Wireless Display Adapter

UserManual



150m
HD transmission

Audio and Video

Plug and play

5.8GHz Band

Product Overview

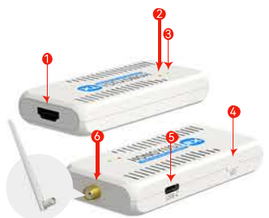
The EWD612 Series Wireless Display Adapter is a product that transmits audio and video via wireless signals. Operating on the 5.8G high-speed frequency band, this device features stable transmission, low latency, strong anti-interference capability, and a long transmission distance. It can be widely used in scenarios such as home audio-visual entertainment, corporate meetings, commercial exhibitions, and teaching and training

Product Specifications

1080P Version	
Maximum Resolution	1080P 60fps
Wireless Frequency	5.8GHz
Transmission Range	150 meters
Power Supply	DC 5V 1A
Product Dimensions	95*46*16mm

4K Version	
Maximum Resolution	4K 30fps
Wireless Frequency	5.8GHz
Transmission Range	150 meters
Power Supply	DC 5V 1A
Product Dimensions	95*46*16mm

Interface Schematic Diagram



NO.	Description
1	HDMI Input
2	Power Indicator
3	Operating Status Indicator
4	USB-C Power Input
5	Settings Button (Pair or Choice)
6	Antenna

Connection Diagram



Please pair the device first before use

Usage Steps

① Connect the transmitter and receiver using an HDMI extension cable. Press and hold the SET button on the transmitter, then turn on the power. Wait for more than ten seconds until the green light flashes, then release the button. Perform the same operation on the receiver.

② Wait until the receiver's green light remains steady, indicating successful pairing. The transmitter's light should still be flashing. If the receiver's light remains flashing, pairing failed. Disconnect both devices from power and repeat the pairing process.

③ By default, the device functions normally upon powering on, enabling wireless HDMI video trans mission.(Note: This product supports a maximum of "one transmit, four receive" or "four transmit, one receive" configurations. These configurations cannot be used simultaneously)

Pairing Process

One-to-One Pairing Method (One Transmitter and One Receiver)

① Press and hold the SET button on the transmitter, then turn on the power. Wait until the green light flashes before releasing the button. Perform the same operation on the receiver.

② Connect the transmitter and receiver using an HDMI extension cable. Wait until the receiver's green light remains steady, indicating successful pairing. The transmitter's light should still be flashing. If the receiver's light remains flashing, pairing failed. Disconnect both devices from power and repeat the pairing process.

③ After pairing, power off both units. Disconnect the HDMI extension cable, wait several seconds, then power them back on. If both transmitter and receiver green lights are flashing, pairing is successful.

One-to-Many Pairing Method (One Transmitter and Multiple Receivers)

① Following the one-to-one pairing method above, first pair one transmitter with the first receiver. Then pair this transmitter with the second receiver. Using the same method, pair this transmitter one-to-one with the third receiver and fourth receiver. Once all receivers have successfully paired one-to-one with the same transmitter, pairing is complete and the system can be powered on for use. (Note: One-to-many pairing supports a maximum of one transmitter paired with four receivers.)

Multi-to-One Transmitter Pairing Method (Multiple Transmitters and One Receiver)

① Connect the receiver and transmitter using an HDMI extension cable. Press and hold the SET button on the receiver, then turn on the power. Wait for more than ten seconds until the green light flashes, then release the button. Perform the same operation on the transmitter.

② Wait until the transmitter's green light remains steady, indicating successful pairing. The receiver's light should still be flashing. If the transmitter's light remains flashing, pairing failed. Disconnect both devices from power and repeat the pairing process.

③ After pairing, power off both units, disconnect the HDMI extension cable, wait several seconds, then power them back on. Flashing green lights on both units confirm successful pairing.

④ Follow the one-to-one pairing method: first pair the first transmitter with the receiver. After successful pairing, pair the second transmitter with the same receiver one-to-one. Continue pairing the third and fourth transmitters one-to-one with the same receiver. Once each transmitter has been successfully paired one-to-one with the same receiver, pairing is complete. Power on the devices to begin operation.
(Note: When using multiple-to-one mode, press the SET button on the TX device you want to screen mirror to select the current device as the signal source.)

FAQ

① After the product is successfully paired for the first time, no re-pairing is needed for subsequent use, and it supports plug-and-play.

② If it fails to function properly, insufficient USB power from the device may be the cause. Switch to powering via a phone charger. If it still fails to function properly, proceed with re-pairing.

③ If the monitor displays nothing, verify that the monitor is set to the correct HDMI channel.

④ If the display shows prompts but no video output, use a wired connection to verify signal output.

⑤ In a one-to-many setup, if there is no video output, please try pressing the SET button on the current transmitter to select the current transmission source.

Cleaning and care

① Never use aggressive detergents, rubbing alcohol or other chemical solutions, as these could damage the housing or even impair the functioning of the product.

② Do not submerge the product in water.

③ Disconnect the product from the power supply.

④ Clean the product with a dry, lint-free cloth.

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