

Warrky WARRKY-AV-CH13B3

WARRKY USB C to HDMI Cable 4K 60Hz Instruction Manual

Model: WARRKY-AV-CH13B3

INTRODUCTION

This manual provides comprehensive instructions for the WARRKY USB C to HDMI Cable, designed for high-quality video and audio transmission from USB-C enabled devices to HDMI displays. Please read this guide carefully to ensure proper setup and optimal performance.

SETUP: CONNECTING YOUR WARRKY USB C TO HDMI CABLE

The WARRKY USB C to HDMI Cable is designed for effortless plug-and-play functionality. Follow these steps to connect your devices:

1. Identify the USB-C port on your source device (e.g., smartphone, tablet, laptop). Ensure it supports video output (DP Alt Mode) or is a Thunderbolt 3/4/5 port.
2. Connect the USB-C end of the WARRKY cable to the USB-C port on your source device.
3. Connect the HDMI end of the WARRKY cable to an available HDMI input port on your display device (e.g., TV, monitor, projector).
4. Select the correct HDMI input source on your display device.



Figure 1: Connecting a USB-C device to an HDMI display using the WARRKY cable.

Video 1: A demonstration of connecting a USB-C device to an HDMI display, showcasing the simple plug-and-play functionality.

OPERATING MODES

The WARRKY USB C to HDMI Cable supports various display modes to enhance your viewing and productivity:

- **Mirror Mode:** Duplicate your source device's screen onto the larger display. Ideal for presentations or sharing content with an audience.
- **Extend Mode:** Expand your desktop across multiple screens, allowing for increased workspace and multitasking.
- **Clamshell Mode (for MacBooks):** Close your MacBook lid while connected to an external display, using the external display as your primary screen.

Easy Workspace Expansion

Plug & play productivity boost



Figure 2: Illustration of Extend Mode, Mirror Mode, and Clamshell Mode for MacBooks.



Figure 3: Visual representation of Extend, Mirror, and Clamshell modes.

This cable is designed for Type C ports with video output capability (DP Alt Mode) and Thunderbolt 3 & 4.

Compatible Devices (Partial List):

- **Smartphones:** iPhone 15 Series, Samsung Galaxy S8/S9/S10/S20/S21/S22/S23, Note 8/9/10/20, LG V40, Steam Deck.
- **Tablets:** iPad Pro (2021 and later), Surface Book 2/3, Surface Laptop 3.
- **Laptops:** Apple MacBook Pro (2016 and later), iMac (2017 and later), MacBook Air (2018 and later), Mac Studio, Mac Pro, Dell XPS 15/13, HP Chromebook x360.

Incompatible Devices/Ports (Partial List):

- Devices without DP Alt Mode (e.g., some older Android phones, Nintendo Switch without a dock, Fire Tablet, GoPro/Camera).
- USB Type-A ports.
- DisplayPort inputs (this is a USB-C to HDMI cable, not DisplayPort).

Please note: This is a one-way cable, designed exclusively for transmission from USB-C host devices to HDMI displays.



Figure 4: Diagram illustrating compatible and incompatible devices and ports for the USB-C to HDMI cable.

Compatibility Check

Compatible Devices

Laptop



MacBook Air (2018 – 2025)
MacBook Pro (2016 – 2024)
Surface Laptop 3 or Later
Dell XPS Series
Lenovo ThinkPad
HP Spectre x360 Series

Tablets



All USB-C iPad
Surface Go Series
Surface Pro 11 or later
Galaxy Tab S9 or later

Phones



iPhone 15/16 Series
Samsung Z Fold 4 / 5 / 6
Samsung Galaxy S8 – S25 Series
Google Pixel 8 / 9 Series

Incompatibility



Poco/Xiaomi
/Oppo



Galaxy Tablet
A Series



Samsung A Series
Galaxy Flip Series



iPhone/iPad
(Lightning Port)



Fire Tablet



GoPro/Camera

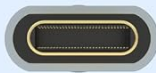


Nintendo Switch



Portable Monitor

One-Way Transmission



USB-C Source



HDMI Monitor

Incompatible Ports



USB Type-A



DisplayPort

Figure 5: Guide to check Type-C port compliance for display output.

