



USER MANUAL

Wireless HDMI Extender

Models C1080-RX | TX

START HERE - CHOOSE YOUR MODEL

C1080-RX TX	Transmitter + Receiver Set	Use Pages 3-6
C1080-RX	Receiver Only	Start at Page 4

Receiver-only users: use Pages 4-6 for screen mirroring. Transmitter setup does not apply.

Long distance wireless HDMI extension and screen mirroring

Product Introduction

The Carendale C1080-RX|TX / C1080-RX wireless HDMI system supports HDMI wireless extension and receiver screen mirroring. C1080-RX|TX is the full transmitter + receiver set for HDMI source-to-display extension and screen mirroring. C1080-RX is the receiver-only package for screen mirroring from compatible phones, tablets, and computers; transmitter setup does not apply.

Model	What is included	Use this mode	Where to go
C1080-RX TX	Transmitter + Receiver Set	HDMI Extension + Screen Mirroring	Pages 3-6
C1080-RX	Receiver only	Screen Mirroring only	Start Page 4



Main Features

 HDMI Extension Send an HDMI signal wirelessly from TX to RX.	 Screen Mirroring Supports Miracast, AirPlay, and Windows projection.	 External Antenna Helps improve reception and link stability.
 Long Range Up to 150 m in open areas for extender mode.	 Stable 5G Band Reduces common wireless interference.	 Metal Housing Improves heat dissipation and shielding.

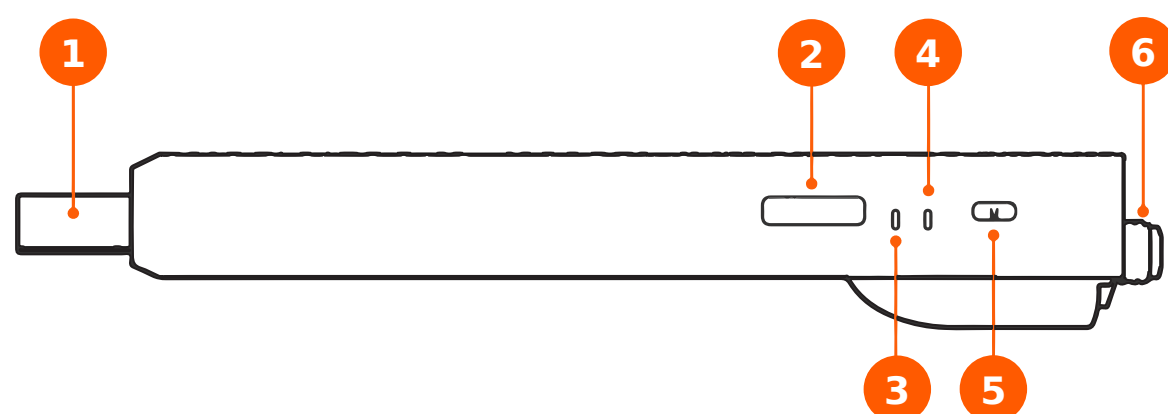
Key Specifications

Input	720P / 1080P up to 60 Hz	Output	1920 x 1080P / 60 Hz
Audio	Stereo	Range	150 m extender / 50 m mirroring
Power	DC 5V via Type-C USB	Size	108 x 37 x 17 mm

■ Interface Diagram

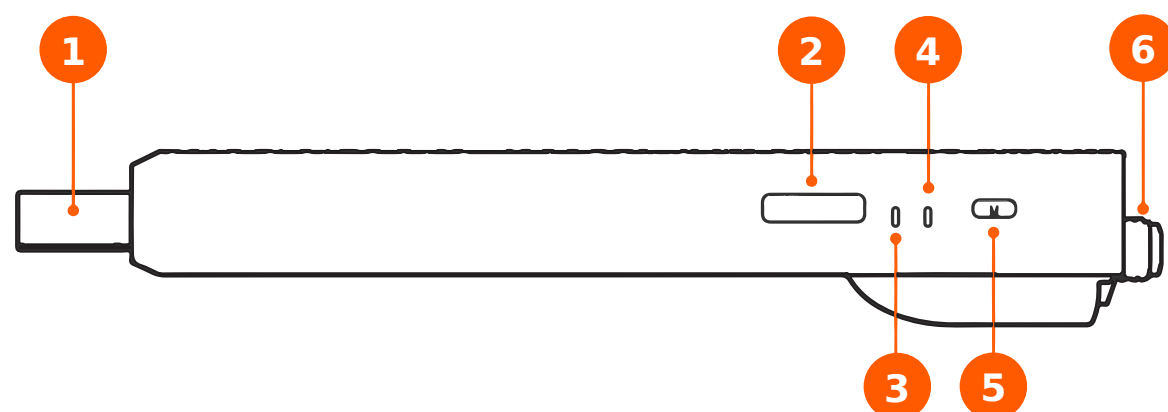
Use the receiver section for C1080-RX packages. Use both sections for the C1080-RX|TX set.

