Troubleshooting

Before following the troubleshooting guide below please make sure that your Transmitter, Receiver and attached equipment (HD source and display) are all properly connected switched on and not in Standby Mode.

No Video	Check the status of the Link LEDs, and check if the HD Media player works normally		
	Check the HDMI lead is undamaged and is plugged into the correct socket		
	Check that the correct HDMI output has been selected from the Media player menu and that the HDMI lead is plugged into the correct output socket		
	Check that the correct HDMI input has been selected from the TV menu and that the HDMI lead is plugged into the input socket selected		
	Make sure that it is the Receiver that is connected to the TV, and the Transmitter that is connected to your source		
Power LEDs OFF	Make sure the power is connected		
Transmitter LED OFF	Check the source is powered on		
	Make sure the Transmitter is powered on		
	Make sure the HD source is on, connected to the HDMI socket and outputting a supported resolution (1080p, 720p, 1080i, 576i, 576p, 480p).		
Receiver LED remains OFF	Part of the system is not properly connected or the signal received is not of good enough quality/strength		
when HD Media player is playing	Make sure the HD display is connected switched ON and set to the right channel/input (e.g. HDMI channel)		
	Check the HDMI lead is undamaged and is plugged into the correct socket		
Transmitter / Receiver LED Flashes	Make sure the Transmitter and Receiver are not positioned too far apart. Move them closer together to check minimum effective range. Make sure the HD Player is switched ON and had been connected to Transmitter		
Bad Picture	Make sure the HDMI leads used are undamaged and that you can get a good picture when the source is connected directly to the display with an HDMI lead		
	Make sure nothing is touching or blocking the signal to the built in antennas		
	Move Transmitter and Receiver closer together		
	Restart the player or reconnect the HDMI lead		
Bad Audio/	Make sure that the source is outputting supported audio formats		
No Audio	If the audio signal drops out, Restart the audio source and reconnect the HDMI lead		
	Make sure there is no 2.4GHz wireless phone within the area of the Receiver.		
Other Issues/ Unresolved Issues	If any other issue occurs or if the above issues persist, try switching OFF both Transmitter and Receiver and repeating the link set-up process		

Distributed by:
TechBrands by Electus Distribution Pty Ltd
320 Victoria Rd
Rydalmere NSW 2116 Australia
Ph: 1300 738 555
Int'l:+61 2 8832 3200
Fax: 1300 738 500
www.techbrands.com



Digital 2.4GHz HDMI AV Sender/Receiver USER GUIDE AR-1871

This device is designed to transmit HD video and audio signals from your HD equipment to your HD TV without the use of wires. Use a HDMI lead to connect the transmitter to your High Definition device, such as a Cable/ Satellite Box, HD Set-Top Box, Blue-Ray DVD Player, or Game Console. Use a second HDMI lead to connect the receiver to your HDTV or HD monitor and you're ready to go.

Feature:

- High 1080p resolution transmits crystal clear video without messy cables
- High photo frame rate brings smooth wireless video reception
- Security ID coded communication ensures privacy
- Digital wireless technology avoid interference
- Simple and quick installations enable DIY market



Pack Contents

- 1x HDMI Transmitter
- 1x HDMI Receiver
- 2 x HDMI Lead

- 2x DC Power Adaptors
- 1x Infra Red Transmitter Eye

Safety Instructions

Do not use close to refrigerators, washing machines and metal furniture. Place on a stable surface and make sure connecting wires are routed to minimize the chance of accidents.

Avoid exposing your equipment to harsh conditions such as wet or damp places, high humidity, strong vibration, extremely high or low temperatures, strong sunlight and places that are very dusty.

Do not cover or place heavy objects on the units. Make sure there is sufficient clearance around the units to allow adequate ventilation.

Never push objects into holes or ventilation slots on the unit.

To save power turn on the standby mode or unplug the power adaptors from the power sockets when you are not using the equipment.

Don't continue to use any part of this equipment if you have spilt liquids on it, if it is damaged in any way or if it does not work normally. Immediately unplug the equipment and get expert advice.

