

HDTV Anywhere™



USER MANUAL

3

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. Marmitek does not accept responsibility in the case of improper usage of the product or when the product is used for purposes other than specified. Marmitek 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 HDTV Anywhere™! Use your existing power network to watch HDTV elsewhere in your home. It allows you, for example, to watch TV or a film in your bedroom, study or another room, without laying any cabling. You can connect up to 2 HD devices and transmit the HD signal wirelessly to a second HDTV or HD projector in another room, and also continue to operate them remotely. It allows you to connect a TV or projector to both the HDTV transmitter and the HDTV receiver, enabling you to watch the same content in two different rooms.

Marmitek products are manufactured with the utmost precision and are of high quality. Please read this user manual first and follow the instructions so you can make the most of this product's capabilities.

2. PACKAGE CONTENTS

1x HDTV transmitter	2x AAA batteries
1x HDTV receiver	1x IR receiver cable
1x remote	1x IR blaster cable with 1 LED
2x HDMI cables	2x plugs + screws
2x power cables	1x user manual

3. PRODUCT CHARACTERISTICS

- The best solution for positioning your TV anywhere in your home!
- Watch TV programmes, films and photos from your HDMI device elsewhere in your home, right on your TV/projection screen, in Full HD quality.
- Connect up to two HDMI sources and transmit the signal wirelessly.
- Any available extra functions such as Video on Demand, Pay TV, Electronic Program Guide, Time Shift and Digital Video Recorder (DVR) remain remotely available and controllable.
- Plug & Play! Uses your existing power network and eliminates the need to lay cables.
- Unique SmartLink technology ensures coverage throughout your home.
- Operate your connected A/V equipment remotely, using the infrared return feature.
- The HDMI splitter built into the transmitter allows you to continue to watch any connected equipment locally as well.
- 100% HDCP compliant.

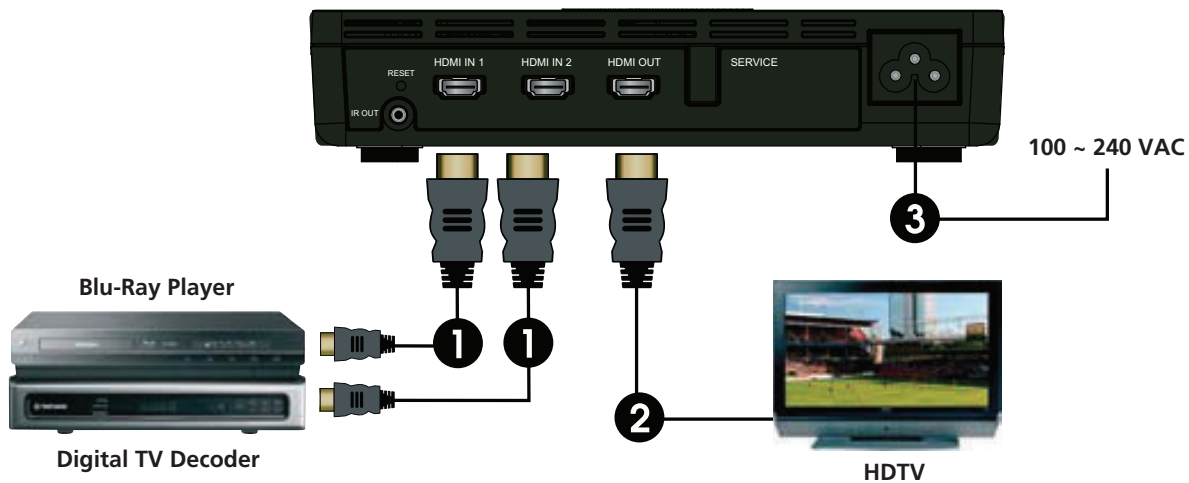
4. INSTALLATION

4.1 Preparations

- Deactivate all devices prior to the installation.
- Preferably use grounded outlets to connect the HDTV transmitter and receiver. If either of the two is connected to a non-grounded outlet, a standard connection will be created without SmartLink technology.
- If possible, connect the HDTV transmitter and receiver directly to a wall outlet and avoid using a power strip and extension cord, since these may seriously weaken the signal.

