



AC7810

**HDMI extender set 60m single CAT5e/6,
with 3D and IR support**

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Manual

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1.0 Introduction

Congratulations with the purchase of this high-quality ACT product! This product has undergone extensive testing by ACT's technical experts. Should you experience any problems with this product, you are covered by ACT warranty. Please keep this manual and the receipt in a safe place.

Register your product now on www.act-connectivity.com and receive product updates!

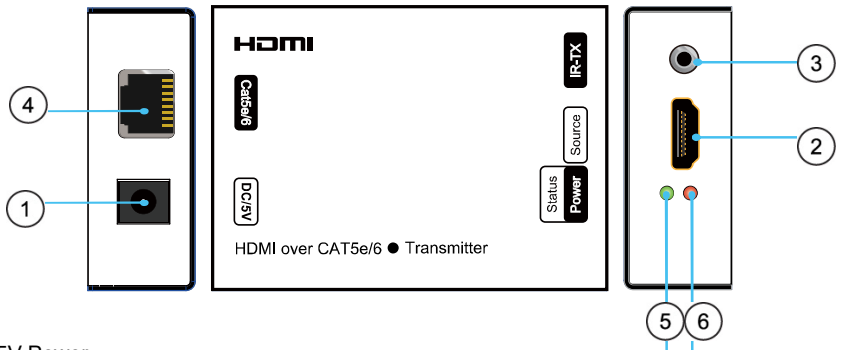
1.1 Packing contents

The following parts need to be present in the packing:

- HDMI receiver + IR receiver cable (rx)
- HDMI transmitter + IR emitter cable (tx)
- 2x Power supply DC 5V 1A

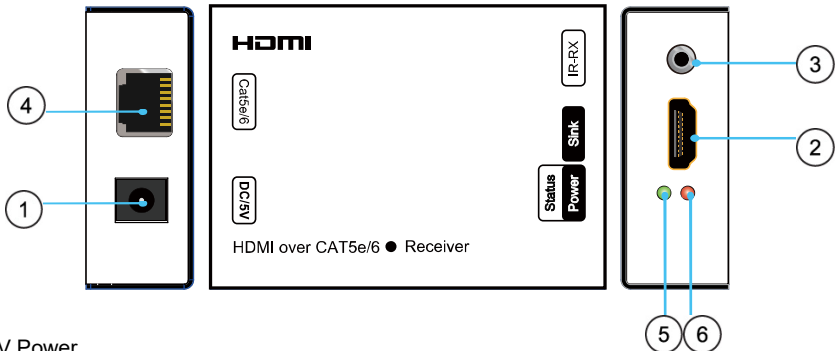
2.0 Panel Descriptions

Transmitter Panel



1. DC5V Power.
2. HDMI input. (Source)
3. IR-TX. (Transmitter)
4. Cat5e/6 RJ45 output port.
5. Connection indicator.
6. Power indicator.

Receiver Panel



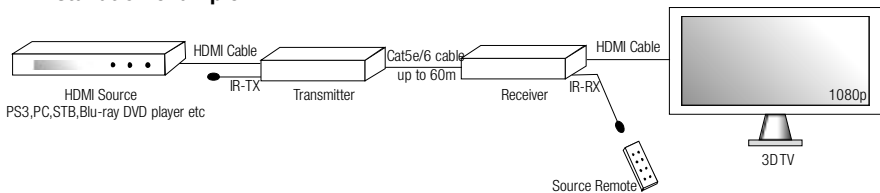
1. DC5V Power.
2. HDMI output. (Receiver)
3. IR-RX. (Receiver)
4. Cat5e/6 RJ45 input port.
5. Connection indicator.
6. Power indicator.

3.0 Installation instructions

Because of the built-in EDID protocol, you need to make sure that all connected devices are powered before the HDMI extender is switched on.

