

Connection instruction:

- 1) Connect HDMI input to HDMI source device and connect IR blaster extension cable to IR OUT interface of the sender (TX).
- 2) Connect HDMI output to HDMI display device and connect IR receiver extension cable to IR IN interface.
- 3) Power on the device (power led lights) and it works.

Note:

- 1) When the wireless signal transmits through wall, glass or other obstacles, it will cause signal loss. Please install this device in good environment with few obstacles.
- 2) The external environment wireless signal will affect transmission, such as micro waver, wireless mouse and keyboard etc.

• FAQ

Q: TV display “waiting for connection...” on the bottom right corner?

A: Please check and ensure the power supply of TX (sender) and RX(receiver) is well connected and the power indicator led turn on.

Q: TV display “Please check the TX input signal” ?

A:1) Please check if there is an HDMI signal input of sender TX
2) Try to connect the signal source directly to display device to see if there is signal output from source device or change the signal source, HDMI cables and try again.

Q: Display not fluent and stable

- A: 1) Please move the position of sender (TX) and receiver (RX) and make sure the device is within the signal coverage.
- 2) Press “reset” button on the TX/RX panel, reset and reconnect.
 - 3) Remove other wireless signal disturbance and reduce the obstacle on the way.

• Specification

Items		Specification
Power supply	Voltage/Current	DC5V/3.5A
	Power consumption	TX < 11W RX < 12W
HDMI performance and interface	HDMI compliance	HDMI2.0
	HDCP compliance	HDCP2.2
	HDMI connector	Type A, female
	HDMI input resolution supported	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz, 4Kx2K@24/25/30/60Hz
	HDMI output resolution supported	1080p@60Hz, 4Kx2K@30/60Hz
	Audio formats supported	L/R stereo audio
	Maximum transfer rate	18Gbps
	Input and output TMDS signal	0.7 ~ 1.5Vp-p(TMDS)
	Input and output DDC signal	5Vp-p(TTL)
	Input cable length supported	≤5m(AWG24 HDMI2.0cable standard)
Output cable length supported	≤5m(AWG24 HDMI2.0cable standard)	
IR performance and interface	IR remote control	Support IR passback with 20-60KHz frequency
Wireless performance and interface	Transmission method	5.1~5.8G Wireless transmission
	Transmission distance	200 Meters
	Latency	≤ 200 ms
Protection level	Electrostatic protection of the whole machine	1a Contact discharge level 3
		1b Air discharge level 3
		Standard: IEC61000-4-2

Operating environment	Working temperature	0 ~ 50℃
	Storage temperature	-10 ~ 70℃
	Humidity (no condensation)	0 ~ 90%
Body properties	Dimension	195.4(D) x 138.3(W) x 30.8(H)mm
	Material	Iron alloy material + crystal panel
	Finishing	Grit blast
	Colour	Black
Reliability	Weight	TX : 560g , RX : 550g
	Mean time between failures (MTBF)	> 30000 Hours

Disclaimer

The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products. We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.

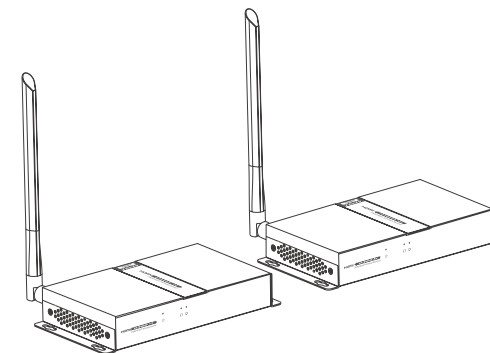


HDMI Wireless Extender 200m

CS-HDMWAK60

User manual

4Kx2K
60Hz



MetraHomeTheater.com
866-839-9187

460 Walker Street
Holly Hill, FL 32117-2653
©2017 Metra Electronics Corporation
Designed and Manufactured to
Metra Home Theater Group Specifications
MADE IN CHINA

• Important safety notice

- Please read below safety instructions carefully before installation and operation:
1. Please pay attention to all the warnings and hints on this device.
 2. Do not expose this unit to rain, moisture and liquid.
 3. Do not put any stuff into the device.
 4. Do not repair the device or open the enclosure without professional person guidance to avoid electronic shock.
 5. Make sure good ventilation openings to avoid product overheating damage.
 6. Shut off power and make sure environment is safe before installation.
 7. Do not plug-in/out the network cables and IR cables when it is in using to avoid cables damage.
 8. Use DC5V3.5A only. Make sure the specification matched if using 3rd party DC adapters.

