

Troubleshooting

Problem	Solution
Transmitter and receiver can not be connected?	<ol style="list-style-type: none">1. Check that the wireless connection LED is flashing properly.2. Restart the transmitter and / or receiver.3. Reconnect the HDMI cable or try again with another HDMI cable.4. Please change the position of transmitter and receiver and make sure that the devices are within the signal range.
The wireless LED display of the transmitter is off and on the display device no signal is output.	<ol style="list-style-type: none">1. Please check if there is an HDMI signal input of the transmitter.2. Try connecting the HDMI source directly to the playback device to see if a signal is coming from the source device, or change the source resolution (480p, 576p, 720p, 1080p) and try again.
The playback is not fluent and stable.	<ol style="list-style-type: none">1. Please change the location of transmitter and receiver and make sure that the device is within the signal range.2. Restart the transmitter / receiver.3. Reconnect the HDMI cable.4. Remove other interference in the radio signal and reduce any obstacles.

Specifications

General features

- Video resolution: 480p @ 60Hz, 576p @ 50Hz, 720p @ 50 / 60Hz, 1080p @ 50 / 60Hz
- Audio support: Stereo (L/R)
- Max. Transfer rate: 10.2 Gbps
- Input and output TMDS signal: 0.7 ~ 1.2 Vp-p
- Input and output DDC signal: 5 Vp-p (TTL)
- HDMI 1.3 (fully compatible with HDCP 1.2)
- Transmission method: 5 GHz (wireless)
- Transmission range up to 15 meters
- Overload delay: < 200 ms
- Protection Level:
 - 1a contact discharge level 3
 - 1b air delivery level 3
- Standard: IEC -61000-4-2
- Operating temperature: 0° C ~ 40° C
- Storage temperature: -20° C ~ 70° C
- Power supply: DC 5 V, 1A (via HDMI or Micro-USB)
- Power consumption transmitter: 2.5 watts
- Power consumption receiver: 2 watts

Transmitter

- HDMI-output
- Micro-USB (for optional power supply)
- Dimensions (W/H/D): 39 x 15 x 88 mm
- Weight: 27 g

Receiver

- HDMI-input
- Micro-USB (for optional power supply)
- Dimensions (W/H/D): 39 x 15 x 88 mm
- Weight: 27 g

Conformity information

Hereby, Megasat Werke GmbH declares that the following product is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU (EMC), 2014/35/EU (LVD) and 2014/53/EU (RED):

Megasat HDMI Extender Mini (Art-No. 900178)

The declaration of conformity for this product is located at the company: Megasat Werke GmbH, Industriestraße 4a, D-97618 Niederlauer

The declaration of conformity can be downloaded from our homepage: www.megasat.tv/support/downloads

Megasat Werke GmbH
Industriestraße 4a
D-97618 Niederlauer

Version 1.1 (March 2019)
Technical changes, misprints
and errors reserved.



MEGASAT



HDMI Extender Mini
user manual

Safety instructions

Please read the following safety instructions carefully before installation and operation:

1. Please observe all warnings and notes regarding this device.
2. The device must not be exposed to dripping, splashing or other liquids.
3. Do not let children play with transparencies or other packaging, there is a risk of suffocation.
4. Do not remove the case to avoid the risk of electric shock. Contact qualified and licensed service personnel to repair the unit or contact your dealer.
5. Keep the ventilation slots on the top of the device free to allow sufficient air circulation in the device. Do not expose the device to direct sunlight or other sources of heat, such as a heater off.

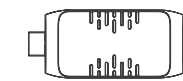
Introduction

The HDMI Extender Mini includes a transmitter unit and a receiver unit. It allows wireless transmission and expansion of the HDMI signal up to a distance of 15 meters. The extenders have a strong interference suppression capability at an operating frequency of 5 GHz and support point-to-point connections. A perfect solution for meetings, conferences, home entertainment and multimedia applications.

Note:

1. The transmission range depends on the respective building environment.
2. Walls, ceilings or glass reduce the range of signal coverage or cause excessive signal loss.

Delivery



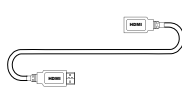
1x HDMI Extender Mini (Transmitter)



1x HDMI Extender Mini (Receiver)



2x USB to Micro-USB cable



2x HDMI extension



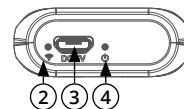
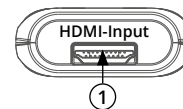
1x manual

Installation requirements

1. HDMI source device (DVD player, receiver, notebook, etc.)
2. HDMI playback device such. B. TV or projector.
3. Check the HDMI resolution of your playback device for one of the following values: 480p, 576p, 720p, 1080p. Resolutions with „interpolated“ (e.g. 1080i) are not supported.
4. Connect the respective extender to the HDMI connections of the source and playback device.
5. For power, connect the receiver extender to the micro USB cable and the USB port on the playback device. The transmitter extender is usually powered by the HDMI output of the source device.
6. Note: If you have no option to power the extenders via USB, you can also use a suitable power supply (DC 5 V, 1A).

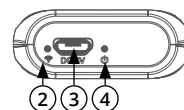
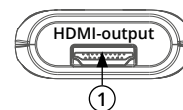
Descriptions

Transmitter



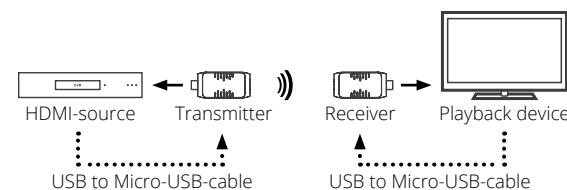
1	HDMI-input	Connection to the HDMI source
2	Connection-LED	LED lights up when the device is plugged in. LED flashes slowly when connected. LED flashes quickly when data is being transferred.
3	Micro-USB	Connecting the power supply with the USB to micro USB cable.
4	Operation-LED	LED lights up when the power is on.

Receiver



1	HDMI-output	Connection to the playback device
2	Connection-LED	LED flashes slowly when no data is being transferred. LED flashes quickly when data is being transferred.
3	Micro-USB	Connecting the power supply with the USB to micro USB cable.
4	Operation-LED	LED lights up when the power is on.

Connection



1. Connect the transmitter to the HDMI source device. Optionally, you can use the HDMI extension.
2. Connect the receiver to the HDMI playback device. Optionally, you can use the HDMI extension.
3. Turn on the HDMI source device and HDMI playback device. Then the LED on the transmitter and receiver lights up. The connection is established automatically. **Make sure that the correct HDMI input is selected on the playback device!**

Note:

1. If the radio signal is transmitted through walls, glass or other obstacles, this will result in signal loss. Please operate the devices in an environment with few obstacles.
2. If there is an obstacle between the transmitter and the receiver, especially if the player is housed in a metal case, please use the HDMI extension (male / female) to connect the receiver to the playback device and to ensure that the transmitter stably connects to the receiver.
3. The radio signal of other nearby devices may affect the transmission (e.g. microwave, wireless keyboard or mouse or wireless phones).