Model	**:**	ATZ HDMI-V2-E150W+USB
Description:		HDMI Wireless USB KVM HDMI 4K@60Hz Extender w/IR HDMI2.0 & HDCP2.2

This 4K wireless HDMI extender device is embedded with our latest vPlay Seamless Technology, supports 4K/60Hz resolution, super smooth playback with low latency.

You can now watch TV in your bedroom, study or any other room without messy cables. You can wirelessly send the HD video signal from an HDMI source (for example, your set-top box) to a second TV or projector in another room and continue to operate those remotely by using our wireless HDMI devices.

Support wireless HD transmitter with multiple receivers without latency. You can wireless stream the video content from one transmitter to multiple receivers simultaneously, excellent for applications like education or digital signage.

Features:

- Private Seamless Technology ensures super smooth video playback.
- Supports 4Kx2K @60Hz resolution for Input and Output.
- As low as 100ms latency.
- Supports 20-60KHz IR extended function.
- Supports USB KVM function.
- Touch panel back control function.

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Your Trusted Connectivity Solutions!

- Transmission distance up to 150 meters in the clear line of sight.
- Auto Channel Selection.
- Equipped with the fast 802.11ac 2T2R WiFi MIMO module.
- High-security protection.
- Supports one transmitter to multiple receivers.

Specifications:

Video Resolution	4K/60; 4K/30; 4K/24; 1080P/60/50/30/24; 720P/60/50/30; 480P
Audio	Stereo, 44.1KHz
Wireless standard	IEEE 802.11b/g/n/ac, 2.4G/5GHz, 2T2R
Latency	About 100ms latency
HDMI Version	HDMI 2.0 with HDCP2.2
Platform supported	Any devices that support HDMI Port
Distance About	150 meters in the clear line of sight
Transmitter	
Interface:	HDMI out x1; HDMI in x1; Micro USB x1; 3.5mm jack x1; Type c x1
LED	Red/Blue LED x1
Switch Button	x1
Power supply	DC5V/2A
Power Consumption	About 7W
Dimension	154*77.5*21mm
Weight	330g
Receiver	
Interface	HDMI out x1; USB x2; Type C x1
LED	Blue LED x 1
Power supply	DC5V/2A
Power Consumption	About 5W
Dimension	154*77.5*21mm
Weight	330g
Temperature and Humidity	
Operating:	0°C to +40°C (+32°F to +104°F)
Storage:	-10°C to +60°C (+14°F to +140°F)
Operating:	10% to 80% relative humidity

