

# HDMI Signal Booster - 4K

HDBOOST4K



\*actual product may vary from photos

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For the latest information, technical specifications, and support for this product, please visit [www.StarTech.com/HDBOOST4K](http://www.StarTech.com/HDBOOST4K).

## **FCC Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

## **Industry Canada Statement**

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [B] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (B)/NMB-3(B)

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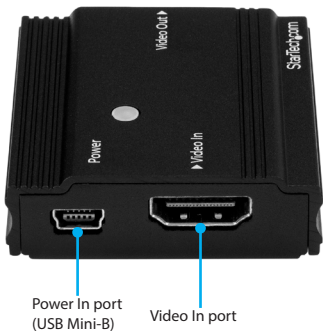
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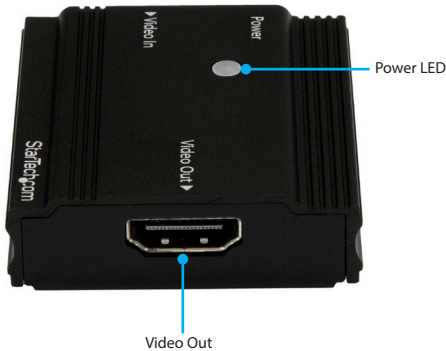
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# Product diagram

## Front view



## Rear view



# Introduction

This 4K HDMI® signal booster lets you increase the signal strength of your HDMI video source so that it can travel greater distances. Using standard HDMI cables, you can achieve resolutions up to 4K at 60Hz at distances of up to 30 ft. (10 m). The booster also supports distances up to 115 ft. (35 m) at 1080p 60Hz resolution.

## Packaging contents

- 1 x HDMI signal booster
- 1 x 5 ft [1.5 m] USB power cable

## System requirements

- 1 x HDMI video source
- 1 x HDMI cable up to 50 ft. in length, to connect from your source to the booster
- 1 x HDMI cable up to 65 ft. in length, to connect from the booster to your display
- 1 x HDMI display with cabling

# Installation

## Important installation notes:

- Maximum supported resolution varies depending on your extension distance.
  - The HDMI cable connected to your video source must be shorter than or equal to the length of the cable connected to your display.
  - The maximum supported video source cable length is 115 ft. (35 m).
  - The maximum supported display cable length is 50 ft. (15 m).
  - Ensure your video source and display are turned off before you begin installation.
  - While the HDMI booster has a power adapter port, no power adapter is required. However, if you're using a low-powered HDMI source such as the HDMI output on a Mac Mini computer, the use of a power adapter may improve the signal distance.
1. Determine where you'd like your video source to be located and set up your HDMI video source as instructed by the documentation included with it.
  2. Determine where you'd like your display to be located (within 115 ft. from your video source) and set up your HDMI display for use as instructed by the documentation included with it.
  3. Connect an HDMI cable, up to 50 ft. in length (sold separately), to the output of your video source and to the signal booster's **HDMI input** port.
  4. Connect an HDMI cable, up to 65 ft. in length (sold separately), to the signal booster's **HDMI output** port and to the HDMI input on your display.
  5. Turn on your HDMI video source and your HDMI display. Your video source will now be shown on the display.

# Supported resolutions and cable lengths

Reference the table below for supported resolutions and cable lengths.

Cable length from source	Cable length to display	Total cable length	Maximum resolution
50 ft. (15 m)	65 ft. (20 m)	115 ft. (35 m)	1080p (60Hz) - 1920 x 1080
32 ft. (10 m)	50 ft. (15 m)	82 ft. (25 m)	4K (30Hz) - 3840 x 2160
15 ft. (5 m)	15 ft. (5 m)	30 ft. (10 m)	4K (60Hz) - 3840 x 2160

## LED indicator

The HDMI booster features an LED indicator that communicates the booster's operating status. Review the chart below to determine the significance of the LED status.

LED	Behavior	Significance
Power LED	The LED is illuminated.	The HDMI signal booster has power.

# Specifications

Warranty	2 years
Audio specifications	7.1 surround sound
Maximum distance	115 ft. (35m) (Up to 1080p)
Maximum resolution	3840 x 2160 (60Hz) at up to 30 ft. (10 m) 3840 x 2160 (30Hz) at up to 82 ft. (25 m) 1020 x 1080 (60 Hz) at up to 115 ft. (35 m)
Supported resolutions	3840 x 2160 (4K), 1920 x 1080, 1680 x 1050, 1600 x 900, 1440 x 900, 1360 x 768, 1280 x 800, 1280 x 768, 1280 x 720
Connector(s)	Input: 1 x HDMI (19 pin) Female Output: 1 x HDMI (19 pin) Female
Indicators	1 x power LED (blue) 1 x video source LED (blue)
Environmental	Humidity: 5% to 90% Operating temperature: 0°C to 70°C (32°F to 158°F) Storage temperature: -10°C to 80°C (14°F to 176°F)



# Technical support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **[www.startech.com/support](http://www.startech.com/support)** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **[www.startech.com/downloads](http://www.startech.com/downloads)**

## Warranty information

This product is backed by a two-year warranty.

StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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