1. Connect the HDMI input source (such as Media player, BD/DVD player etc.) to the transmitter unit using a HDMI cable.
2. Connect the Cat5e/6 output of the transmitter to the Cat5e/6 input of the receiver using a CAT5E or CAT6 cable with a maximum length of 60m.
3. Connect the HDMI display device (such as HDTV) to the HDMI output port.
4. Connect the IR TX cable to "IR TX" port of the transmitter; Connect the IR RX cable to "IR RX" port of the receiver.
5. Connect the DC side from one power adapter in to the transmitter unit and one power adapter into receiver unit and connect the AC side of both the power supply into the wall outlet.

Installation example.



3.1 EDID

EDID can read the "Extended Display Identification Data" information from the connected display devices. EDID is a data structure provided by digital displays to describe its capabilities to a video source. It enables a personal computer to know what kind of monitor is connected to it and thus the capabilities of the identified monitor

4.0 Frequently Asked Questions and other related information

The latest Frequently asked questions for your product can be found on the **support** page of your product. ACT will update these pages frequently to assure you have the most recent information. Visit www.act-connectivity.com for more information about your product.

5.0 Service and support

This user manual has been carefully written by ACT's technical experts. If you have problems installing or using the product, please check the **support** link at the website www.act-connectivity.com.

6.0 Warning and points of attention



Due to laws, directives and regulations set out by the European parliament, some (wireless) devices could be subject to limitations concerning its use in certain European member states. In certain European member states the use of such devices could be prohibited. Contact your (local) government for more information about this limitations.

Always follow up the instructions in the manual*, especially where it concerns devices which need to be assembled.

Warning: In most cases this concerns an electronic device. Wrong/improper use may lead to (severe) injuries!

When you connect the device to the mains, make sure it will not be damaged or subject to (high) pressure.

A power socket is needed which should be close and easy accessible from the device.

Repairing of the device should be done by qualified ACT staff. Never try to repair the device yourself. The warranty immediately voids when products have undergone self-repair and/or by misuse. For extended warranty conditions, please visit our website at www.act-connectivity.com

Dispose of the device appropriately. Please follow your countries regulation for the disposal of electronic goods.

Please check below safety points carefully:

- Do not apply external force on the cables
- Do not unplug the device by pulling the power cable

- Do not place the device near heating elements
- Do not let the device come in contact with water or other liquids
- If there is any strange sound, smoke or odor, remove the device immediately from the power outlet.
- Do not put any sharp objects into the venting hole of a product
- Do not use any damaged cables (risk of electric shock)
- Keep the product out of reach of children
- Wipe off the product with soft fabric, not water mop.
- Keep the power plug and outlet clean
- Do not unplug the device from the power outlet with wet hands
- Unplug the device when you don't use it for a long time
- Use the device at a well ventilated place

**Tip: ACT manuals are written with great care. However, due to new technological developments it can happen that a printed manual does not longer contain the most recent information. If you are experiencing any problems with the printed manual or you cannot find what you are looking for, please always check our website www.act-connectivity.com first for the newest updated manual.*

*Frequently asked questions (FAQ). Consult **support** on our website www.act-connectivity.com and see if you can find the right information about your product here. It is highly advisable to consult the FAQ section first, the answer is often here.*

7.0 Warranty conditions

The ACT warranty applies to all ACT products. After buying a second-hand ACT product the remaining period of warranty is measured from the moment of purchase by the product's initial owner. ACT warranty applies to all ACT products and parts, indissolubly connected or mounted to the product it concerns. Power supply adapters, batteries, antennas and all other products not directly integrated in or connected to the main product or products of which, without reasonable doubt, can be assumed that wear and tear during use will show a different pattern than the main product, are not covered by the ACT warranty. Products are not covered by the ACT warranty when exposed to incorrect/improper use, external influences or when opening the service parts of the product by parties other than ACT. ACT may use refurbished materials for repair or replacement of your defective product. ACT cannot be held responsible for changes in network settings by internet providers. We cannot guarantee that the ACT networking product will keep working when settings are changed by the internet providers. ACT cannot guarantee the working of web services, apps and other third party content that is available through ACT products

When my product gets defective

Should you encounter a product rendered defective for reasons other than described above: Please contact your point of purchase for taking care of your defective product.