



High Quality Audio & Visuals

HDMI Wireless Extender

Model No: HW1800HD

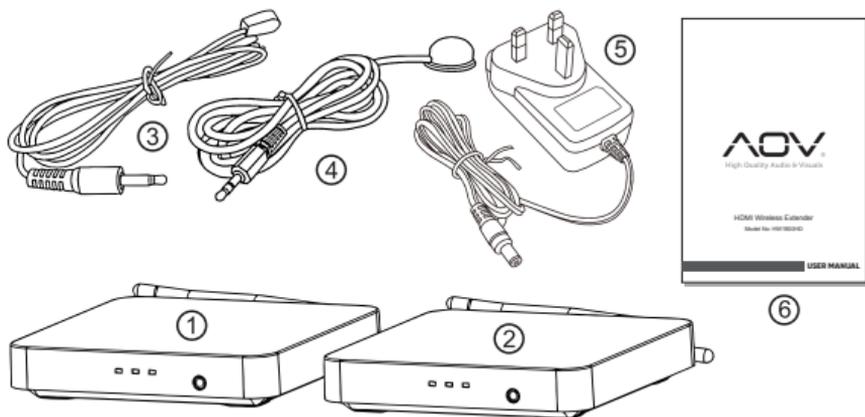
USER MANUAL

FEATURES :

- Contains a transmitter (TX) and a receiver (RX). The HDMI signal over wireless transmission from the transmitter to the receiver
- The TX support one HDMI loop output, for local screen monitor
- Support HDMI resolution: 480i/576i~1080P@50/60Hz and SVGA~WUXGA
- Digital 2.4G & 5GHz dual frequency wireless A/V transmission, high transmission rate and strong anti-interference capability
- Using an external dual - gain antennas. Full HD 1080p transmits up to 100 meters wirelessly in open space.(May be affected by the use environment)
- Extends infrared remote to control source device from display side
- Support OSD, for informed of device status
- Simple Plug and Play. Full hardware design, no software installation required
- Support Web Configuration Interface. Simple and easy to use

PACKAGE CONTENTS:

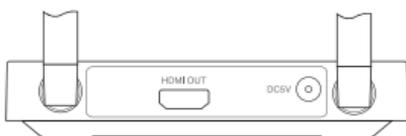
- | | |
|----------------------------------|--------------------------|
| 1. HDMI Wireless Transmitter 1pc | 4. IR Receiver Cable 1pc |
| 2. HDMI Wireless Receiver 1pc | 5. DC Power Adapter 2pcs |
| 3. IR Transmitter Cable 1pc | 6. User Manual 1pc |



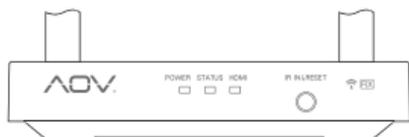
FEATURES OF THE INTERFACE:



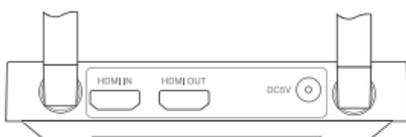
Transmitter(TX) Front Panel View



Transmitter(TX) Rear Panel View



Receiver(RX) Front Panel View



Receiver(RX) Rear Panel View

POWER: Power Indicator

STATUS: System Status Indicator

HDMI: HDMI Input/Output Status Indicator

IR OUT: Insert IR Transmitter Cable

IR IN: Insert IR Receiver Cable

HDMI IN: HDMI INPUT

HDMI OUT: HDMI OUTPUT

DC5V: 5V DC In Jack

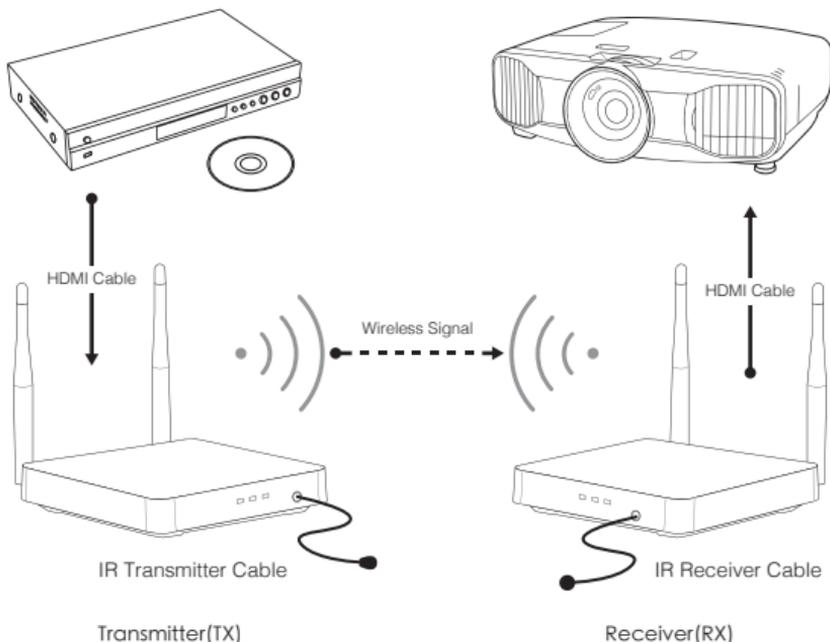
OPERATION AND CONNECTION:

1. Connect one HDMI cable from the DVD/BD player into the HDMI input port of the HDMI wireless TX.
2. Connect one HDMI cable from TV/Monitor into the HDMI output port of the HDMI wireless RX.
3. Connect the IR Transmitter cable to the HDMI wireless TX and the IR Transmitter cable must face to the control target device.
4. Connect IR Receiver cable to the HDMI wireless RX.
5. Connect 5V power supplies to the TX&RX, and inserted into the power socket.