4.2 Connecting the HDTV transmitter

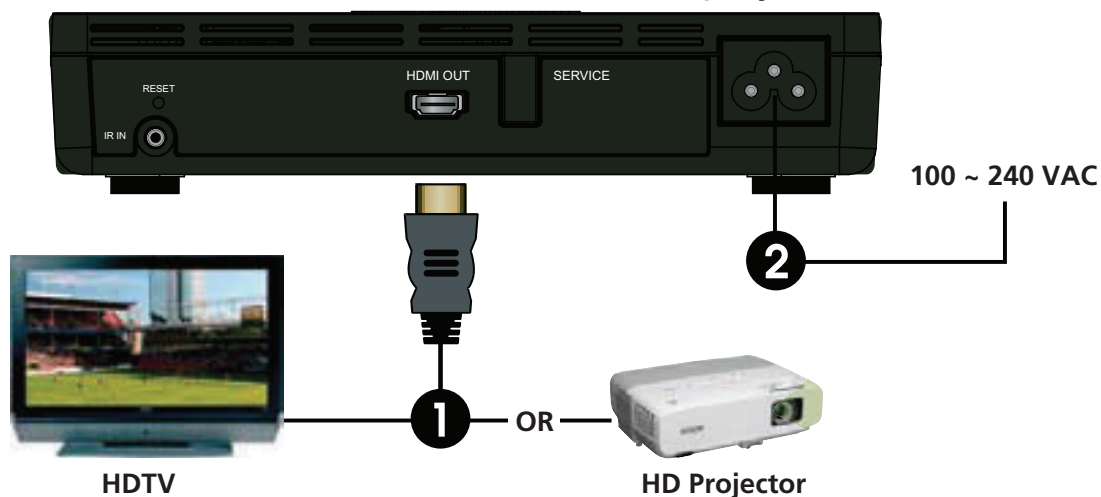
The HDTV transmitter uses the power network to send the HD signal wirelessly to the HDTV receiver in another room. This requires you to place the HDTV transmitter close to your HD devices (e.g. a digital TV decoder, Blu-ray player, Media Center PC or hard disk recorder).



1. Connect up to 2 HD devices to the HDTV transmitter [1] using an HDMI cable at HDMI IN.
2. Optionally: Connect an HDTV to the HDTV transmitter [2] at HDMI OUT to continue to watch TV in this room as well.
3. Connect the supplied power cable to the HDTV transmitter [3] and plug it into the socket.

4.3 Connecting the HDTV receiver

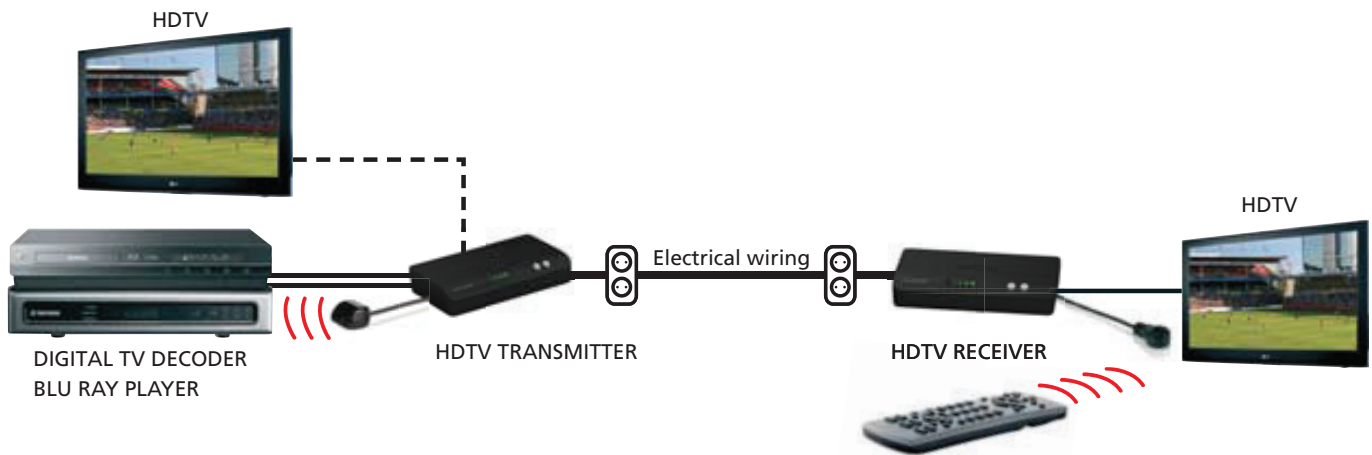
Place the HDTV receiver in the room (bedroom, study or other room) where you want to connect the second HDTV or HD projector.