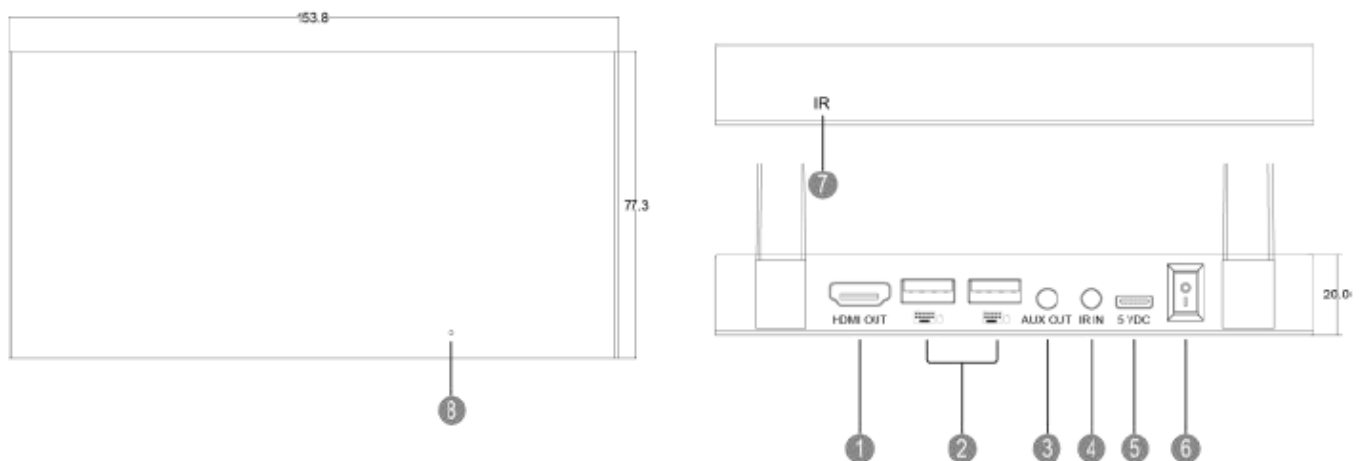| Model	:	ATZ HDMI-V2-E150W+USB
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Product Overview:
Transmitter
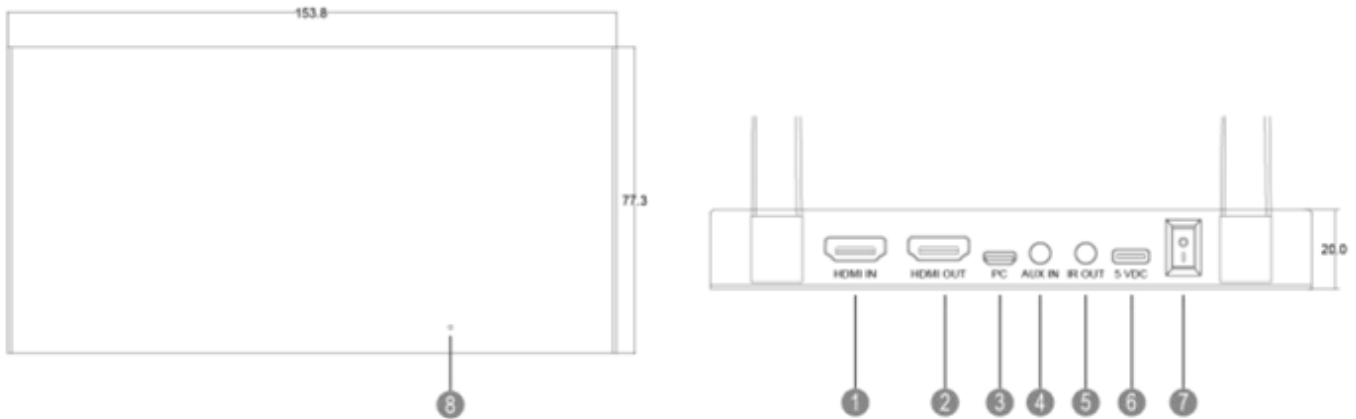
1. HDMI in: Connect with the video source.
2. HDMI out: Connect with display for Pass-through.
3. Micro USB: Connect with USB of video source for KVM function.
4. AUX in: Connect the audio device
5. IR Port: Connect with IR port of video source for IR extended function.
6. USB Type-C: Connect with 5V/2A power adapter
7. Switch: Turn on/off the product.
8. LED indicator

Receiver

1. HDMI out: Connect with display.
2. USB-A: Connect with mouse and keyboard for USB KVM function, you can also connect with touch panel USB port for touch panel back control.
3. AUX in: Connect the audio device
4. IR Port: Connect with IR port of video source for IR extended function.
5. USB Type-C: Connect with 5V/2A power adapter
6. Switch: Turn on/off the product.

7. IR Window: IR extended function.
8. LED indicator

Pairing a transmitter and receiver:

A standard wireless HDMI extender kit includes one transmitter and one receiver, which are paired before shipment. Normally you don't need to pair them again.

However, if you buy additional receiver, you need to follow the instruction below to pair the new receiver with the transmitter:

1) Power on the transmitter.
2) Power on the receiver till it's on the main menu.
3) Press the receiver's reset button and hold for 5 seconds till the LED is flashing fast.
4) Wait around 30 seconds, the transmitter and receiver will paired automatically.
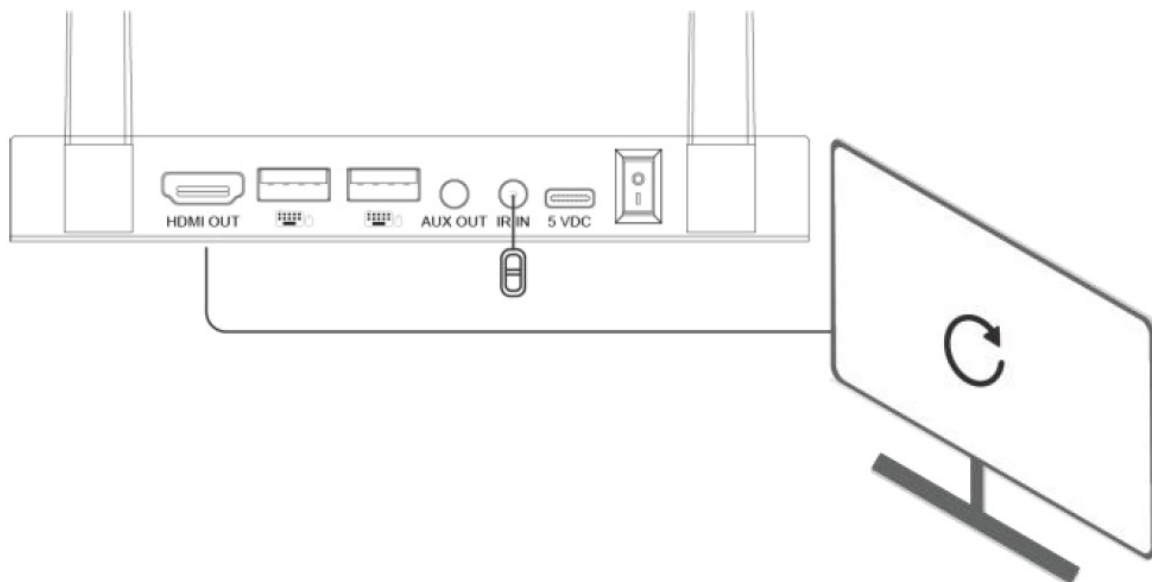
Installation Guide:
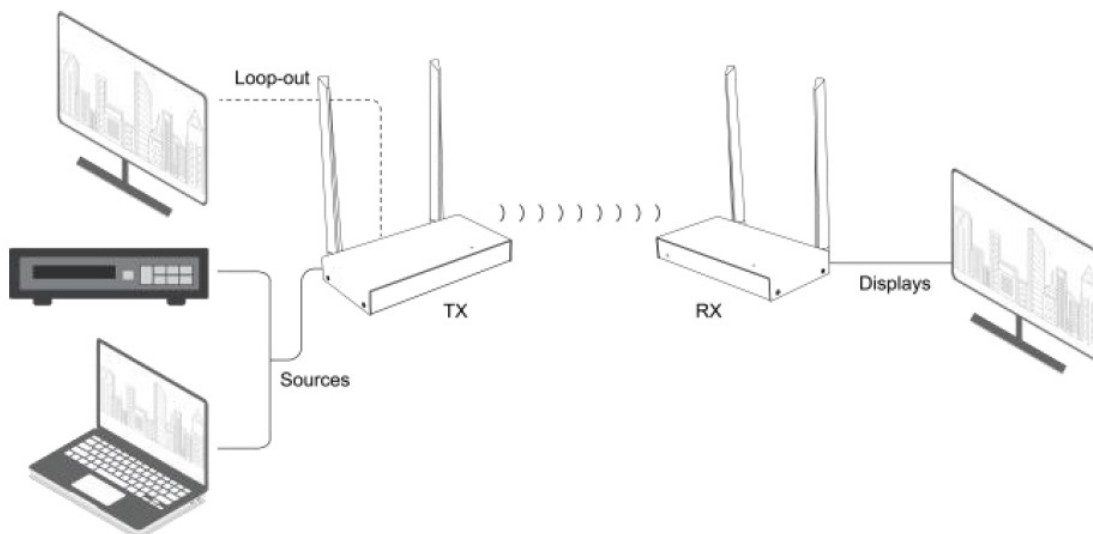
Connecting the transmitter:

The transmitter sends the HD video signal wirelessly to the receiver in another room. Therefore, place the transmitter near your HDMI source (for example: set-top box, Blu-ray player, Media Player, Media Center PC/laptop).

1) Connect the power adapter to the connector marked "5V" and insert the plug into the wall socket.

2) Use an HDMI cable to connect the HDMI source to the HDMI port marked "HDMI IN" on the TX.

3) Optional: To continue watching TV in this room as well, use an HDMI cable (not supplied) to connect a TV to the HDMI port marked "HDMI OUT".

LED indicator of TX	Description
Red:	TX system is booting on
Blue:	Connected
Purple:	No Video in

Connecting the HD receiver:

1) Connect the power adapter to the connector marked "5V" and insert the plug into the wall socket.