Transmitter - TX



- 1 HDMI In - signal input
- 2 DC/5V power input
- 3 Power indicator
- 4 Pairing / connection indicator
- 5 M button: mode, rotate, channel
- 6 External antenna

Receiver - RX



- 1 HDMI In - signal input
- 2 DC/5V power input
- 3 Power indicator
- 4 Pairing / connection indicator
- 5 M button: mode, rotate, channel
- 6 External antenna

C1080-RX Package Note

If you purchased the C1080-RX package, the transmitter is not included. C1080-XR is for receiver screen mirroring mode only. For HDMI extension mode, use the full C1080-RX|TX set.

■ Indicator Notes

- When only the receiver is powered, it enters screen mirroring mode by default.
- In extender mode, the RX/TX indicator flashes while connecting and stays on after the link succeeds.
- Default startup mode is wireless HDMI extender mode when the transmitter and receiver are powered together.
- During pairing, connect HDMI In and HDMI Out together. After pairing succeeds, the indicator stays on or flashes slowly as described.

Receiver Screen Mirroring - Start Here

Use this section if you purchased RX Receiver Only, or if you are using the receiver included in the RX-TX set.



Mirroring Method

Works with RX Receiver Only or with the receiver included in the RX-TX set.

Miracast

	Samsung:	Swipe down – Smart View
	Huawei / Honor:	Swipe down – Wireless Projection
	Xiaomi:	Settings – Display – Wireless Display
	OPPO / VIVO:	Settings – Smart Projection – Screen Mirroring
	Sony:	Settings – Display – Screen Mirroring
	LG:	Settings – More Settings – Miracast Wireless Display
	Windows:	Win + K
Select the device from the list.		

Apple Screen Mirroring

- On iPhone or iPad, open **Control Center** and tap **Screen Mirroring**.
- On Mac, click the **AirPlay** icon in the menu bar.
- Select the device from the list.
- If an AirPlay password appears, enter **1234**.

Tips

- Short-press the M button twice to switch the on-screen menu language.
- Screen rotation can be switched with the M button; changes may require a video or active screen to take effect.
- If casting fails, switch the receiver channel and reconnect from your device.

Receiver Channel Screen

Long-press the receiver M button to open the receiver channel screen. Use this function when casting cannot connect normally or when a regional channel is required.

Default Channel: 149

1 Preparation

Turn on Wi-Fi

2 Miracast

Samsung: Swipe down – Smart View

Huawei / Honor: Swipe down – Wireless Projection

Xiaomi: Settings – Display – Wireless Display

OPPO / VIVO: Settings – Screen Cast / Screen Mirroring

Sony: Settings – Display – Screen Mirroring

LG: Settings – More Settings – Miracast Wireless Display

Windows: Press Win + K

Select ashp2p-E1BFE7 from the list.

3 Apple Screen Mirroring

1 On iPhone / iPad, open Control Center and tap Screen Mirroring.

2 On Mac, click the AirPlay icon in the menu bar.

3 Select ashp2p-E1BFE7 from the list.

4 If a password appears, enter 1234.

When the TV is displaying the phone screen, press the screen button to rotate the display direction.

When the phone and screen are not connected, press the screen button to switch to Classic Mode.

