

MINIX C1

MINIX C1 USB-C HDMI Wireless Extender

Model: C1 | Brand: MINIX

1. INTRODUCTION

The MINIX C1 is a versatile USB-C to HDMI wireless extender designed for seamless screen mirroring and extension. It offers a plug-and-play experience without the need for drivers, apps, or Wi-Fi logins, providing a direct and reliable connection for various devices including laptops, PCs, smartphones, and game consoles. This manual provides detailed instructions for setting up, operating, and maintaining your MINIX C1 extender.

2. PACKAGE CONTENTS

- MINIX C1 Transmitter (USB-C)
- MINIX C1 Receiver (HDMI with USB-A power)



Image: The MINIX C1 package includes the USB-C transmitter and the HDMI receiver with an integrated USB-A power cable.

3. PRODUCT OVERVIEW

3.1 Transmitter (TX)

The Transmitter (TX) features a USB-C connector and is designed to connect to your source device (e.g., laptop, smartphone). It wirelessly sends the video and audio signal to the Receiver.

3.2 Receiver (RX)

The Receiver (RX) features an HDMI output for connecting to a display (e.g., TV, monitor, projector) and a USB-A cable for power. It receives the wireless signal from the Transmitter and outputs it to the connected display. A 'Pair/Reset' button is located on the side of the receiver.



Instant Swap and Share

Image: Detailed view of the MINIX C1 Transmitter and Receiver, highlighting their respective ports (USB-C, HDMI, USB for power) and dimensions.

4. SETUP INSTRUCTIONS

The MINIX C1 is designed for a quick and easy plug-and-play setup.

4.1 Connecting the Receiver (RX)

1. Connect the HDMI end of the Receiver (RX) to an available HDMI input port on your TV, monitor, or projector.
2. Connect the USB-A power cable from the Receiver (RX) to a USB-A power source (e.g., TV's USB port, USB wall adapter, power bank) with a minimum output of 5V/0.5A. The receiver requires external power to function.

4.2 Connecting the Transmitter (TX)

1. Connect the USB-C end of the Transmitter (TX) to the USB-C port of your source device (e.g., laptop, PC, smartphone, game console).

4.3 Pairing (If Necessary)

The MINIX C1 units are typically pre-paired from the factory. If the devices do not connect automatically after 12 seconds, you may need to re-pair them:

1. Ensure both the Transmitter and Receiver are powered on and connected to their respective devices.
2. Press and hold the 'Pair/Reset' button on the side of the Receiver (RX) until the indicator light changes.
3. Within a few seconds, the Transmitter (TX) and Receiver (RX) should establish a connection, and your screen will be mirrored or extended.



Image: The MINIX C1 in action, showing the transmitter plugged into a laptop and the receiver connected to a desktop monitor, wirelessly extending the display.



Image: Visual representation of the MINIX C1's ease of use, emphasizing its plug-and-play functionality without requiring logins or additional applications.

5. OPERATING INSTRUCTIONS

5.1 Screen Mirroring

By default, the MINIX C1 will mirror your source device's screen to the connected display. This means whatever is shown on your laptop, PC, or smartphone screen will be duplicated on the larger display.

5.2 Screen Extension

For Windows and macOS users, you can configure your display settings to extend your screen. This allows you to have different content on your source device and the external display, increasing your workspace.

- **Windows:** Right-click on your desktop, select 'Display settings', and choose 'Extend these displays' from the 'Multiple displays' dropdown.
- **macOS:** Go to 'System Settings' (or 'System Preferences'), then 'Displays', and uncheck 'Mirror displays' to enable extended desktop mode.



Image: A visual guide demonstrating the ability to either mirror the laptop screen onto an external monitor or extend the desktop across multiple displays.

5.3 Instant Swap and Share

The MINIX C1 allows for quick switching between multiple transmitters (sold separately) connected to different source devices. Simply plug in another transmitter to a different device, and the receiver will automatically switch to the active signal, making it ideal for collaborative environments.



Image: A hand inserting the MINIX C1 transmitter into a laptop, illustrating the ease of instant swapping and sharing content on a larger screen.

6. KEY FEATURES

- **Seamless Setup:** No drivers or apps required. Plug-and-play functionality ensures a direct, reliable connection in approximately 12 seconds.
- **iPhone 15 Compatibility:** Seamlessly connects with the new USB-C port on iPhone 15 models, offering cross-platform compatibility beyond Apple iOS AirPlay limitations.
- **Full HD 1080P@60Hz:** Experience stunning video quality with ultra-high-definition resolution at

60Hz, ensuring sharp and vibrant visuals.