• Introduction

This transmitter extends HDMI signal wirelessly from source device to display device up to 200meters with the advanced application of HDBiT transport protocol and wireless technology. The signal resolution up to 4Kx2K@60Hz. It requires no cables between sender (TX) and receiver (RX) which makes the installation easy and clean.

Note:

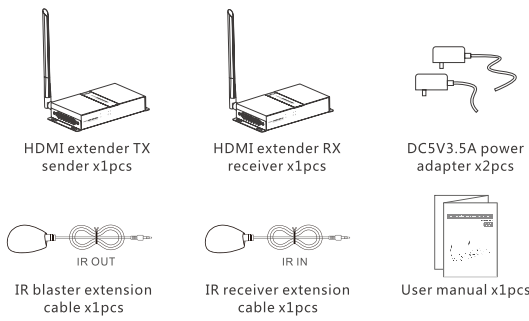
- 1) Transmission distance will be different due to the environment.
- 2) Wall, brick or glass will shorten the signal cover range or cause big signal loss.

• Features

1. HDMI 2.0 and HDCP2.2 compliant
2. Extend HDMI signal wirelessly
3. Strong anti-interference ability by running at 5.1~5.8GHz operation frequency
4. 200m long transmission distance
5. High resolution up to 4K×2K@60Hz ultra HD

6. IR passback with 20-60KHz wide frequency to control source device from receiver side easily
7. Support point to point and point to multi-point configuration (1 TX to 2 RX)

• Package contents

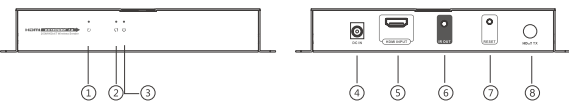


• Installation Requirement

1. HDMI source device (DVD, PS3, Set top box, PC etc).
2. HDMI display device (SDTV, HDTV, and projector etc).

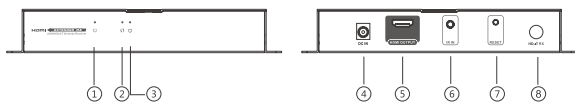
• Panel description

1. HDMI Extender TX sender



① Power indicator	LED indicator turn on when power on
② Data transmission indicator	Blink when data is transmitted
③ HDMI signal indicator	LED indicator turn on when the transmitter connects to the receiver, otherwise it is off
④ Power input	Connect with DC5V3.5A power adapter
⑤ HDMI input	Connect with HDMI source device
⑥ IR blaster extension cable interface	Connect with IR blaster extension cable. Please put the IR blaster close to source device to better transmit the IR signal from receiver
⑦ Reset	Press reset button to restart the device
⑧ Antenna	Launch wireless signal

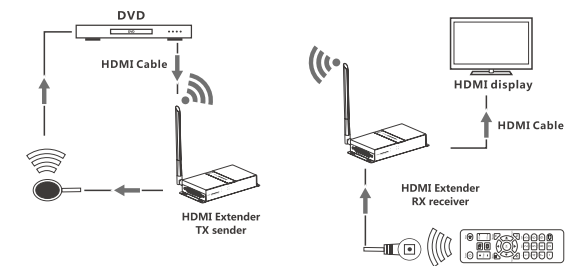
2. HDMI extender RX receiver



① Power indicator	LED indicator turn on when power on
② Data transmission indicator	Blink when data is transmitted
③ HDMI signal indicator	LED indicator turn on when the transmitter connects to the receiver, otherwise it is off
④ Power input	Connect with DC5V3.5A power adapter
⑤ HDMI output	Connect with HDMI display device
⑥ IR receiver extension cable interface	Connect with IR receiver extension cable. Please make sure the remote control is within the required range of IR receiver
⑦ Reset	Press reset button to restart the device
⑧ Antenna	Receive wireless signal

• Connection

1. Point to Point connection:



2. Point to Multi-point connection:

