

EDUP EDUP

EDUP Wireless HDMI Transmitter and Receiver User Manual

Brand: EDUP | Model: EDUP

1. INTRODUCTION

The EDUP Wireless HDMI Transmitter and Receiver kit provides a seamless solution for extending HDMI signals wirelessly up to 165 feet (50 meters). This plug-and-play system eliminates the need for messy cables, offering high-definition 1080P video and audio transmission with minimal latency. It is ideal for various applications including home theater, business presentations, educational settings, and live streaming.



Image: The EDUP Wireless HDMI Transmitter (TX) and Receiver (RX) units, along with a mini HDMI adapter.

2. PRODUCT CONTENTS

Verify that all items are included in your package:

- 1 x HDMI Transmitter (TX) Unit
- 1 x HDMI Receiver (RX) Unit
- 2 x USB Power Cables
- 1 x Mini HDMI Adapter
- 1 x User Manual

Packaging box contents



Image: A visual representation of the EDUP Wireless HDMI Transmitter and Receiver kit contents, including the TX and RX units, two USB cables, a mini HDMI adapter, and the user manual.

3. FEATURES

3.1. Plug and Play Operation

The EDUP Wireless HDMI kit is designed for immediate use without requiring any driver installation or complex setup. Simply connect the units, and they will automatically pair and begin transmitting.

Plug and Play

Simply plug in and you are all ready. Enjoy immediate connection without any other setup or app installation.



Plug-N-Play



No driver needed



Image: The EDUP Wireless HDMI system in use during a meeting, demonstrating its plug-and-play functionality for screen sharing.

3.2. Multi-Compatibility

This system supports a wide range of devices, making it versatile for various setups. The Transmitter (TX) can connect to tablets, smartphones (with an extra adapter, not included), set-top boxes, PC computers, laptops, DV cameras, and professional cameras. The Receiver (RX) connects to monitors, projectors, and HDTVs.

Multip-Compatibility



Android



Windows



iOS



Mac OS

Transmitter(TX)

Note: An extra interface adapter is needed when paired with a smartphone (not included in the package)



Tablet



Smartphone



Set-top box



PC computer



Laptop



DV



Camera

Receiver(RX)



Monitor



Projector



HD TV

Image: A compatibility chart illustrating the diverse range of input and output devices supported by the EDUP Wireless HDMI system.

3.3. Dual Mode Display (Mirror & Extend)

The system supports both mirror mode, which duplicates your screen, and extend mode, which allows for an extended desktop display. Extend mode requires your computer to support this function.

Dual mode Meetings are more flexible

Mirror mode displays the same picture,
Different content can be displayed in the extend mode,
and the operation is more flexible

*Requires computer to support extend mode



Image: Illustration of the dual display modes: Mirror mode, where the external screen duplicates the source, and Extend mode, where it acts as an additional display.

3.4. Ultra-Low Latency

Experience near real-time transmission with only 0.1 seconds of delay, making it suitable for dynamic content like gaming and fast-paced video.

ONLY 0.1S DELAY



Image: A user playing a video game, illustrating the minimal 0.1-second delay of the wireless HDMI system.

3.5. Long Range Transmission

The system supports wireless transmission up to 165 feet (50 meters), providing flexibility for various room configurations and large venues.



Image: A visual representation of the 165-foot long-range transmission capability, suitable for large meeting or speech environments.

3.6. Advanced 5G Chip

Equipped with an advanced 5G chip, the system ensures stable and efficient wireless transmission.



Image: An X-ray view of the EDUP unit, showcasing its internal 5G chip for enhanced performance.

3.7. Mini HDMI Adapter Included

A mini HDMI adapter is included to ensure compatibility with a wider range of devices, such as certain cameras.



Image: The EDUP Wireless HDMI Transmitter connected to a camera using the provided mini HDMI adapter.

4. SETUP GUIDE

Follow these steps to set up your EDUP Wireless HDMI Transmitter and Receiver kit:

1. **Connect Transmitter (TX) to Power:** Connect one USB power cable to the TX unit and plug the other end into a USB power source (e.g., a USB wall adapter or a device's USB port).
2. **Connect Receiver (RX) to Power:** Connect the second USB power cable to the RX unit and plug the other end into a USB power source.
3. **Connect TX to Output Device:** Plug the HDMI connector of the TX unit into the HDMI output port of your source device (e.g., laptop, camera, gaming console).
4. **Connect RX to Display Device:** Plug the HDMI connector of the RX unit into the HDMI input port of your display device (e.g., monitor, projector, HDTV).

5. **Wait for Connection:** The TX and RX units will automatically search for each other and establish a connection. This typically takes 10-15 seconds. Once connected, your source device's display will appear on the connected monitor/projector.



Image: A visual guide detailing the four simple steps to connect and power the EDUP Wireless HDMI Transmitter and Receiver.