2) Place the receiver in the room (bedroom, study or other room) where you want to connect the second TV or projector.

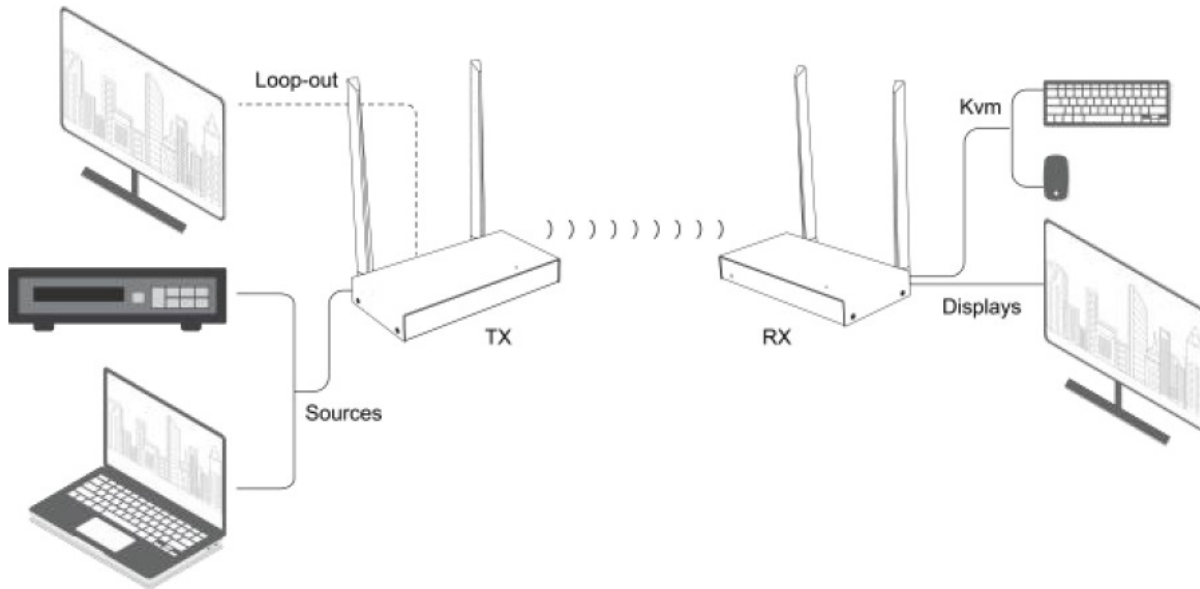3) Use an HDMI cable to connect your TV or projector to the HDMI port marked "HDMI OUT" on the HD receiver.

LED indicator of RX	Description
Flashing blue:	Waiting for connection
Static blue:	Connected

Two streaming modes:

