

• 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.

• Introduction

This HDMI wireless extender includes transmitter unit and receiver unit, allows to transmit and extend HDMI signal up to 15 meters long away wirelessly, it has strong anti-interference ability by running at 5GHz operation frequency, and supports point to point connection. It is really a very good solution for meeting, conference, home entertainment and multi-media education etc.

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. Highest resolution up to 1080p full HD.
2. Strong anti-interference ability by running at 5GHz operation frequency .
3. Support point to point wireless configuration.

4. Support HDMI1.3, compatible with HDCP1.2.
5. 15 meters transmission sight distance.
6. Plug and play, easy installation.
7. Transmitter can be powered by input sources through HDMI port(when the transmission/connection is not stable, or the output is not fluent, please use external Micro USB power supply)

• Package Contents



HDMI Extender TX sender x1pcs



HDMI Extender RX receiver x1pcs



Micro USB Cable x2pcs



HDMI Cable x2pcs



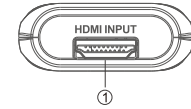
User manual x1pcs

• Installation Requirement

1. HDMI source device (DVD, PS3, Set top box, PC etc)
2. HDMI display device like SDTV, HDTV, and projector with HDMI port.
3. Please make sure use DC5V/1A power supply if need to use external power adapters.
4. If there is obstacle between transmitter and receiver, especially the display is with the metal house, please use a male-female HDMI cable to connect this receiver and display to make sure transmitter connects receiver well.

• Panel Description

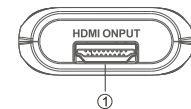
1. HDMI Extender TX sender



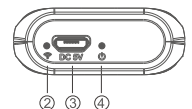
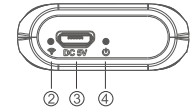
① HDMI input	Connect with HDMI source device
② Connections indicator	Led keeps on when there is HDMI input, blinks slowly when it is successfully connected, blinks fast when it is transmitting data
③ Power input	Connect with Micro USB power cable (optional)
④ Power indicator	LED indicator turn on when power on

【NOTE】 This device can be powered from the HDMI source device (which with HDMI port) directly. However, when the transmission/connection is not stable, or the output is not fluent, please use external Micro USB power supply.

2. HDMI extender RX receiver



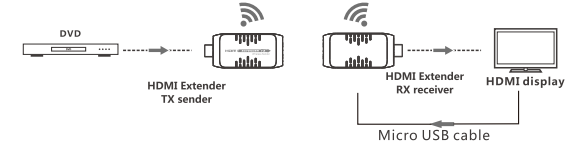
① HDMI output	Connect with HDMI display device
② Connections indicator	Led blinks slowly when it is no transmitting data, blinks fast when it is transmitting data



③ Power input	Connect with Micro USB power cable
④ Power indicator	LED indicator turn on when power on

【NOTE】 Receiver can be powered by HDMI display device via Micro USB cable.

• Connection



Connection instruction:

- 1) Connect HDMI input to HDMI source device via HDMI cable.
- 2) Connect HDMI output to HDMI display device via HDMI cable.
- 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: Transmitter and receiver can't be connected with each other?

A: 1) Please check if the wireless connection light on product blinks properly.

2) Restart the transmitter or receiver.

3) Reconnect the HDMI cable or use another HDMI cable to try again.

4) Please change the location of sender (TX) and receiver (RX) and make sure devices are within the signal coverage.

Q: The wifi LED indicator of the transmitter is off, but no signal output on display/monitor?

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, the resolution of input signal, HDMI cables to try again.

Q: Display is not fluent and stable

A: 1) Please change the location of sender (TX) and receiver (RX) and make sure the device is within the signal coverage.

2) Restart the transmitter or receiver.

3) Reconnect the HDMI cable.

4) Remove other wireless signal disturbance and reduce the obstacle on the way.

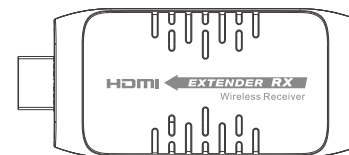
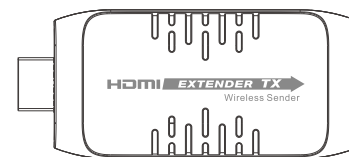
• Specification

Items		Specification
Power Supply	Voltage/Current	TX: Powered through sources via HDMI port
		RX: Powered by Micro USB cable
HDMI Performance And Interface	Power consumption	TX < 2.5 W RX < 2 W
	HDMI compliance	HDMI1.3
	HDCP compliance	HDCP1.2
	HDMI resolution supported	480p@60Hz, 576p@50Hz, 720p@50/60Hz, 1080p@50/60Hz

HDMI performance and interface	Audio formats Supported	L/R stereo audio
	Maximum transfer rate	10.2Gbps
	Input and output TMDS signal	0.7~1.2Vp-p(TMDS)
	Input and output DDC signal	5Vp-p(TTL)
Wireless performance and interface	Transmission method	5G Wireless transmission
	Transmission distance	15 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	0~40°C
	Storage temperature	-20~70°C
	Humidity (no condensation)	0~90%
Body properties	Dimension	TX: 88.90(W) x 38.99(D) x 15.17(H)mm RX: 88.90(W) x 38.99(D) x 15.17(H)mm
	Material	Plastic
	Color	Black
	Weight	Tx : 30g , RX : 30g
Reliability	Mean time between failures (MTBF)	> 30000 Hours

Wireless Extender User Guide

Model: LKV388mini



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.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.