

PureLink

digital solutions



SAFETY WARNINGS

- To prevent short circuits, this product should only be used inside and only in dry spaces. Do not expose the components to rain or moisture. Do not use the product close to a bath, swimming pool etc.
- Do not expose the components of your systems to extremely high temperatures or bright light sources.
- In case of improper usage or if you have altered and repaired the product yourself, all guarantees expire. PureLink does not accept responsibility in the case of improper usage of the product or when the product is used for purposes other than specified. PureLink does not accept responsibility for additional damage other than covered by the legal product responsibility.
- This product is not a toy. Keep out of reach of children.
- Do not open the product: the device may contain live parts. The product should only be repaired or serviced by a qualified expert.
- Only connect the adapter to the mains after checking whether the mains voltage is the same as the values on the identification tags. Never connect an adapter or power cord when it is damaged. In that case, contact your supplier.

1. INTRODUCTION

Congratulations on your purchase of the PureLink CSW110, which allows you to send a connected HD signal wirelessly to your HDTV or HD projector.

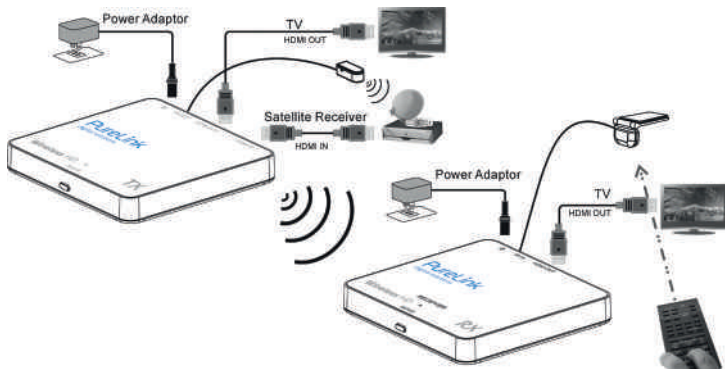
Examples of HD devices: Blu-ray players, HD set-top boxes, PlayStation4, XboxOne, etc. The CSW110 supports FullHD resolutions up to 1080p and all 3D formats. The inbuilt loop-through function (HDMI out) of the transmitter means that you can watch the same content on the 1st as on the 2nd HDTV or the HD projector (via receiver). The inbuilt infrared extender function allows you to operate HD equipment using your own remote control, even if it is kept in a closed cabinet!

PureLink products are manufactured with the utmost precision and of top quality. Please read this manual carefully and follow the instructions in order to get the very results from this product.

2. PACKAGE CONTENT

- 1x PureLink CSW110 Transmitter (TX)
- 1x PureLink CSW110 Receiver (RX)
- 1x IR Receiver
- 1x IR Emitter
- 2x Power adapter 5V1A (Micro USB)
- 1x Manual
- 1x Screw Set
- 1x Wall Mount

3. CONNECTION



Step 1:

Use an HDMI cable to connect the HDMI IN of the CSW110 transmitter with a source device. You can use another HDMI cable to connect the HDMI OUT to a display (Loop-Through).

Step 2:

Use an HDMI cable to connect the HDMI OUT of CSW110 receiver to a display device.

Step 3:

(Skip this step if you don't need IR Extension) Connect the IR emitter to the CSW110 transmitter. Then place the emitter in front of the source device's IR receiver. Connect the IR receiver to the CSW110 receiver. Then place the receiver probe in place, accessible for your remote control.

Step 4:

Connect a DC 5V1A power adaptor to the power jack (MicroUSB) of the CSW110 transmitter.

Step 5:

Connect the other DC 5V1A power adaptor to the power jack (MicroUSB) of the CSW110 receiver.

Step 6:

To pair receiver and transmitter, press the MODE key on the receiver's box and then press the MODE key on the transmitter.

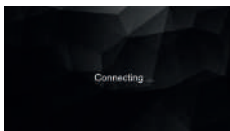
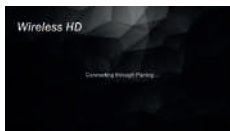
4. OPERATION

A. Installation

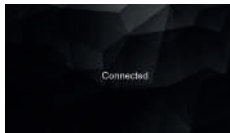
1. Make sure your input AC voltage is compliant with to the adapter specifications.
2. Only use the power adapters provided with the CSW110. If you use your own adapter, make sure the power output is 5V DC, 1A centre positive.
3. In a direct line-of-sight, the maximum range of A/V signal transmission can reach up to about 30 meters. This distance can be shortened by obstacles or walls placed between transmitter and receiver. The optimum indoor range is under 30m.
4. To ensure a good infrared remote control operation, aim your remote control at the IR receiver of the CSW110 and press the buttons firmly. For some remote controls it may be necessary to press and hold each button for about a second. The working angle of the IR receiver is +/- 15°.
5. The remote controller has to be used within the distance of 0.3m - 5m at a working angle of +/- 15°.