1. Connect your HDTV or HD projector to the HDTV receiver [1] using an HDMI cable at HDMI OUT.
2. Connect the supplied power cable to the HDTV receiver [2] and plug it into the socket.

4.4 Connecting infra-red return

The HDTV Anywhere™ has a built-in "infra-red return feature" that allows you to operate the connected HD devices from another room.



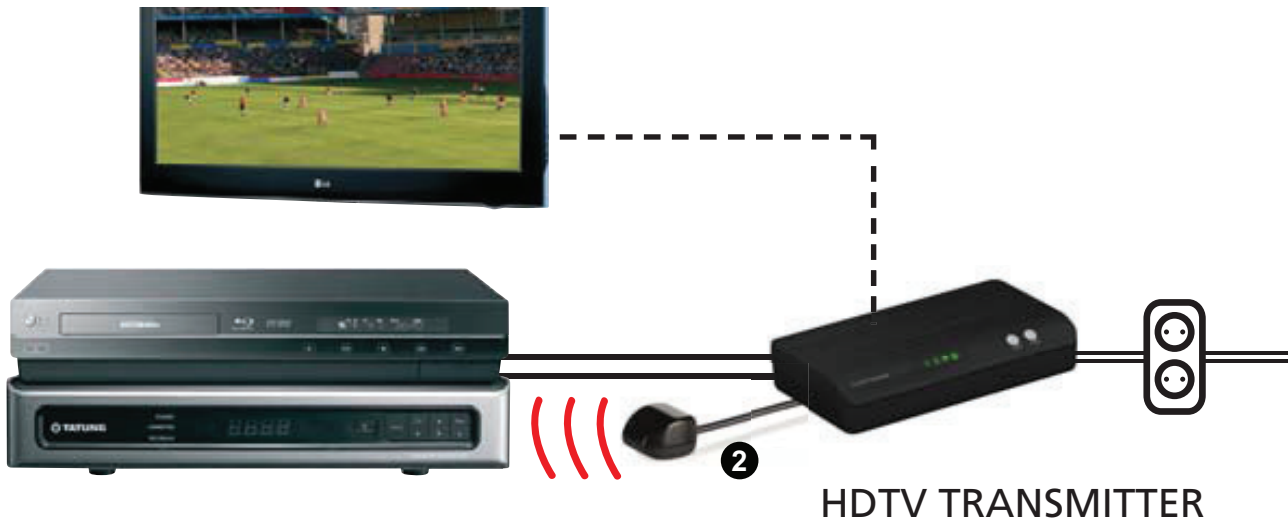
1. Connect the IR receiver to the HDTV receiver [IR IN].



- Not necessary when the HDTV receiver is within line of sight.
- Position the IR receiver within line of sight from your (infra-red) remote control, allowing it to receive the transmitted commands (up to 6 metres).
- The most logical place for the IR receiver is in the vicinity of your HDTV or HD projector.
- Using the supplied adhesive strip, placement is possible virtually anywhere.
- Please experiment to find the correct position before permanently attaching the IR receiver.

Please note! The adhesive strip may cause discolouration on certain surfaces, or may leave adhesive residue when removed.

2. Connect the IR blaster cable to the HDTV transmitter [IR OUT].



- Attach the IR blaster LED close to the HD equipment.
- When positioned correctly, the IR blaster LED can operate all HD devices within the same compartment of a cabinet (up to 2 metres).
- Please experiment to find the correct position before permanently attaching the IR blaster LED.

Please note! The adhesive strip may cause discolouration on certain surfaces, or may leave adhesive residue when removed.