CONNECTION DIAGRAM

Source (DVD/GAME/COMPUTER...)

Output (HDTV Monitor/Projector...)



RESTORE FACTORY SETTINGS AND SWITCH WIRELESS BAND:

The Factory Reset Button is located at the bottom of the Hole of the IR IN/OUT. It is able to work under power on status. To use one long and narrow insulated stick (like toothpick) to insert the hole end to press the button as below:

1. Restore Factory Setting: To press the button for lasting three seconds, then the HDMI Status Led Light will flash for three times and restart, it shows that Restore Factory Set is successful.

Note: You must to restore factory set at both transmitter and receiver.

2. Switch Wireless Band: Press the button to cyclic switch the 2.4G/5G (only for TX). The default frequency is 5G.

WEB SETTINGS:

To prevent the interference caused by the same frequency device, the Wireless HDMI Extender support to set up the working frequency, transmit channel and SSID by the WEB. For safety, the user should change the SSID and the password at the first log in. Pls follow the below steps:

1. Connect 5V power supplies to the TX&RX, and inserted into the power socket.
2. Turn on the WLAN of the mobile phone / PC, search and connect SSID: HDMI_Wireless.
Enter the default password: 00000000.
3. Modify the IP address type of the mobile phone / PC to static / fixed, and the IP must be set in 192.168.1. xxx address segment range, e.g. 192.168.1.100.
4. Open the IE browser and enter 192.168.1.10 in the address bar, click "Enter".



5. Enter the default login password: admin, click "Login" open the Settings Interface. If you want to modify the login password, please click on the "Modify", after modified click "save" to save and exit. Restore factory settings when click "reset".



If you forgot the password, you can restore factory setting.

Steps: Please refer to the paragraph "RESTORE FACTORY SETTINGS AND SWITCH WIRELESS BAND"

SPECIFICATIONS:

HDMI Compliance.....	HDMI 1.3/HDCP 1.4
HDMI Resolution	up to 1080P@50/60Hz&SVGA /XGA/WXGA/SXGA/WXGA+/UXGA/ WSXGA+/ WUXGA
HDMI Audio Format	LPCM2.0
HDMI Max Bandwidth.....	225MHz
HDMI Max Baud rate.....	6.75Gbps
Input/Output TMDS Signal	0.5~1.5Volts P-P(TTL)
Input/Output DDC Signal	5Volts P-P (TTL)
HDMI Output Cable Distance.....	≤12m AWG26 HDMI Standard Cable
Antenna Type.....	External Dual 3dBi Gain Antenna
Wireless Standard.....	IEEE 802.11a/b/g/n
Wireless Band.....	2.4GHz, 5GHz ISM Band
Max Data Rates.....	2T2R up to 300Mbps
Transmit Output Power (IPEX)	16±2dBm
Transmission Distance.....	up to 100m (in open space)
IR Carrier Frequency.....	38KHz
TX/RX Max Working Current.....	1A
Power Adapter Format Input	AC 100V~240V 50HZ/60Hz, DC5V/2A
Operating Temperature Range	-5 to +45°C
Storage Temperature Range.....	-20 to +60°C
Operating Humidity Range	10 to 90%RH (No Condensation)
Storage Humidity Range.....	5 to 95%RH (No Condensation)
Case Dimension (L x W x H)	127.5x127.5x25 (mm)
Weight	TX175g/RX170g

NOTES:

Pls use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Please hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Please turn the power off when the machines not used for long time.
6. Please do not open the cover and do not touch the inside parts.
7. Please use the original factory power adaptor.

FAQ:

Before power on, pls check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

NO.	Problem Description	Solutions
1	No display	1. Check the TV is on and has been connected with the machine. 2. Please check the TX power supply 3. Make sure the TV is working regularly
2	Display "Connecting"	1. Please check the RX power supply 2. Please check the WEB are set correctly 3. Co-channel interference. Please select a new band or channel 4. Please reset or turn off the power restart
3	Display "No signal"	1. Check the signal source is power on and output normal. 2. Check the signal source output resolution. 3. Make sure the HDMI cable is properly connected
4	Transmission distance is short	1. Please adjust the angle of the antenna or adjust the placement 2. Concrete walls, Brick, Wallpaper, Metal, Glass will shorten the signal cover range or cause big signal loss. 3. Co-channel interference. Please select a new band or channel
5	Screen not fluent	1. Please adjust the angle of the antenna or adjust the placement 2. Co-channel interference. Please select a new band or channel
6	Can't find SSID	1. Please check the RX and TX power supply 2. Please check whether the Phone/PC supports 2.4G/5G band 3. Factory default or turn off the power restart
7	Can't login to the Web settings interface	1. Please check the RX and TX power supply 2. Please check the IP type of mobile phone/PC is static / fixed 3. Please check the IP is in 192.168.1. XXX address range 4. Please try Login again after changed a browser