B. Transmitter & Receiver Pairing MODE

1. First press the "MODE" button on the receiver's box.
2. You will see a message "Connecting through Pairing ..." on screen.
3. Then press the "MODE" button on the transmitter's box.



4. Wait for a few seconds for auto connection.



C. IR Extending Function

1. Make sure the IR emitter has been installed properly on the transmitter's box.
 2. Make sure the IR receiver has been installed properly on the receiver's box.
 3. Use the remote control of your source device to control the source from the receiver's box.
- NOTE: Please do not cover CSW110 transmitter and receiver with any object! Those objects can block the air circulation and cause serious defects and injuries. The warranty will also be void.**

5. FREQUENTLY ASKED QUESTIONS

1. When there is no picture presented:

Make sure the direct connection from the source device to the sink device works properly. Check if all connectors are connected well; check if all cables can support the transmission speed. High Speed HDMI cables from PureLink are recommended. Unplug the power cable to restart CSW110.

2. When there is no sound:

First, try to adjust the volume of the connected sink device (TV). Check cable connection to see if it works properly. Check cable to see if it supports video transmission only (DVI) or not. The HDCP encryption may not match very well at first connection; please unplug the power cable to restart CSW110.

3. When there is no 3D effect (Only for 3D hardware):

Make sure the 3D function of the 3D sink device is activated (set to AUTO or 3D ON). Make sure the 3D function of the 3D source device is activated (set to AUTO or 3D ON). Make sure that the power of the shutter glasses (if active 3D) is on. Check the power of CSW110.

4. If the image is unstable or a snowing image shows on screen:

You might get interference from other wireless devices or heavy voltage sources inside the room (ex. WiFi Router, Microwave, air conditioner). Please keep CSW110 away from those sources of interference. The wireless transmission distance may be too far or blocked by a wall or another object. Please place CSW110 in another location where you can get good signal and video quality. Please change the direction of transmitter and receiver to get a better connection.

5. If the wireless connection fails:

Please make sure, the power of the connected source device is turned ON. Unplug the power cable to restart CSW110.

6. IF the IR extending function is not work:

Check, if the IR emitter is connected to the CSW110 transmitter and place the emitter in front of the source device's IR receiver. The IR extending function of CSW110 works with all 30-60kHz IR remote control systems. Some IR remote control systems use other frequencies or the IR signal pulse is too short and will not work with the IR extending function.

6. TECHNICAL DATA

Resolutions

Supported HDTV resolution (HDMI)	1080p, 720p, 576p, 480p
Supported PC Resolution (max.)	Max. 1920 x 1080 px
Supported 3D formats	Frame Packing 1080p@24Hz, 720p@50/60Hz
Supported audio formats (digital)	Compressed formats, AC3, Dolby 5.1, DTS
Supported standards	HDMI, HDCP 2.0, EDID 1.3

Wireless

Operating frequency	5 GHz
Operating range	Up to 30m LOS
Latency	Max. 0.5 seconds
RF Power	Output: 10dBm max. / Receive Level -10dBm min.
Frequency Band	20MHz / 40MHz(5G)

Transmitter

HDMI input	1x
HDMI output	1x
IR extender LED	Yes
Dimensions	84.9 x 83 x 13.5mm

Receiver

HDMI output	1x
Dimensions	84.9 x 83 x 13.5

Infrared

Supported IR frequency	36kHz – 56kHz (NEC, RC5, RC6)
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Power supply

Switch mode power adapter	100-240V AC @ 50-60Hz, 5V1A DC
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The manufacturer reserves the right to make changes in the hardware, packaging, manual and any accompanying documentation without prior notice.

The terms HDMI, HDMI High-Definition Multimedia Interface and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. CSW110 incorporates HDMI® technology.

7. REQUIREMENTS / CONFORMITY

This product is compliant with the following requirements:

CE-Conformity



RED | 2014/53/EU (Radio Emission Directive)

PureLink GmbH hereby declares that the CSW110 radio communication system complies with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet address:
http://www.purelink.de/ce/4251364708026_CE.pdf

Dispose off all electronic products by taking it to your local collection point, recycling center for such equipment or your specialized dealer. The product includes hazardous material that can cause harm to health and environment when disposed off incorrectly.
Please help to protect the environment in which we all live.

The respective declarations are available on request from your dealer / reseller. For any questions regarding regulatory compliance of our products, contact your dealer or reseller. Before putting the product into operation please observe the respective country-specific regulations!



Environmental Information for customers in the European Union

European Directive 2012/19/EU requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed off separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service or the shop where you purchased the product.