Wide Compatibility

Smartphones:



Galaxy S8 or later



Galaxy Note 8
or later



iPhone 15/16 Series

Tablets:



All USB-C
iPad Models



Galaxy Tab S4 or later
(except S5/S6 Lite version)



Surface Pro 7
or later

Laptops:



MacBook Pro/Air



Surface Laptop 3
or later



Dell XPS Series

And More

Not compatible if the Type C does not feature video output function



Fire Tablet



GoPro



Nintendo Switch



kindle



Car



Camera



Samsung A Series



Portable Monitor

Figure 6: Detailed compatibility chart for various devices.

Check Capability of Type-C In 1 Second

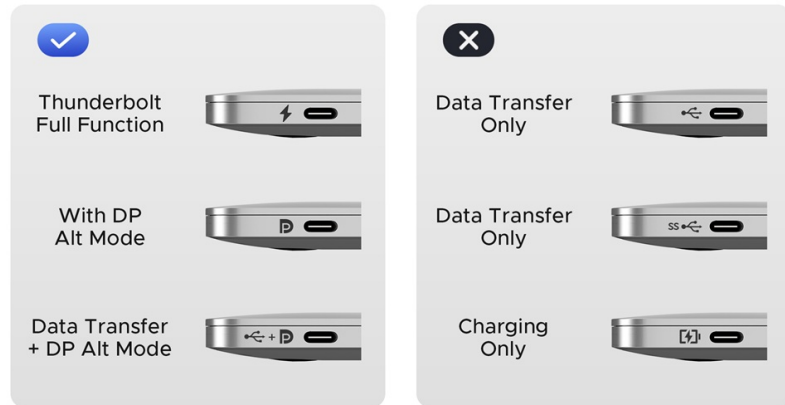


Figure 7: Visual guide on identifying USB-C ports with display output capability.

PRODUCT FEATURES AND DESIGN

The WARRKY USB C to HDMI Cable is built with premium materials and thoughtful design for optimal performance and durability.

- **Gold-Plated Connectors:** Ensures secure, high-speed data transmission and interference-free performance.
- **Uni-body Molding:** Provides an unbreakable connection, enhancing longevity.
- **Aluminum Case:** Efficiently dissipates heat, allowing for extended usage without performance degradation.
- **Thicker Copper Wire:** Minimizes signal loss, delivering maximum conductivity for an impeccable audio-visual experience.
- **Nylon Braided Cable Jacket:** Offers worry-free usage, preventing fraying, heating, or kinking. Tested for over 16,000 bends.
- **Non-Slip Thumb Grip:** Ensures a comfortable and secure plug-in experience.
- **Bonus Velcro Tie:** Adds convenience for cable management and travel.

Super-Smooth 2K@144Hz High Refresh Rate

2K 144Hz

1080P 240Hz



Figure 8: Close-up of the WARRKY USB-C to HDMI cable highlighting its braided design and connectors.

Check Type-C Compliance in <1s

Not Compatible with Desktop and Graphics card

✓ Display Output

Thunderbolt
Full Function



With DP
Alt Mode



Data Transfer
+ DP Alt Mode



✗ Not Display Output

Data Transfer
Only



Data Transfer
Only



Charging Only



Figure 9: Detailed view of the cable's construction, including gold-plated connectors, aluminum shell, and nylon braiding.

Aluminium Alloy Shell



Aluminum Alloy

237W/mK
Thermal Conductivity

ABS

0.25W/mK
Thermal Conductivity



Impact Resistance



Fast Heat Dissipation

Figure 10: Diagram showing the aluminum alloy shell for fast heat dissipation.



Figure 11: Image illustrating the 24K gold-plated plug for stable connection and corrosion resistance.

TROUBLESHOOTING

1. No Signal on Display

- Ensure your USB-C port supports video signal output (DP Alt Mode).
- Make sure your laptop is connected to AC power.
- For some displays that do not automatically detect and switch input sources, please adjust manually to select the correct HDMI input source.
- For displays with multiple HDMI ports, try with another port.
- Make sure all connections are tight, and then reboot your devices to see if there is any difference.
- Try to update firmwares from manufacturer official websites (e.g., motherboard BIOS, UEFI of the laptop).

2. Screen is Flickering

- Lower the resolution and refresh rate.
- Dust accumulation may lead to poor connection. Please wipe the ports with an insulated cotton pad before connecting.