Rotate

Mirror

Share

Switch P2P Channel: 149

Europe / Japan Recommended: 44

1 Preparation

Turn on Wi-Fi

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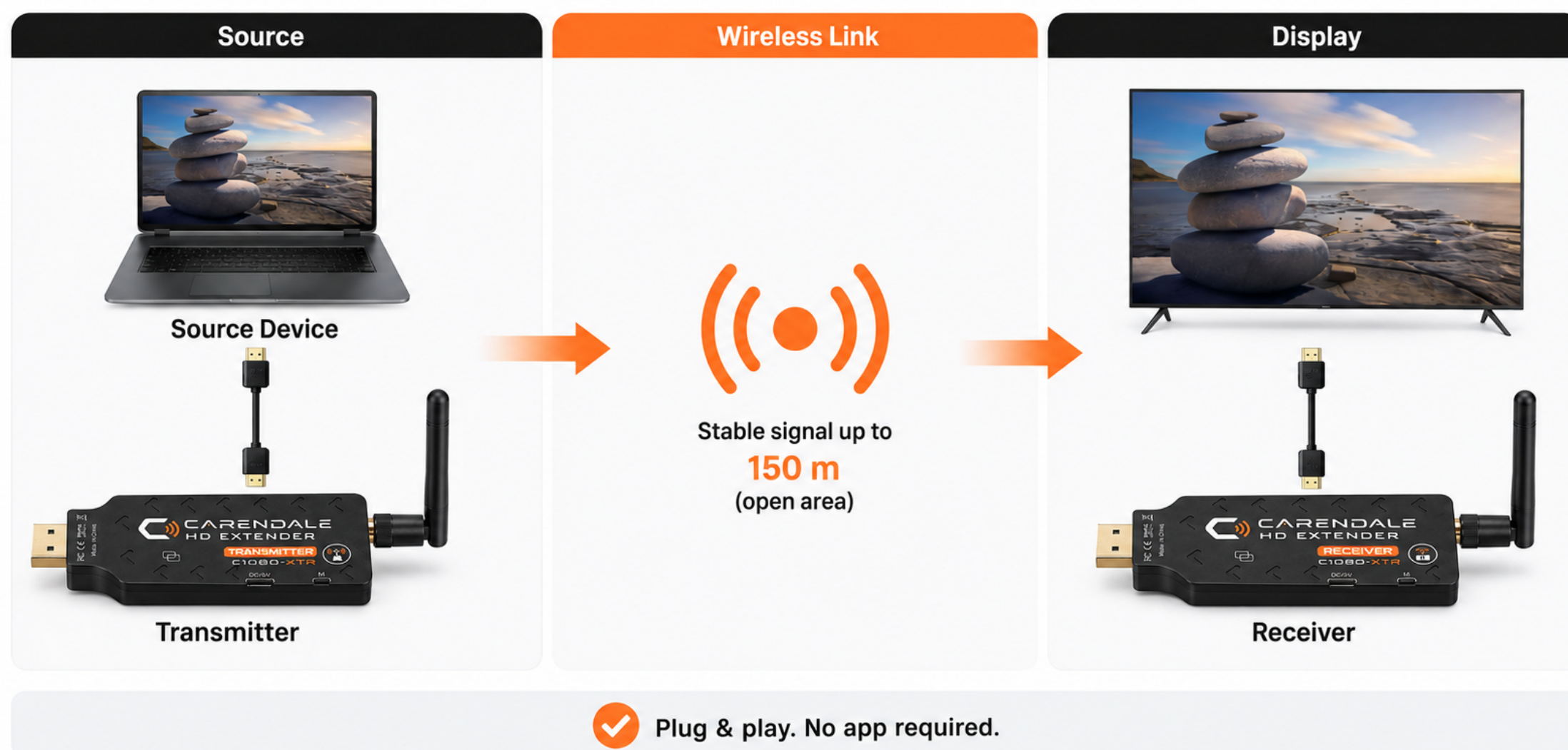
Switch P2P Channel: 44

After changing the channel
Reconnect from your phone, tablet, computer, or display source. If the receiver does not appear in the casting list, reopen the casting menu and select the receiver device again.

■ Connection Operation

Use this page for the RX-TX Transmitter + Receiver Set only.

- 1 Connect the source device to the transmitter HDMI In port.
- 2 Connect the display to the receiver HDMI Out port.
- 3 Power both units using the Type-C USB cables.
- 4 Wait for the RX/TX link, then enjoy wireless video.



■ Package Contents

C1080-RX|TX - Transmitter + Receiver Set

- Wireless HDMI extender transmitter - 1 pc
- Wireless HDMI extender receiver - 1 pc
- Type-C USB power cable - 2 pcs
- HDMI male-to-female cable - 2 pcs
- User manual - 1 pc

C1080-RX - Receiver Only

- Wireless HDMI extender receiver - 1 pc
- Type-C USB power cable - 1 pc
- HDMI male-to-female cable - 1 pc
- User manual - 1 pc
- Accessories may vary by package listing

■ Quick Troubleshooting

No image in HDMI extension mode: Check HDMI direction, power, and TV input. Connect source to TX HDMI In and display to RX HDMI Out. Requires RX-TX set.

No screen mirroring image: Confirm receiver power, correct TV input, and select the receiver device from your phone, tablet, or computer casting menu.

Unstable link: Keep antennas upright and reduce obstacles or wireless interference between source and display.

Cannot cast: Enter screen mirroring mode, switch the receiver channel if needed, then reconnect from your device.

Regional channel issue: Use receiver channel switching. Default channel is 149; Europe/Japan recommended channel is 44.

Power notice: Use DC 5V USB power through the Type-C input. Keep the unit ventilated during operation.