setting up, operating, and maintaining your new monitor. Please read it thoroughly to ensure optimal performance and longevity of your device.

Key Features:

- **16-inch 1200P FHD Display:** Enjoy crisp visuals with a 1920x1200 resolution and a 16:10 aspect ratio.
- **Ultra-Slim and Portable Design:** Designed for ease of transport and use in various environments.
- **Wide Compatibility:** Connects to laptops, PCs, Macs, phones, Xbox, Switch, and PS4/PS5 via USB-C or HDMI.
- **Integrated Speakers:** Provides audio output without external devices.
- **Smart Cover:** Offers protection and functions as a stand.

Image: The NGTeco N3 Portable Monitor in use, showcasing its display capabilities alongside a laptop.

2. SETUP AND CONNECTION

Follow these steps to connect your NGTeco N3 Portable Monitor to your device.

2.1 Package Contents

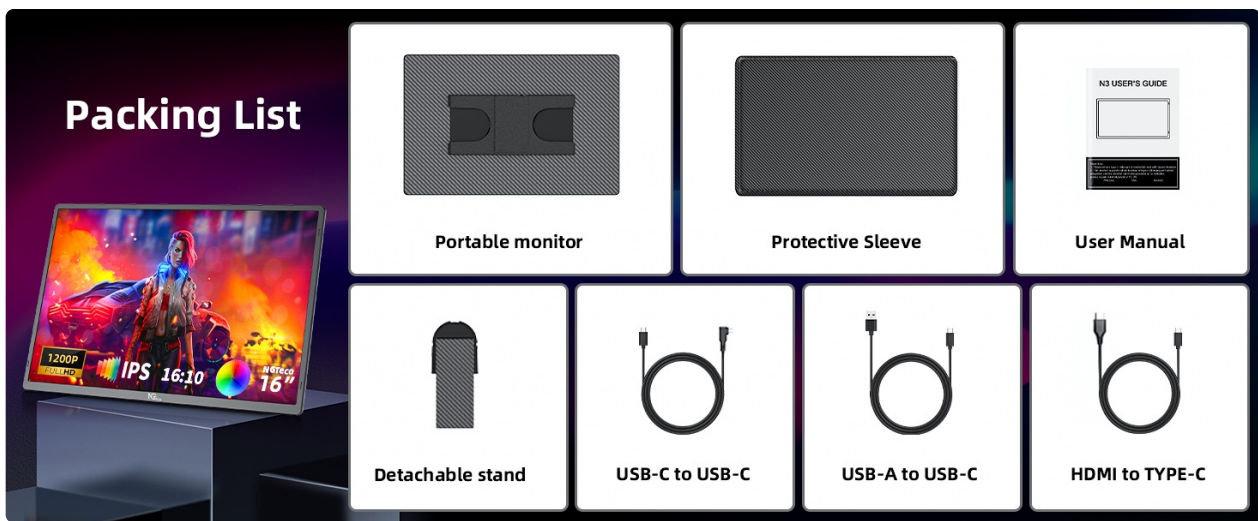Before proceeding, ensure all items are present in your package:

Image: A visual representation of the items included in the NGTeco N3 Portable Monitor package.

1. Portable Monitor
2. Protective Sleeve
3. User Manual (this document)
4. Detachable Stand
5. USB-C to USB-C Cable
6. USB-A to USB-C Cable
7. HDMI to Type-C Cable

2.2 Connecting the Monitor

The NGTeco N3 monitor supports two primary connection methods:

Option 1: USB Type-C (Full-Featured)

If your device (laptop, phone, etc.) has a full-featured USB-C port that supports video output and power delivery, you can connect the monitor with a single USB-C to USB-C cable.

1. Connect one end of the USB-C to USB-C cable to your device's USB-C port.
2. Connect the other end to the monitor's USB-C port.
3. The monitor should automatically detect the signal and power on.

Option 2: HDMI and Power Cable

If your device does not have a full-featured USB-C port, or if you prefer HDMI, you will need both an HDMI cable for video and a USB cable for power.

1. Connect the HDMI to Type-C cable from your device's HDMI port to the monitor's HDMI port.
2. Connect the USB-A to USB-C cable from a power source (e.g., wall adapter, laptop USB-A port) to the monitor's USB-C power input port.
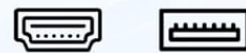3. The monitor will power on and display the signal from the HDMI input.

