avedio links USB C to Dual HDMI Adapter

avedio links USB C to Dual HDMI Adapter Instruction Manual

Model: USB C to Dual HDMI Adapter | Brand: avedio links

1. INTRODUCTION

Thank you for choosing the avedio links USB C to Dual HDMI Adapter. This device is designed to expand your display capabilities, allowing you to connect two external monitors to your USB-C enabled laptop, PC, or compatible smartphone. It supports various display modes and resolutions to enhance your productivity and viewing experience.

Please read this manual carefully before use to ensure proper setup and operation.

2. PRODUCT OVERVIEW

Figure 1: avedio links USB C to Dual HDMI Adapter with braided cable.

2.1 Key Features

- **Dual HDMI Output:** Connects two monitors for extended or mirrored display.
- **High Resolution:** Supports up to 4K@60Hz for single HDMI output and 4K@30Hz for dual HDMI output.
- **Power Delivery:** Features a USB-C PD port for charging your host device (up to 100W).
- **USB-A Port:** Includes a USB 2.0 port for connecting peripherals.
- **Plug and Play:** No drivers or software installation required for most systems.
- **Durable Design:** Crafted from aluminum alloy with a 2-foot braided Type-C cable for enhanced durability and portability.

2.2 Package Contents

Figure 2: The package includes the USB C to Dual HDMI Adapter with 2 FT Braided Cable and a User Manual.

- 1x avedio links USB C to Dual HDMI Adapter with 2-foot Braided Cable
- 1x User Manual

3. SETUP GUIDE

3.1 Compatibility Requirements

For optimal functionality, ensure your host device (laptop, PC, smartphone) meets the following criteria:

- **USB-C Port:** Must be compatible with Thunderbolt 3/4, USB 3.0/3.1, or above.

- **DP ALT Mode Support:** The USB-C port must support DisplayPort Alternate Mode (DP ALT Mode) for video output.
- **Incompatible Ports:** This adapter will NOT work with USB-C ports designated solely for data transmission, power delivery only, or data + power delivery without DP ALT Mode.

Figure 3: Important notice regarding USB-C port compatibility and DP ALT Mode.

3.2 Connection Steps

The adapter is designed for plug-and-play operation:

1. Connect the USB-C male connector of the adapter to a compatible USB-C port on your laptop, PC, or smartphone.
2. Connect your HDMI monitors to the HDMI output ports on the adapter using HDMI 2.0 (19+1 pin)

cables (recommended length not exceeding 3m/9.8 feet).

3. If needed, connect your USB-C power adapter to the USB-C PD port on the adapter to charge your host device.

4. Connect any USB peripherals (e.g., mouse, keyboard, USB drive) to the USB-A port on the adapter.

Figure 4: Simple plug-and-play connectivity for multiple displays.

4. OPERATING MODES

The adapter supports different display modes depending on your operating system:

Figure 5: Visual representation of Extended Mode 1 (ABC), Extended Mode 2 (ABB), and Mirror Mode (AAA).

4.1 Windows Systems

- **Extended Mode (MST):** Supports both ABB mode (laptop display A, external monitors B and B showing the same extended content) and ABC mode (laptop display A, external monitor B, and external monitor C showing different extended content).
- **Mirrored Mode (SST):** All displays (laptop and external monitors) show the same content.

4.2 Mac OS Systems

- **Extended Mode (ABB):** Supports ABB mode (laptop display A, both external HDMI outputs display the same extended picture). Does NOT support MST ABC mode (extending to 2 different screens on 2 external monitors).

- **Mirrored Mode (SST):** All displays (laptop and external monitors) show the same content.
- **Note for Mac M1/M2/M3 Chips:** If connecting to a Mac with M1, M2, or M3 chips, it only supports a single HDMI output and cannot support output to 2 HDMI monitors simultaneously.

4.3 Android and Other OS Systems

- Only screen mirroring (SST) is supported.