One TX to One RX mode

One TX to Multiple RX mode
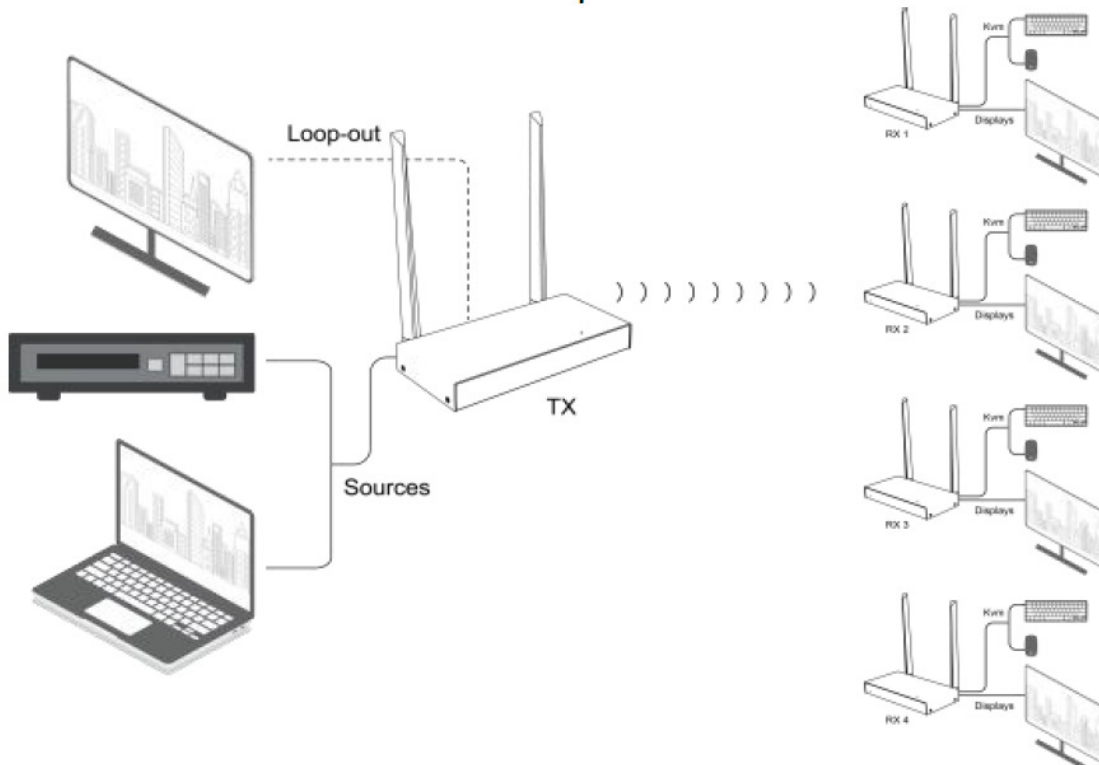
The 4K Wireless HDMI extender also supports multicast function, which means video transmission from one transmitter is streamed to a group of receivers simultaneously. One transmitter can support up to 4 receivers.
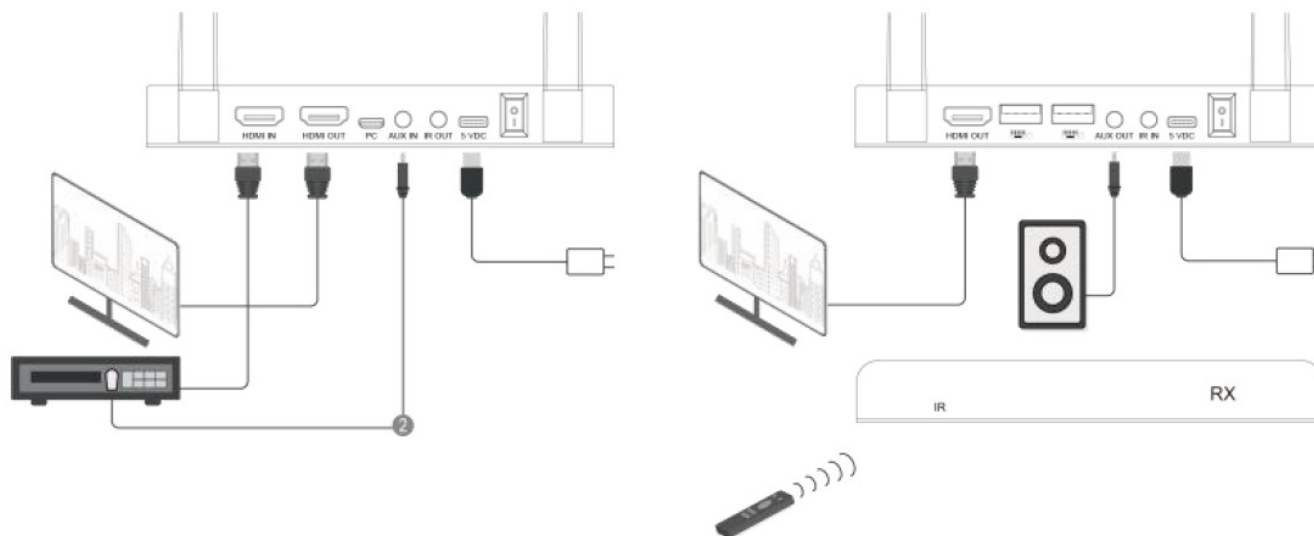
Normally, if you buy a new receiver, after power on the receiver, the transmitter will recognize and stream the video to the second receiver automatically.
If the transmitter and new receiver are not paired automatically, please pair the TX and RX firstly, please check "Pairing a transmitter and receiver" process.