Image: Visual guide illustrating the two primary methods for connecting the NGTeco N3 Portable Monitor.

2.3 Compatibility Notes for MacBooks (M1/M2/M3 Chips)

For MacBooks equipped with M1, M2, or M3 chips, dual-screen functionality may require an H5 hub (if not included) and specific driver installation. If you encounter issues with one screen working, no signal, or screen flickering, these are often compatibility-related and can be resolved by ensuring proper drivers and accessories are used. Please refer to NGTeco Support for detailed instructions and assistance.

2.4 Using the Detachable Stand

The monitor includes a detachable stand for flexible positioning. The stand allows for 360-degree rotation and

adjustable angles for both horizontal (25-80 degrees) and vertical (20-89 degrees) display modes. You may hear a gear sound when adjusting the bracket, which is normal.

Image: Instructions for installing and adjusting the detachable stand, highlighting its rotational and angle capabilities.

3. OPERATING THE MONITOR

3.1 Basic Display Functions

Once connected, your NGTeco N3 monitor will function as an external display. You can configure display settings (e.g., extend, duplicate, primary display) through your operating system's display settings.
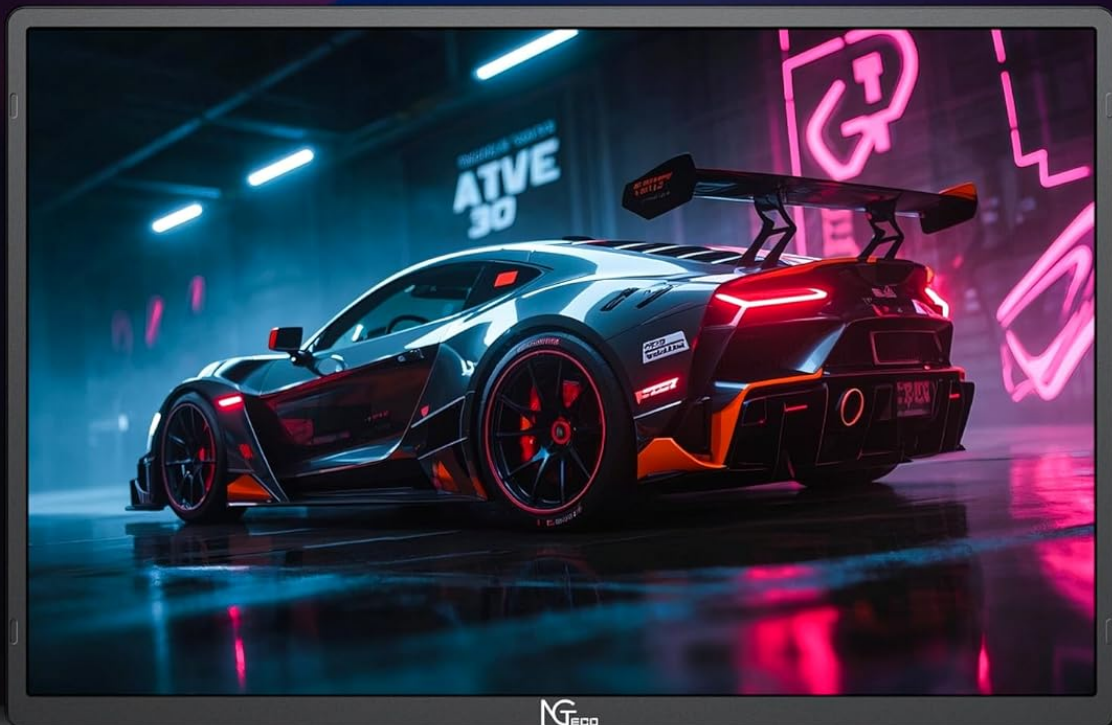
Image: Key display specifications of the NGTeco N3 monitor, including resolution, brightness, and refresh rate.

3.2 On-Screen Display (OSD) Menu

The monitor features an OSD menu for adjusting various settings such as brightness, contrast, color temperature, input source, and audio volume. Access the OSD menu using the physical buttons on the monitor (refer to the monitor's physical layout for button locations).