5. USE

5.1 The HDTV transmitter and receiver



1. POWER button: switches the HDTV transmitter/receiver ON or OFF

2. SOURCE button: switches between two connected HD devices

3. POWER LED

- Green: HDTV transmitter/receiver is ON
- Red: HDTV transmitter/receiver is in STANDBY mode
- Off: HDTV transmitter/receiver is OFF

4. SIGNAL LED

- Green: perfect connection between HDTV transmitter and receiver
- Blinking green: adequate connection between HDTV transmitter and receiver
- Off: No connection between HDTV transmitter and receiver

5. SOURCE LED

- Green: indicates which HDMI input has been selected

5.2 The HDTV remote control

1. Insert the two supplied AAA batteries into the remote control.
2. STANDBY button: switches the HDTV transmitter/receiver to STANDBY mode or ON
3. SOURCE button: selects the desired HD device

5.3 Using the HDTV transmitter and receiver

1. Switch the HDTV or HD projector ON and select the HDMI input to which the HDTV receiver is connected. Please consult the user manual of your HDTV or HD projector if necessary.
2. Press the POWER button on the HDTV transmitter or receiver to switch it ON.
3. During system start-up, the HDTV transmitter and receiver will try to establish a connection (SIGNAL LED flashes green). This may take 15-20 seconds.
4. If the HDTV transmitter and receiver are connected, the POWER and SIGNAL LEDs will turn green.
5. Switch your HD device ON and use the SOURCE button to select the appropriate HDMI input.
6. You can now receive audio and video in Full HD 1080p quality on the HDTV and/or HD projector connected to your HDTV transmitter and receiver.
7. Point your HD device's remote control towards the HDTV receiver (or IR receiver) in order to operate your equipment from this room.

5.4 Standby mode

- From the Standby mode (POWER LED is red), the HDTV transmitter and receiver will automatically switch ON when an HDTV or HD projector is switched ON.
- The HDTV transmitter and receiver will switch to Standby mode automatically a few minutes after the HDTV or HD projector is switched OFF.

6. FAQ

No picture or sound on your HDTV or HD projector

- Verify that all HDMI cables are connected properly or replace them.
- Verify that the POWER LED and SIGNAL LED are green, on both the HDTV transmitter and the receiver.
- Verify that the HD device is switched ON and the correct SOURCE has been selected.
- Verify that the HD device is set to a correct resolution (408p, 576p, 720p, 1080i or 1080p).
- Remove the power cable from the power outlet for 30 seconds and re-insert it to restart the HDTV Anywhere.

No or poor connection between HDTV transmitter and receiver

- If possible, connect both power cables to a grounded outlet. The SmartLink technology uses 3 wires from your power network (phase, neutral and earth) and therefore increases the range and performance.
- Preferably avoid using a power strip or extension cable when connecting the HDTV transmitter and receiver.
- If possible, please try another outlet in the same room to check if this improves signal quality. The HDTV transmitter and receiver work best when you use them in the same phase of your power network.
- Try to avoid potential interference sources such as phone chargers, halogen lights, energy saving lamps and vacuum cleaners in the vicinity of the HD transmitter and receiver as much as possible, since these can seriously weaken the signal.
- Remove the power cable from the power outlet for 30 seconds and re-insert it to restart the HDTV Anywhere.

The IR return signal does not function

- Make sure that the IR receiver and IR blaster cable are connected correctly.
- Experiment with the location of the IR receiver and blaster cable.

7. TECHNICAL INFORMATION

Resolutions

Supported resolutions	1080p@60/50Hz, 1080i, 720p, 576p, 480p
Supported audio	PCM, up to 3Mbps

Technology

Power network	SmartLink PLC with 500Mbps PHY rate
Video compression	H.264
Latency (delay)	< 260ms
Quality of Service	Smart QoS for video streaming
Range	max. 300 metres with SmartLink max. 200 metres without SmartLink

Transmitter

HDMI input	2x HDMI (19-pin female)
HDMI output	1x HDMI (19-pin female)
IR return function	1x IR output
Dimensions	182 x 97 x 32mm

Receiver

HDMI output	1x HDMI (19-pin female)
IR return function	1x IR input
Dimensions	182 x 97 x 32mm

Infrared return function

Supported IR frequency	30kHz – 60kHz
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Power

Input power	100 ~ 240VAC @50/60Hz
Power consumption	ON 6 Watt Standby 4.2 Watt

Specifications may change without prior notice.

DECLARATION OF CONFORMITY

Hereby, Marmitek BV, declares that this HDTV Anywhere™ is in compliance with the essential requirements and other relevant provisions of the following Directives:

Directive 2004/108/ec of the european parliament and of the council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility

Directive 2006/95/EC of the European Parliament and of the Council of 12 December 2006 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits

Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Commission Regulation (EC) No 278/2009 of 6 April 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies



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Environmental Information for Customers in the European Union

European Directive 2002/96/EC 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 of 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.

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