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CNBANAN P16A17

CNBANAN 16-inch Portable Monitor User Manual

Model: P16A17 | Brand: CNBANAN

INTRODUCTION

Thank you for purchasing the CNBANAN 16-inch Portable Monitor. This manual provides essential information for setting up, operating, and maintaining your device. Please read it thoroughly before use to ensure optimal performance and safety.

SAFETY INFORMATION

- Do not expose the monitor to extreme temperatures, humidity, or direct sunlight.
- Avoid dropping or subjecting the monitor to strong impacts.
- Use only the provided cables and power adapter.
- Do not attempt to disassemble or repair the monitor yourself. Contact qualified service personnel for assistance.
- Keep the monitor away from liquids and avoid spilling any substances on it.

PACKAGE CONTENTS

Please check the box for the following items:

- CNBANAN 16-inch Portable Monitor (P16A17)
- Magnetic Protective Cover (doubles as a stand)
- USB-C to USB-C Cable
- USB-A to USB-C Cable
- HDMI to Mini HDMI Cable
- Power Adapter (USB-A, 18W)
- User Manual

PRODUCT OVERVIEW



The CNBANAN 16-inch Portable Monitor, showcasing its 3:2 aspect ratio and 2.5K QHD resolution, designed for high-quality visual output.

インターフェースディスプレイ

HDMI
Mini



PS3/4/5



Switches



Desktop PC



Tablet

TYPE-C



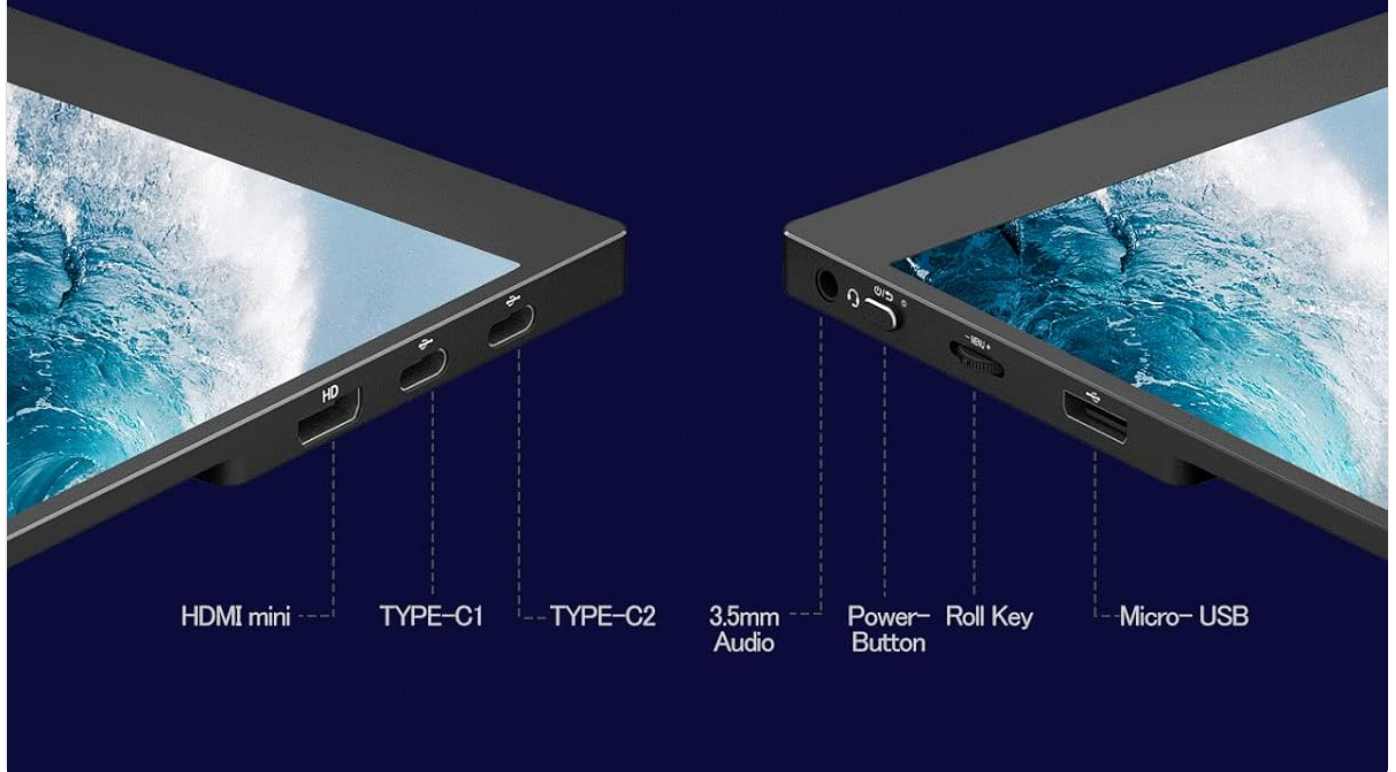
Smart Phones



Laptop



MAC



HDMI mini

TYPE-C1

TYPE-C2

3.5mm
Audio

Power
Button

Roll Key

Micro-USB

Detailed view of the monitor's interface ports, including HDMI Mini, Type-C (x2), 3.5mm Audio, Power/Roll Key Button, and Micro-USB.