3.3 Enhanced Productivity

Utilize the NGTeco N3 as a second monitor to enhance your workflow, providing additional screen real estate for multitasking, content creation, or presentations.
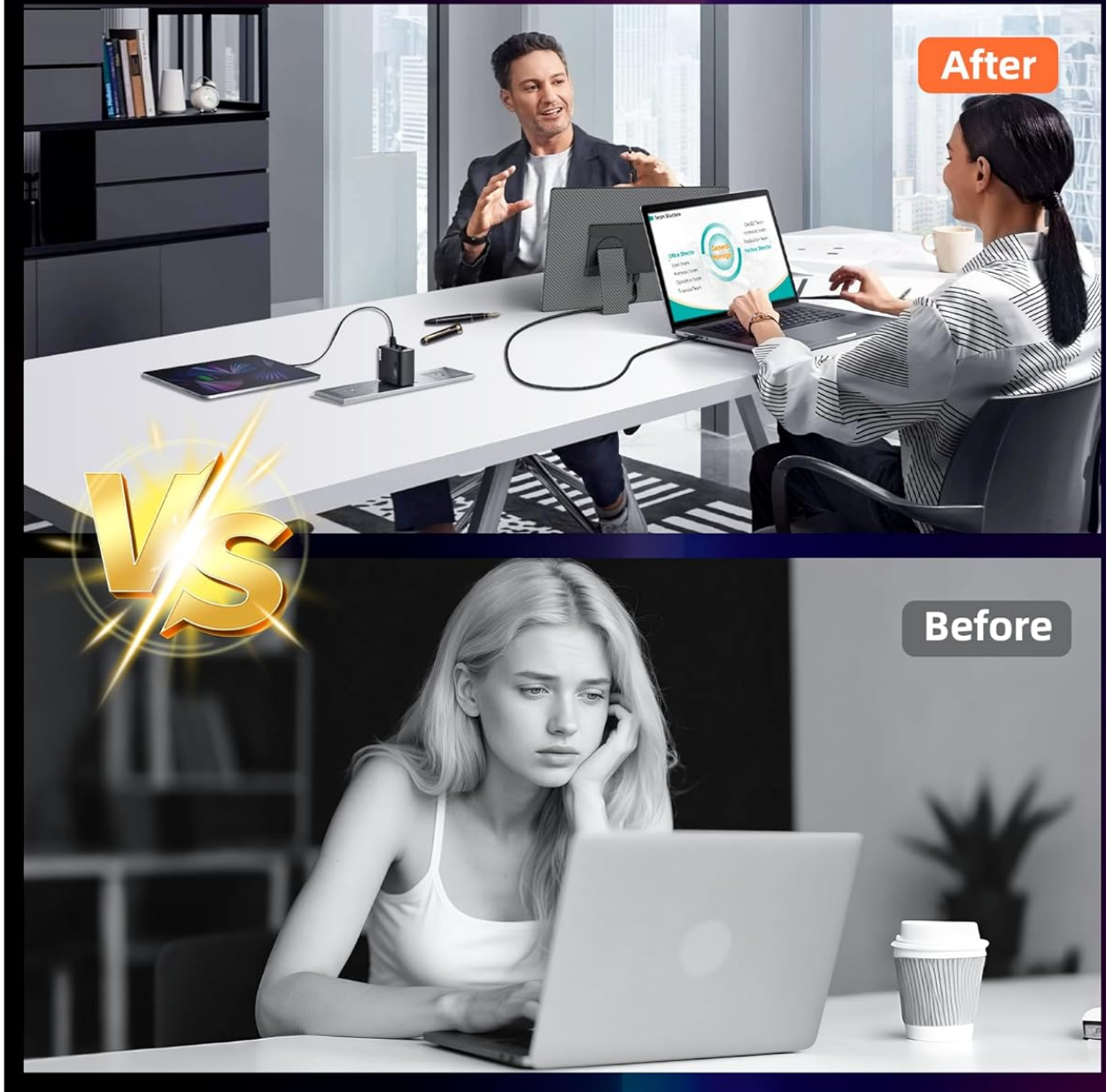
Image: A comparison illustrating how adding an external monitor can improve work efficiency and collaboration.