- **Low Latency Transmission:** Enjoy swift and low-latency (<0.25 second) transmission with a 5GHz connection, ideal for high-bandwidth activities like gaming and video streaming.
- **Extended Wireless Range:** Utilizes a 2.4/5GHz transmission protocol for robust and reliable signals. The wireless transmission distance can reach up to 50m (164ft) in an open environment, with optimal performance within 25m. Effective distance through walls is within 10m (32ft).



Image: The MINIX C1 demonstrating compatibility with iPhone 15, allowing users to mirror content from their phone to a larger display.

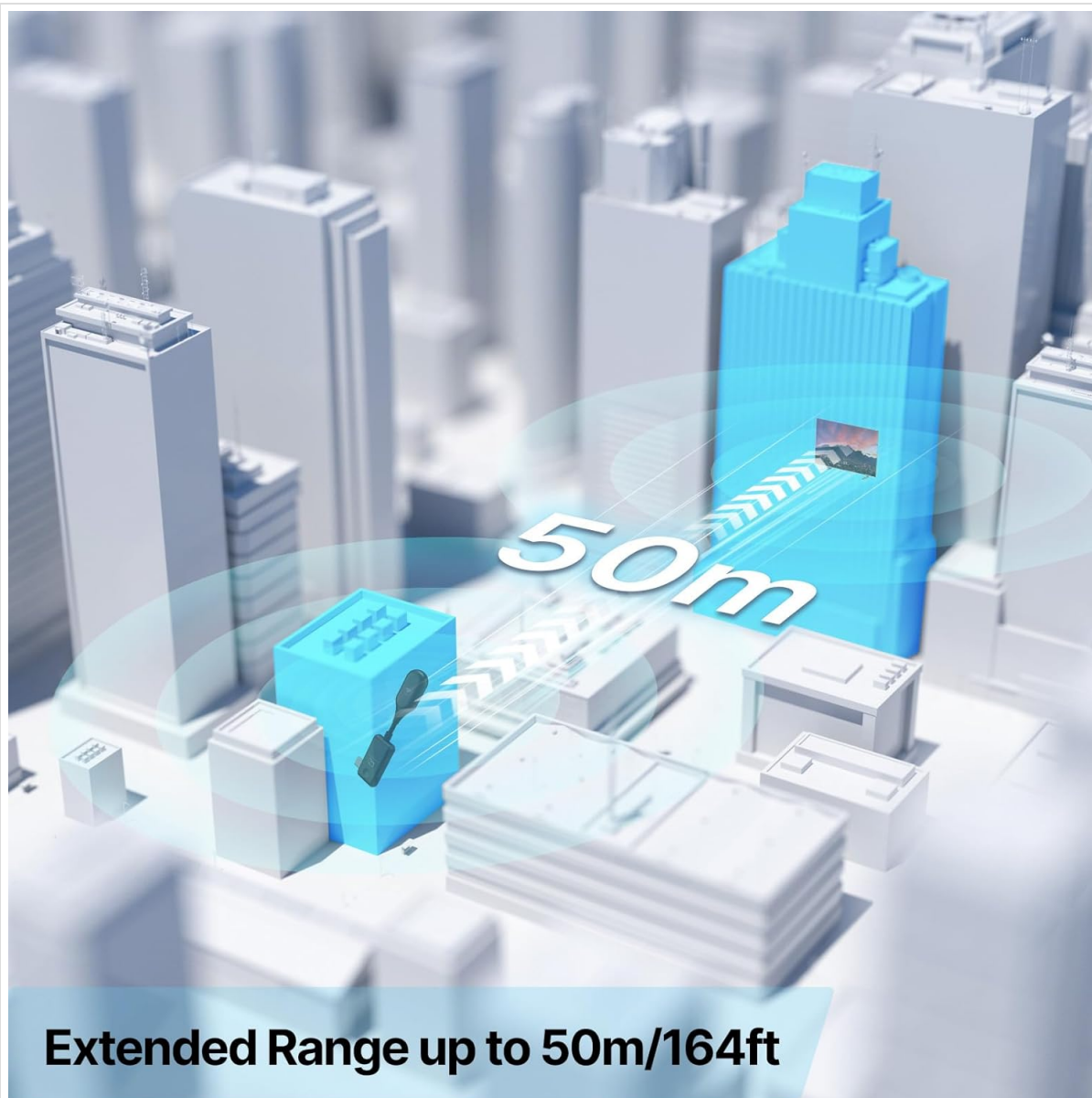


Image: A graphic illustrating the MINIX C1's extended wireless transmission range of up to 50 meters (164 feet) in an open environment.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.2 x 0.55 x 1.39 inches
Item Weight	0.96 ounces
Model Number	C1
Compatible Devices	Laptops, PCs, Smartphones, Game Consoles, iPhones (including iPhone 15)
Specific Uses	Laptop, Cell Phone
Connector Type	HDMI, USB Type C
Color	Black
Manufacturer	MINIX Technology Limited