5. RESOLUTION SUPPORT

- **Single HDMI Output:** Maximum resolution up to 4K@60Hz.
- **Dual HDMI Output:** Maximum resolution for both monitors is 4K@30Hz simultaneously.
- **Recommendation:** For stable signal transmission, use HDMI 2.0 (19+1 pin) cables with a length not exceeding 3m/9.8 feet.

Figure 6: The adapter supports up to 4K@60Hz when only one HDMI output is connected.

Figure 7: When two HDMI outputs are connected simultaneously, the maximum resolution for both monitors is 4K@30Hz.

6. TROUBLESHOOTING

- **Only 1 monitor display, second monitor blurry:**
  Firstly, ensure you are using an HDMI 2.0 cable, and its length does not exceed 3m. Then, set the input source resolution to 1080P@60Hz to check if it displays correctly.

- **Product not working on laptop USB-C port:**
  Please make sure that your USB-C port supports DP ALT mode or video output. If not, this product will not work on that device.

- **How to set extended mode on Windows system:**
  Select 'Settings' on laptop -> 'System' (Display, Sound, Notifications, Power) -> 'Display' -> 'Multiple displays' -> 'Extend these displays'. If the display is not detected, manually select 'Detect' and then

'Apply'.

- **How to switch from 'mirror display' to 'extended ABB mode' on Mac OS system:**
Select 'Settings' -> 'Display' -> Click the 'Mirror display' box to switch to extended mode. Drag the window of document/video/website to the rightmost side of the desktop screen until it disappears on the external monitor screen.
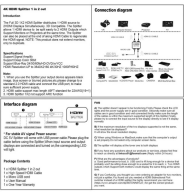
7. SPECIFICATIONS

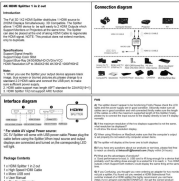| Feature	Detail
Product Dimensions	0.67 x 3.7 x 6.06 inches
Item Weight	3.17 ounces
Model Number	USB C to Dual HDMI Adapter
Compatible Devices	Desktop, Laptops, Smartphones (iPhone 15 series, compatible Android)
Connector Type	HDMI, USB Type C
Brand	avedio links
Finish Type	Hdmi

8. WARRANTY AND SUPPORT

avedio links products are designed for reliability and performance. For any questions, technical support, or warranty claims, please refer to the contact information provided in your product packaging or visit the official avedio links website.

Related Documents - USB C to Dual HDMI Adapter

	[4K HDMI Splitter 1 in 2 Out: Duplicate Displays with High Resolution](#) Learn about the 4K HDMI Splitter 1 in 2 Out, its specifications, connection diagram, interface, and FAQs. Easily duplicate your HDMI source to two displays simultaneously with support for 4K resolution.
	[User Manual: avedio links USB-C to 3 HDMI Adapter for Multiple Monitors](#) Comprehensive user manual for the avedio links USB-C to 3 HDMI Adapter, detailing its features, installation, and usage for expanding multiple monitors on Windows and macOS systems with up to 4K@60Hz resolution.
	[HDMI 2.0 Matrix 4x4 User Manual - 4K@60Hz, HDR10, Dolby Vision](#) User manual for the avedio links HDMI 2.0 Matrix 4x4, detailing setup, specifications, features, and troubleshooting for 4K@60Hz, HDR10, and Dolby Vision content distribution.

	[Avedio Links HDMI Splitter 4K@60Hz User Manual](#) User manual for the Avedio Links HDMI Splitter 4K@60Hz, detailing features, specifications, connection diagrams, and troubleshooting for mirroring screens.
	[Avedio Links 4K HDMI 2.0b Matrix 4x2 User Manual](#) User manual for the Avedio Links 4K@60Hz HDMI 2.0b Matrix 4x2 switcher. This device allows connection of up to four HD signal sources to two HDMI displays, supporting advanced audio formats like Dolby Atmos and Dolby Vision, and high resolutions up to 4K@60Hz.
	[4K HDMI Splitter 1 in 2 Out: Duplicate Displays with High Resolution](#) Learn about the 4K HDMI Splitter 1 in 2 Out, its specifications, connection diagram, interface, and FAQs. Easily duplicate your HDMI source to two displays simultaneously with support for 4K resolution.