3.4 Gaming and Entertainment

The monitor's 1200P IPS display and 60Hz refresh rate provide a suitable experience for gaming and multimedia consumption. Connect your gaming consoles (Xbox, Switch, PS4/PS5) for an expanded view.

Image: A user engaging in gaming on the NGTeco N3 portable monitor with game controllers.

3.5 Mobile Device Projection

For compatible smartphones with full-featured USB-C ports, you can project your phone's screen onto the NGTeco N3 monitor, transforming it into a larger display for apps, videos, or presentations.
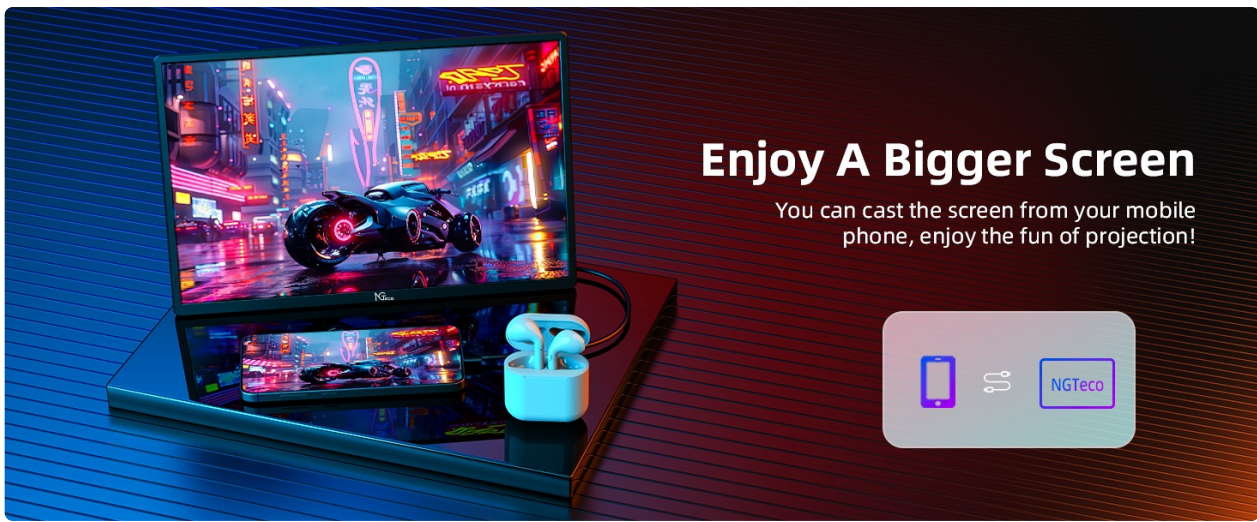
Image: Demonstrating the ability to cast a mobile phone screen to the NGTeco N3 monitor for a larger viewing experience.

4. MAINTENANCE

Proper care ensures the longevity and performance of your NGTeco N3 Portable Monitor.

4.1 Cleaning the Screen

- Always power off the monitor and disconnect it from the power source before cleaning.
- Use a soft, lint-free cloth (e.g., microfiber cloth) to gently wipe the screen.
- For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution. Do not spray liquid directly onto the screen.
- Avoid using harsh chemicals, abrasive cleaners, or alcohol-based solutions, as these can damage the screen coating.

4.2 General Care

- Keep the monitor away from direct sunlight, excessive heat, and humidity.
- Avoid placing heavy objects on the monitor or applying pressure to the screen.
- When transporting, use the provided protective sleeve to prevent scratches and impacts.
- Ensure proper ventilation around the monitor to prevent overheating.

5. TROUBLESHOOTING

If you encounter issues with your NGTeco N3 Portable Monitor, refer to the following common solutions:

5.1 No Signal / Black Screen

- **Check Cables:** Ensure all cables (USB-C, HDMI, power) are securely connected to both the monitor and your device.
- **Power Source:** Verify the monitor is receiving adequate power. If using HDMI, ensure the USB power cable is connected to a sufficient power source.
- **Input Source:** Use the OSD menu to manually select the correct input source (e.g., USB-C, HDMI).
- **Device Output:** Confirm your connected device is configured to output video to an external display. Try restarting your device.

- **Compatibility (MacBooks M1/M2/M3):** If using a MacBook with M1/M2/M3 chips, ensure any required H5 hub is connected and drivers are installed.

