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› eppfun CS500 Wireless HDMI Transmitter & Receiver 1080P Instruction Manual

eppfun CS500

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Model: CS500

1. INTRODUCTION

The eppfun CS500 Wireless HDMI Transmitter and Receiver system provides a convenient solution for extending HDMI signals wirelessly. This kit allows you to transmit 1080P video and audio from a source device to a display device without the need for long HDMI cables. It is designed for stable and efficient transmission, ideal for presentations, home entertainment, and various screen sharing applications.



Image: The eppfun CS500 Wireless HDMI Transmitter and Receiver units.

2. PACKAGE CONTENTS

Please check the package for the following items:

- Transmitter (TX) x 1
- Receiver (RX) x 1
- User Manual x 1
- Micro USB Power Cables (quantity may vary, typically two are included for TX and RX)

さまざまな機種に対応

HDMI機器で幅広い互換性。PC、ブルーレイなどの映像をTV、プロジェクターに簡単出力できます。



HDMI送信機



Laptop



Camera



Set-top Box

HDMI受信機



Projector



TV Set



Monitor



Image: Diagram illustrating the transmitter and receiver units and their connections.

3. KEY FEATURES

- **High-Quality Wireless HDMI Transmission:** Utilizes advanced transmission technology for faster and more stable signal delivery. Features a low latency of approximately 129ms.
- **Extended Range:** Supports wireless HDMI transmission up to 30 meters (approximately 98 feet) between the

source and display, depending on the environment.

- **1080P HD Resolution:** Supports video resolutions up to 1920x1080 at 60Hz. Maintains video quality through automatic encoding, transmission, and decoding, supporting full RGB color gamut without compression or artifacts. *Note: Not compatible with 4K resolution.*
- **Plug and Play:** Simple setup with automatic pairing. No drivers or complex configurations required. The system is designed for 1-to-1 matching and does not support pairing with multiple transmitters or receivers.
- **Wide Compatibility:** Compatible with most HDMI output devices including laptops, PCs, Blu-ray players, cameras, DVDs, DVRs, IPTV boxes, set-top boxes, and cable/satellite boxes. Supports screen sharing from Windows, MacOS, and Android devices.
- **Versatile Applications:** Ideal for educational settings, home theater systems, and streaming content.



Image: Visual representation of 1080p HD resolution in conference and home theater scenarios.

1080p HD 高解像度

Windows、MacOS、Android の画面共有をサポートし、教育、ホームシアター、ストリーミングに最適です。

会議用



ホームシアター

Image: Illustration of wireless HDMI signal transmission, highlighting the convenience of operating devices away from the display.

4. SETUP INSTRUCTIONS

Follow these steps to set up your eppfun CS500 Wireless HDMI system:

1. **Connect the Transmitter (TX):** Plug the Transmitter (TX) unit into the HDMI output port of your source device (e.g., PC, laptop, Blu-ray player).

2. **Connect the Receiver (RX):** Plug the Receiver (RX) unit into an available HDMI input port on your display device (e.g., HDTV, projector, monitor).
3. **Provide Power:** Connect a Micro USB power cable to both the Transmitter (TX) and Receiver (RX) units. Plug the other end of the Micro USB cables into a USB power source, such as a USB port on your display, a laptop, or a standard USB power adapter (5V/1A recommended).
4. **Power On Devices:** Ensure both your source device and display device are powered on.
5. **Automatic Pairing:** The Transmitter and Receiver will automatically pair. This process may take a few seconds. Once paired, the content from your source device will appear on your display.

Note: This product supports a 1-to-1 connection only. It cannot be paired with multiple transmitters or receivers simultaneously.



Image: Step-by-step visual guide for the plug-and-play setup.

5. OPERATING INSTRUCTIONS

Once the setup is complete and the devices are paired, operation is straightforward:

- Ensure both the Transmitter (TX) and Receiver (RX) are powered and connected to their respective devices.
- The system will automatically mirror or extend your source device's display to the connected monitor or projector.
- Adjust the display settings on your source device (e.g., laptop) if you wish to change between mirror mode or

extended display mode.



APPやBluetoothは不要



- ①幅広い互換性
- ②伝送距離30m
- ③1080p HD高解像度
- ④プラグアンドプレイ

Image: The eppfun CS500 in action, demonstrating its use in a conference setting and a home theater setup.

6. MAINTENANCE

To ensure the longevity and optimal performance of your eppfun CS500, please follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the devices. Avoid using liquid cleaners or aerosols.
- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units and cables with care to prevent damage. Avoid bending or twisting the HDMI connectors excessively.
- **Power Management:** Disconnect the Micro USB power cables from both the TX and RX units when not in use

for extended periods to prevent unnecessary power consumption and potential overheating.

7. TROUBLESHOOTING

If you encounter issues with your eppfun CS500, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No signal or display on screen.	Loose connections, no power, incorrect display input.	• Ensure both TX and RX units are securely plugged into their respective HDMI ports. • Verify that both TX and RX units are receiving power via their Micro USB connections. • Check that your display device is set to the correct HDMI input source. • Try restarting both the source device and the display device.
Intermittent signal or poor video quality.	Obstructions, excessive distance, interference.	• Reduce the distance between the TX and RX units. • Remove any physical obstructions (walls, furniture) between the units. • Minimize interference from other electronic devices (e.g., Wi-Fi routers, microwaves). • Ensure the units are not placed near large metal objects.
Units are not pairing automatically.	Power issue, incorrect connection, unit malfunction.	• Confirm both TX and RX units are powered on. • Ensure it is a 1-to-1 connection (one TX to one RX). • Try unplugging and re-plugging both units to force a re-pairing attempt.
Noticeable lag or delay in video/audio.	Inherent to wireless transmission, environmental factors.	• Wireless transmission inherently has some latency (approx. 129ms for this device). • For applications requiring zero latency, such as competitive gaming, a direct HDMI cable connection is recommended. • Ensure optimal transmission conditions (clear line of sight, minimal interference).
Device feels warm during operation.	Normal operation, continuous power.	• It is normal for the device to generate some heat during operation. • If the device feels excessively hot, ensure it has adequate ventilation. • Disconnect power when the device is not in use to prevent continuous operation and heat buildup.

8. SPECIFICATIONS

Feature	Detail
Model Number	CS500 (Manufacturer Model: AKX)
Brand	eppfun
Compatible Devices	TV, Laptop, Projector, Monitor
Connector Type	HDMI, Micro USB
Color	Black
Item Weight	20 grams
Max Resolution	1920x1080 @ 60Hz (1080P)
4K Support	No (Not compatible with 4K)
Transmission Distance	Up to 30 meters (approx. 98 feet)
Latency	Approx. 129ms
Power Source	Micro USB (5V/1A recommended)
UPC	710421186480

9. WARRANTY AND SUPPORT

The eppfun CS500 Wireless HDMI Transmitter & Receiver comes with a**1-year manufacturer quality warranty**.

We prioritize your shopping experience. If you have any questions or encounter any issues with your product, please do not hesitate to contact our customer support. We are committed to resolving your concerns as quickly as possible.

For support, please refer to the contact information provided on the product packaging or the official eppfun website.



Image: eppfun brand logo.