Setup Video Guide

Your browser does not support the video tag.

Video: An official EDUP video demonstrating the plug-and-play setup process for the Wireless HDMI Transmitter and Receiver. It shows connecting the TX to a laptop and the RX to a TV, and the automatic pairing process.

5. OPERATING INSTRUCTIONS

5.1. Mirror Mode

In mirror mode, the content displayed on your source device (e.g., laptop) is duplicated onto the connected display (e.g., TV or projector). This is the default mode and is ideal for presentations or sharing content directly.

5.2. Extend Mode

If your source device supports it, you can use extend mode to expand your desktop across both your source device's screen and the connected display. This allows for multitasking, with different content shown on each screen.

5.3. Multi-Transmitter Pairing

One Receiver (RX) unit can be paired with up to eight Transmitter (TX) units. This feature is particularly useful in environments where multiple users need to share content on a single display, such as in conference rooms or classrooms. To switch between paired transmitters, simply press the button on the active TX unit to cycle through the connected sources.

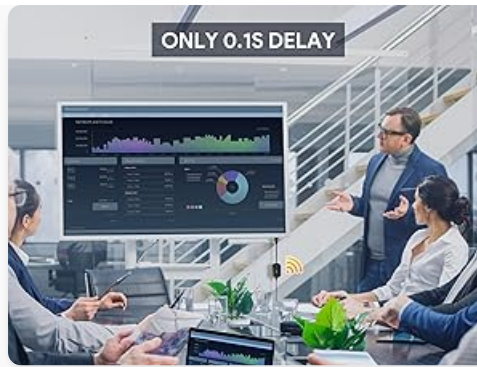


Image: A conference room scenario demonstrating how one receiver can connect to multiple transmitters, enabling seamless content sharing from various sources.

6. APPLICATIONS

The EDUP Wireless HDMI Transmitter and Receiver is versatile and can be used in various scenarios:

- **Home Theater:** Stream movies, TV shows, and games from your media devices to your TV or projector without long HDMI cables.
- **Conferences & Meetings:** Facilitate dynamic presentations and collaborative sessions by allowing multiple participants to share their screens effortlessly.
- **Live Streaming:** Transmit high-quality video from cameras or other sources to a capture device or display for live broadcasts.
- **Teaching & Education:** Project educational content from laptops or tablets to classroom displays or projectors, enhancing interactive learning.



Image: A collage showcasing diverse applications of the EDUP Wireless HDMI system, including home entertainment, business meetings, live streaming, and educational use.

7. TROUBLESHOOTING

If you encounter issues with your EDUP Wireless HDMI kit, refer to the following common solutions:

- **No Signal/Black Screen:**

- Ensure both TX and RX units are properly powered via their USB cables.
- Verify that the HDMI cables are securely connected to both the source and display devices.
- Try unplugging and re-plugging both units to force a re-pairing.
- Check if the display device is set to the correct HDMI input source.
- Ensure the source device's resolution is supported by the display and the EDUP system (up to 1080p).

- **Flickering or Intermittent Signal:**

- Reduce the distance between the TX and RX units.
- Remove any obstructions (walls, large furniture) between the units that might interfere with the wireless signal.
- Minimize interference from other wireless devices (e.g., Wi-Fi routers, cordless phones) operating on the 5GHz band.
- Ensure both units have stable power supply.

- **Audio Issues (No Sound or Distorted Audio):**

- Check the audio settings on your source device and display.
- Ensure the volume on both devices is turned up.
- Verify that the HDMI connection is secure.

- **Latency/Lag:**

- While the system has low latency, extreme distances or heavy interference can increase it. Try reducing distance and clearing obstructions.

8. SPECIFICATIONS

Feature	Specification
Brand	EDUP
Model Number	EDUP
Connectivity Technology	HDMI, Wireless
Supported Resolution	1080p, 720p
Video Output Resolution	1080p
Wireless Transmission Range	Up to 165 feet (50 meters)
Latency	0.1 seconds (approx.)
Item Weight	8.8 ounces

Feature	Specification
Product Dimensions	7.76 x 1.77 x 0.75 inches
Color	Black
Form Factor	Set of separate devices (Transmitter & Receiver)

9. MAINTENANCE

To ensure the longevity and optimal performance of your EDUP Wireless HDMI kit, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the units. Avoid using liquid cleaners or aerosols, as they may damage the components.
- **Storage:** When not in use for extended periods, store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Handle the units and cables with care. Avoid bending or twisting the HDMI connectors excessively.
- **Power:** Always use the provided USB power cables to ensure proper voltage and current.

10. WARRANTY AND SUPPORT

EDUP products come with a standard manufacturer's warranty. For detailed warranty information, product support, or technical assistance, please refer to the contact information provided on the product packaging or visit the official EDUP website. Keep your purchase receipt as proof of purchase for warranty claims.