3. No Audio

- Check System Preferences > Sound > Output. Change the audio output from your laptop to TV or other device.
- Update Realtek Audio Driver for Windows 10 (64-bit) or latest Audio Driver from the manufacturer Official Website.

4. Stop Working After a While

- Re-plug and make sure all connections are tight. If there are any problems, get immediate tech support within 18 hours.

5. Does Not Support 4K@60Hz

- Supported resolutions and refresh rates depend on the specifications of the host devices and connected displays. For example, if your desktop supports 4K@60Hz output, while your display can only support up to 2K@60Hz, then the final outcome would only be 2K@60Hz.

Video 2: A video addressing potential lag or display issues and offering solutions.

SPECIFICATIONS

Feature	Detail
Brand	Warrky
Model	WARRKY-AV-CH13B3
Connector Type	Input: USB-C Male (DP Alt Mode), Output: HDMI Male
Cable Type	One-way cable (USB-C host to HDMI display)
Compatible Devices	Smartphones, Tablets, Personal Computers, Monitors, Televisions, Projectors, Laptops (with DP Alt Mode or Thunderbolt 3/4/5)
Special Feature	4K Ultra-High Definition
Resolution Support	4K@60Hz, 1440P/2K@144Hz, 1080P@240Hz
Data Transfer Rate	18 Gigabits Per Second
Connector Gender	Male-to-Male
Outer Material	Nylon Braided
Item Weight	9 Grams
Length	6FT (1.8 meters)
UPC	769638630750

Cinematic 4K@60Hz UHD Clarity

Enjoy fluid visuals and precision audio



Figure 12: The WARRKY USB C to HDMI Cable delivering crisp 4K@60Hz clarity on a large display.

WARRANTY AND CUSTOMER SUPPORT

WARRKY provides a life-time warranty for this product. For any problems or suggestions, please contact WARRKY customer support.

- **Lifetime Warranty:** Upgrade to Lifetime Warranty via www.warrky.com.
- **Professional Support:** Get immediate tech support within 18 hours by contacting support@warrky.com.
- **Suggestions or Critiques:** We care deeply about your feelings and are here to listen: official@warrky.com.

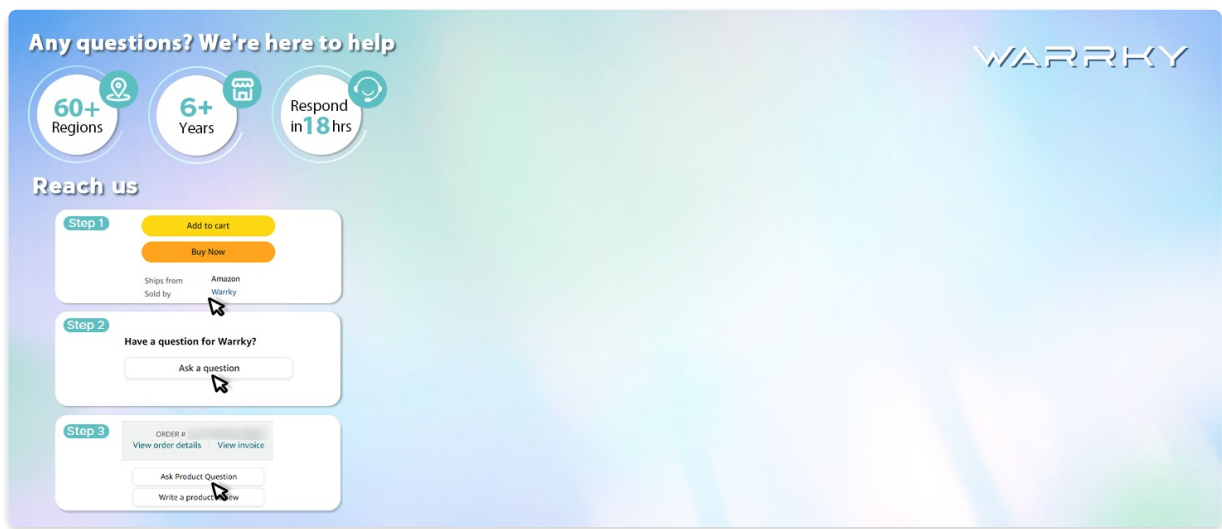


Figure 13: WARRKY's commitment to quality and customer satisfaction.



Figure 14: The WARRKY brand logo.