Ports and Buttons:

- **HDMI Mini:** For video input from devices with HDMI output.
- **Type-C (x2):** For video input, power delivery, and data transfer from compatible devices.
- **3.5mm Audio Jack:** For connecting external headphones or speakers.
- **Power/Roll Key Button:** Used to power on/off the monitor and navigate the On-Screen Display (OSD) menu.

- **Micro-USB:** For power input (if needed) or connecting peripherals.

SETUP

Connecting to Devices:

The CNBANAN portable monitor offers versatile connectivity options. Ensure your device supports video output via Type-C (DisplayPort Alternate Mode) or HDMI.

1. **Using Type-C (Single Cable Connection):**

Connect one end of the provided USB-C to USB-C cable to the monitor's Type-C port and the other end to a compatible Type-C port on your laptop, smartphone, or other device. This connection can provide both video signal and power, depending on your device's output capabilities. If the device cannot supply enough power, connect the monitor to an external power source using the provided power adapter.

2. **Using HDMI:**

Connect one end of the provided HDMI to Mini HDMI cable to the monitor's HDMI Mini port and the other end to the HDMI port on your PC, gaming console (PS4, PS5, Xbox One, Nintendo Switch), or other device. You will also need to connect the monitor to a power source using the USB-A to USB-C cable and the power adapter.

マルチスクリーン作業 仕事の効率を上げる



Example of a multi-screen setup, enhancing work efficiency with the portable monitor connected to a laptop.

ゲーム機器で遊ぶ

Xbox、Switch、PS3/4/5などに幅広く対応する。



Switch



PS4



XBox One



Wii



The monitor is excellent for gaming, shown here connected to a game console for an immersive experience.

Powering the Monitor:

If your connected device does not provide sufficient power via Type-C, or if you are using an HDMI connection, you must power the monitor externally. Connect the provided USB-A to USB-C cable to the monitor's Type-C power input port and the USB-A end to the included power adapter, then plug the adapter into a wall outlet.

Basic Functions:

- **Power On/Off:** Press and hold the Power/Roll Key button for a few seconds to turn the monitor on or off.

OSD (On-Screen Display) Menu Navigation:

Press the Power/Roll Key button briefly to access the OSD menu. Use the same button to navigate through menu options (roll up/down) and press it to confirm selections. The OSD menu allows you to adjust:

- **Brightness:** Adjust the screen's luminance (300 nits maximum).
- **Image Adjustment:** Fine-tune contrast, sharpness, and other image parameters.
- **Color Settings:** Modify color temperature, hue, and saturation.
- **OSD Settings:** Adjust OSD language, transparency, and timeout.
- **Reset:** Restore all settings to factory defaults.
- **Other:** Additional settings as available.

Display Modes:

The monitor supports various display modes when connected to a computer:

- **Extended Mode:** Extends your desktop across both screens, providing more workspace.
- **Duplicate Mode:** Duplicates your primary screen's content onto the portable monitor.
- **Single Mode:** Uses only the portable monitor as the display.

Screen Orientation:

The monitor can be used in both landscape and portrait orientations. The magnetic protective cover can be folded to support the monitor in either orientation, allowing you to adjust the viewing angle for optimal comfort during work or reading.



The monitor supports portrait orientation, ideal for coding, document viewing, or reading.

MAINTENANCE

- **Cleaning:** Use a soft, lint-free cloth to clean the screen. For stubborn marks, slightly dampen the cloth with water or a screen cleaner. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the monitor in its protective cover to prevent scratches and dust accumulation. Keep it in a cool, dry place.
- **Handling:** Always handle the monitor by its edges. Avoid pressing on the screen.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/"No Signal" message	Incorrect cable connection; Insufficient power; Incorrect input source selected.	Ensure cables are securely connected. Connect external power if using HDMI or if Type-C power is insufficient. Check OSD menu to select correct input source.
Screen flickering or unstable image	Faulty cable; Power fluctuations; Device compatibility issue.	Try a different cable. Ensure stable power supply. Update graphics drivers on your connected device.
No sound from speakers	Volume too low; Muted; Incorrect audio output selected on source device.	Adjust volume via OSD menu. Ensure monitor is not muted. Select the monitor as the audio output device on your computer/console.
Cannot connect to iPhone directly	iPhone requires specific adapters (e.g., Lightning to HDMI/USB-C adapter) for video output.	This monitor does not support direct connection to iPhone. An appropriate adapter is required.
Monitor does not charge	No built-in battery.	This product does not have a built-in battery and cannot be charged. It requires continuous power supply during operation.

SPECIFICATIONS

Feature	Detail
Brand	CNBANAN
Model	P16A17
Screen Size	16 Inches
Panel Type	IPS
Resolution	2.5K (2520 x 1680 Pixels)
Aspect Ratio	3:2
Refresh Rate	60Hz
Brightness	300 nits
Color Gamut	100% sRGB
Contrast Ratio	1500:1
Viewing Angle	178°
Connectivity	2x Type-C, 1x HDMI Mini, 1x 3.5mm Audio Jack
Built-in Speakers	Yes
Monitor Weight	Approx. 500g
Thickness	9mm
Product Dimensions (L x W x H)	30.4 x 24.9 x 0.9 cm

WARRANTY AND SUPPORT

CNBANAN products are designed for reliability and performance. For warranty information, please refer to the warranty card included in your product packaging or contact CNBANAN customer support directly. If you encounter any issues not covered in this manual, please reach out to our support team for assistance.

For further inquiries or technical support, please visit the official CNBANAN website or contact your retailer.