Wireless Display Adapter

UserManual



120m
HD transmission

Low latency

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

Maximum Resolution	1080P 60fps
Wireless Frequency	5.8GHz
Transmission Range	120 meters
Power Supply	DC 5V/1A
Product Dimensions	95*46*16mm

Interface Schematic Diagram



TX

NO.	Description
1	Operating Status Indicator
2	Power Indicator
3	HDMI/TypeC Input
4	Pair Button(Screen mirroring/Pair)
5	Reset Button
6	USB-C Power Input



RX

NO.	Description
1	Fault Indicator
2	Power Indicator
3	HDMI Input
4	Reset Button (Pair/ Rotate)
5	USB-C Power Input

Connection Diagram



Please pair the device first before use

Usage Steps

① Connect the transmitter to a laptop/desktop computer via HDMI cable. Plug in the power adapter to automatically power on (transmitter labeled as Transmitter or TX).

② Connect the receiver to a display device (monitor/TV) via HDMI cable. Plug in the power adapter to turn it on automatically If connected to a TV, switch to the corresponding display source. (receiver labeled as "Receiver" or "RX").

③ By default, the device functions normally upon powering on, enabling wireless HDMI video transmission.

(Note: The Type-C input model does not require extra power supply. Please ensure that the Type-C interface of the transmitting device supports the DP protocol.)

Pairing Process

Enable Receiver Pairing Mode

① Connect the receiver to the display via HDMI and plug it into a power source.

② Press and hold the RESET button on the receiver for about 2 seconds. Release the button when the screen displays "Release the button to pair with Transmitter."

Press the Pair button on the transmitter to enter pairing mode

① Connect the transmitter to your computer or phone. When the screen displays "Ready to pair," press and hold the Project/Pair button on the transmitter. Pairing will complete automatically after 5 seconds.

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 The Type-C extension cable included with the Type-C transmitter is custom-made. Keep it in a safe place. If lost, you may purchase a standard full-function Type-C cable. Note that standard full-function Type-C cables do not support blind insertion; ensure the output direction is correctly aligned during use.

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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