Cleaning: disconnect the mains supply and use only a lightly dampened soft cloth. Do not use chemical solvents or strong detergents as these may damage the cosmetic finish.

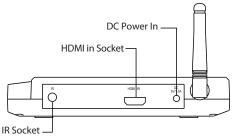
- To prevent electric shock, do not remove any cover.
- If anything goes wrong, don't try and fix it yourself, get a qualified engineer to look at it.
- Do not expose this equipment to dripping or splashing liquids.
- Never allow a naked flame on or near the equipment.
- This product is not a toy. Do not let young children play with the equipment.

Functions

Transmitter Link LED (Blue) Power LED (Red)

Front

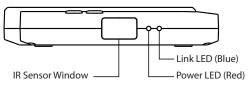
Power LED (Red) - Indicates power on Link LED (Blue) - Indicates HDMI & Wireless connection



Back

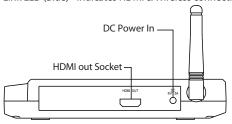
DC power Socket - To connect the power supply IR 3.5mm Socket - To connect the IR transmitter lead HDMI Socket - Connects your HD device via HDMI lead

Receiver



Front

Power LED (Red) - Indicates power on Link LED (Blue) - Indicates HDMI & Wireless connection

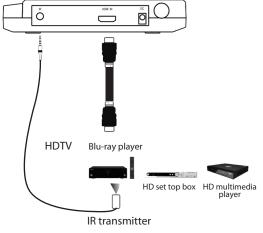


Back

DC power Socket - To connect the power supply HDMI Socket - Connects your HD device via HDMI lead

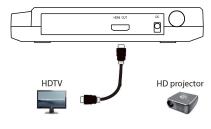
Set up

Transmitter Connections



- 1. Connect your HDMI device to the transmitter using an HDMI lead.
- 2. Plug the IR transmitter lead into the IR socket on the back of the transmitter and stick the IR receiver to the IR panel of your device.
- 3. Connect the power supply to the DC socket.

Receiver Connections



- 1. Connect your HD display to the receiver using an HDMI lead.
- 2. Connect the power supply to the DC socket.



WARNING: Do not move the Transmitter or Receiver once they are connected

Operation

- 1. Choose the signal input and output channel.
- 2. Press the Power button on the top of the transmitter and receiver to power on, the Power LED turns RED and Link LED turns BLUE and flash.
- 3. If there is signal being transmitted by the transmitter, after 5 seconds, the receiver will automatically receive the signal and play.
- 4. If it does not pair automatically, alternatively, press and hold the Link button for 2 seconds, the Link LED flashes, and then you can see paring start on the screen. The Link LED will keep on if pairing succeeds. Try again if pairing failed.
- 5. When there is no signal sent from the HD player to the Transmitter or the HD player is switched OFF, after 30 seconds, the Transmitter and receiver will automatically enter standby mode, the Link LED will flash.
- 6. When there is signal from HD player, the transmitter and receiver will automatically back to work.

Technical Specifications

General:

Operation Frequency Range	2400 ~ 2483 MHz	
Channel Switching	FHSS mode up to 80 channels	
Video Modulation/Demodulation Type	BPSK, QPSK, 16-QAM	
RF Bandwidth	12Mbps	
Transmission Range	100 metres line of sight	
Operating Ambient Temperature	0℃~+50℃	

Video Transmitter:

Supply Voltage	DC +5V
Supply Current	1.2A
Transmission Power	20 dBm
Input jack	HDMI
Antenna Gain	5 dBi
Dimension	approx. 115 * 116 * 26 (mm)

Video Receiver:

	Supply Voltage	DC +5V		
	Supply Current	0.55A		
	Sensitivity	-80 dBm		
	Output Image Resolution	720p	1080p	
	Output Frame Rate	25 fps		
Ì	Output jack	HDMI		
ĺ	Antenna Gain	5 dBi		
ĺ	Dimension	approx. 118 * 78 * 32	approx. 118 * 78 * 32 (mm)	