Connecting infrared return:

The 4K wireless HDMI extender has a Built in "infrared return" that enables continued operation of the connected HDMI sources from another room.
For example, operate your HDMI source downstairs from your bedroom (location of second TV)
The IR cable receives the commands sent by the IR receiver and forward it to your connected HDMI sources.
Connect the IR cable (2) to the HD transmitter's connector marked "IR".
Make sure that the led of the IR cable is attached exactly over the HDMI source's infrared sensor (with some equipment, this needs to be done very precisely). The exact position can be found easily by shining a torch on the front panel, searching for the IR sensor window.
Please experiment with correct placement before final attachment of the IR led. Please note!
The adhesive strip may cause discoloration on certain surfaces, or leave adhesive residues after removal.

Testing the IR return function:
Once you have connected the IR cable according to the above description, it is recommended to test the function first.
Aim your remote control towards the IR On the front side of receiver and send a command.
The IR Receiver will now send this command to the transmitter through the receiver.
The transmitter will forward this command to the IR on the transmitter.
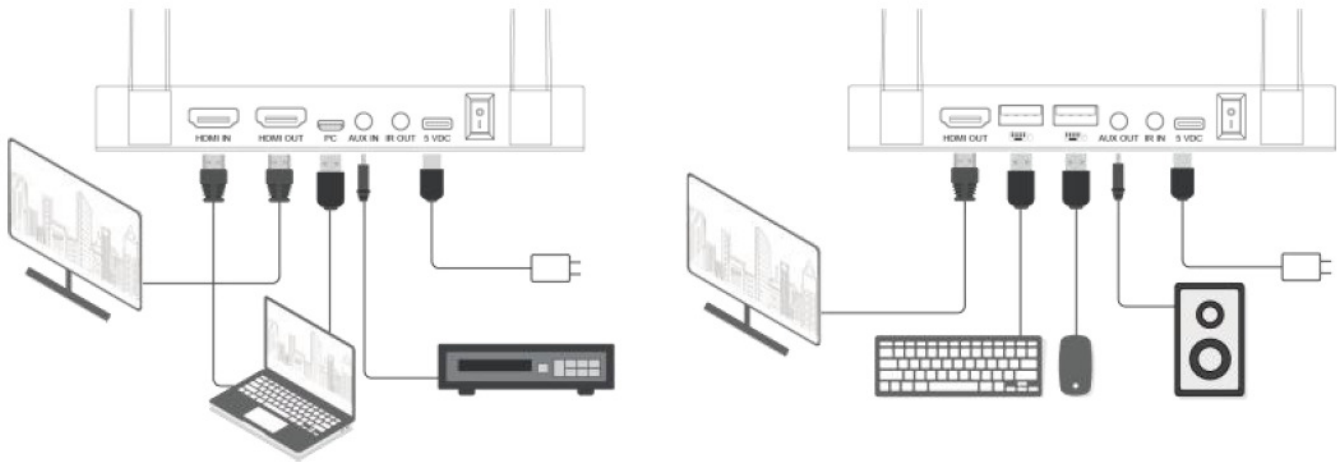The IR then forwards the command to the HDMI source.
The HDMI source should now execute the function associated with the command sent by your remote control.

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Connecting the USB extension:

In addition to an infrared return feature, the 4K wireless HDMI extender also features a built in USB extension function.
This helps you to continue to operate connected HDMI sources, such as a Media Center PC or laptop, from another room, using a mouse and/or keyboard.

1) USB connection at HD transmitter
Using the included Micro USB cable, connect your PC or laptop to the Micro USB socket marked "USB" on the HD transmitter.
2) USB connection at HD receiver
Connect your mouse and/or keyboard to the connectors marked "USB" on the HD receiver.

Testing the USB extension function:
Once you have connected the Micro USB cable and your mouse/keyboard according to the above description. It is recommended to test the feature first.
Take your mouse/keyboard and use one of the functions.
The HD receiver will now send this function to the HD transmitter.
The HD transmitter will now forward this function to the Media Center PC or laptop.
The Media Center PC or laptop should now execute the function of your mouse/keyboard.

Package Contents :
1x Transmitter
1x Receiver
2x 5V2A Power adapter
2x Type-C cable
1x Micro USB cable
1x IR transmitter cable
2x HDMI cable

Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.

HƏMI
HIGH DEFINITION MULTIMEDIA INTERFACE

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