Video Resolution	1080P@60Hz
Wireless Protocol	2.4/5GHz
Wireless Range	Up to 50m (164ft) in open environment; within 10m (32ft) through walls
Receiver Power Input	5V/0.5A (via USB-A)

8. TROUBLESHOOTING

If you encounter issues with your MINIX C1, please refer to the following common solutions:

Problem	Possible Cause / Solution
No signal on display	<ul style="list-style-type: none">• Ensure the Receiver (RX) is properly powered (5V/0.5A minimum).• Verify HDMI connection between RX and display.• Confirm USB-C connection between Transmitter (TX) and source device.• Try re-pairing the units by pressing the 'Pair/Reset' button on the RX.• Check if the display input is set to the correct HDMI port.• Ensure your source device's USB-C port supports video output (DisplayPort Alternate Mode).
Intermittent signal / Poor quality	<ul style="list-style-type: none">• Reduce the distance between the Transmitter and Receiver.• Minimize obstacles (walls, large furniture) between the units.• Avoid strong electromagnetic interference from other wireless devices.• Ensure the Receiver is receiving adequate power.
No audio	<ul style="list-style-type: none">• Check audio settings on your source device and ensure output is directed to the HDMI.• Verify the display's volume is not muted or too low.• Ensure the HDMI cable is fully seated.
Device gets warm	The operating surface temperature can reach approximately 60°C (140°F). This is normal. Ensure proper heat dissipation and do not cover the device during operation.

9. MAINTENANCE

To ensure the longevity and optimal performance of your MINIX C1:

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Ensure proper ventilation during operation, especially for the receiver, as its surface temperature can reach up to 60°C (140°F).

10. WARRANTY AND SUPPORT

For warranty information and technical support, please visit the official MINIX websites:

- Official Website: www.minix.com.hk
- MINIX Forum: www.theminixforum.com
- Facebook: www.facebook.com/minixtech



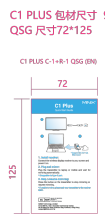

Please retain your proof of purchase for warranty claims.



11. SAFETY INFORMATION

- Do not expose the device to water or moisture.
- Avoid dropping or subjecting the device to severe impact.
- Use only the specified power requirements for the receiver (5V/0.5A USB-A).
- Keep the device away from heat sources and open flames.
- Do not block ventilation openings.
- Dispose of electronic waste responsibly according to local regulations.

© 2023 MINIX Technology Limited. All rights reserved.

Related Documents - C1

	<p>MINIX Wireless USB-C to HDMI Dongle (1080P) Quick Start Guide</p> <p>Step-by-step instructions for setting up the MINIX Wireless USB-C to HDMI Dongle (1080P), including connection details for C1 and H1 transmitters and FCC compliance information.</p>
	<p>Minix Media Hub Safety Instructions and Technical Data</p> <p>Safety instructions, intended use, operating environment, cleaning, disposal, and detailed technical specifications for the Minix Media Hub (Model 3335291).</p>
	<p>MINIX C1 PLUS Quick Start Guide: Wireless Display Setup</p> <p>Concise guide to setting up and using the MINIX C1 PLUS wireless display transmitter and receiver for screen mirroring. Includes FCC compliance information.</p>
	<p>MINIX U8K-ULTRA 8K UHD AI Media Hub User Guide</p> <p>Comprehensive user guide for the MINIX U8K-ULTRA, an 8K UHD AI Media Hub powered by Android. Learn about specifications, setup, and controls.</p>

	<p>MINIX X35-i Plus Setup Guide: Specifications, Basic Setup, and Features</p> <p>Comprehensive setup guide for the MINIX X35-i Plus Android Mini PC. Learn about its specifications, basic setup, control methods, and Google Play Store integration.</p>
	<p>MINIX NEO G4 Dual Core Pocket PC Setup Guide</p> <p>Setup guide for the MINIX NEO G4 Dual Core Pocket PC running Android. Learn how to connect, perform basic setup, use Google Play Store, and control your device.</p>