5.2 Screen Flickering / Unstable Display

- **Cable Quality:** Try using a different, high-quality USB-C or HDMI cable.
- **Power Supply:** Ensure the monitor is receiving stable power. If powered by a laptop's USB port, try connecting to a dedicated wall adapter.
- **Refresh Rate:** Check your device's display settings to ensure the refresh rate is set appropriately (e.g., 60Hz).
- **Driver Updates:** Ensure your device's graphics drivers are up to date.

5.3 No Audio / Low Volume

- **Monitor Volume:** Adjust the volume through the monitor's OSD menu.
- **Device Volume:** Check the audio output settings on your connected device and ensure the volume is not muted or too low.
- **Output Device:** Confirm that the NGTeco monitor is selected as the audio output device in your operating system's sound settings.

5.4 One Screen Working (for dual-screen setups)

- **MacBook M1/M2/M3:** As noted in the setup section, specific hubs and drivers may be required for dual-screen functionality on these MacBooks.
- **Display Settings:** Ensure your operating system's display settings are configured to 'Extend' or 'Duplicate' displays, and that both monitors are detected.
- **Cable Connections:** Double-check that both monitors are correctly connected and receiving power.

If these steps do not resolve your issue, please contact NGTeco Support for further assistance.

6. SPECIFICATIONS

Feature	Specification
Model	N3
Screen Size	16 Inches
Display Type	IPS
Resolution	1920 x 1200 (1200P FHD)
Aspect Ratio	16:10
Refresh Rate	60 Hz
Brightness	300 nits
Contrast Ratio	2000:1
Response Time	0.1 Milliseconds

Feature	Specification
Viewing Angle	178 Degrees
Connectivity	HDMI, USB Type-C
Product Dimensions	0.15 x 3.6 x 2.35 cm; 1.77 kg
Special Features	Portable, Built-in Speakers, Smart Cover

7. WARRANTY AND SUPPORT
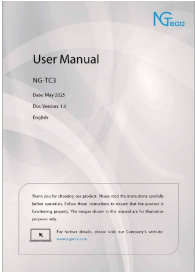
7.1 Warranty Information

For detailed information regarding the warranty period and terms for your NGTeco N3 Portable Monitor, please refer to the warranty card included with your product or visit the official NGTeco website. Keep your proof of purchase for warranty claims.

7.2 Customer Support

If you require technical assistance, have questions about your product, or need to report an issue, please contact NGTeco Customer Support. You can typically find contact information on the NGTeco website or within your product packaging.

NGTeco Support: Visit the NGTeco Store on Amazon

Related Documents - N3

User Manual Smart Plug Version: 1.0	**NGTeco Smart Plug User Manual: Setup, Control, and Integration** Comprehensive user manual for the NGTeco Smart Plug (Version 1.0). Learn how to connect, control, and integrate the smart plug with NGTeco Home, Amazon Alexa, and Google Home. Includes setup instructions, scheduling, timer functions, and troubleshooting.
User Manual NG-TC3 Doc: May 2025 Doc Version: 1.0 English	**NG-TC3 User Manual - NGTeco Time and Attendance System** This user manual provides comprehensive instructions for the NGTeco NG-TC3, a biometric time and attendance system. Learn about device setup, user management, verification methods, and integration with NGTeco Office software for efficient attendance tracking and management.

	[NG-TC2 Cloud-based Fingerprint Time Clock - NGTeco](#) Discover the NGTeco NG-TC2, a cloud-based fingerprint time clock offering fast and reliable attendance tracking. Features include TCP/IP and dual-band Wi-Fi, a built-in backup battery, and integration with NGTeco Office software for efficient management.
	[Manual de Usuario Cámara Inteligente NGTeco](#) Guía completa para configurar y usar su cámara inteligente NGTeco, incluyendo conexión Wi-Fi, LAN y funciones avanzadas.
	[NGTeco Time Clock - K4 Model Quick Start Guide](#) A quick start guide for the NGTeco Time Clock - K4 Model, covering components, installation, device usage, user registration, pay period setup, attendance rules, time reports, and data management.
	[NGTeco Time Clock W3 Model Quick Start Guide](#) A quick start guide for the NGTeco W3 Model Time Clock, providing essential setup and operational instructions for time and attendance management.