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DisplayPort Signal Booster - 4K

DPBOOST



*actual product may vary from photos

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IT: Guida per l'uso - it.startech.com

For the latest information, technical specifications, and support for this product, please visit www.StarTech.com/DPBOOST

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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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Table of Contents

Product diagram 1
- Front view 1
- Rear view 1

Introduction 2
- Packaging contents 2
- System requirements 2

Installation 3

Adjusting the signal amplification 4

LED indicators 4

Specifications 5

Technical support 6

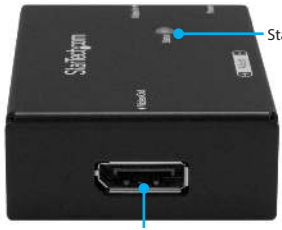
Warranty information 6

Product diagram

Front View



Rear view



Side view



Package contents

- 1 x DisplayPort signal booster
- 1 x power adapter
- 1 x USB power cable
- 4 x rubber feet

System requirements

- 1 x DisplayPort video source
- 1 x DisplayPort cable up to 50 ft. in length, to connect from your source to the booster
- 1 x DisplayPort cable up to 15 ft. in length, to connect from the booster to your display
- 1 x DisplayPort display

Installation

Important installation notes:

- Maximum supported resolution varies depending on your extension distance.
- The DisplayPort cable connected to your display must be shorter than or equal to the length of the cable connected to your video source.
- The maximum supported video source cable length is 50 ft. (15 m).
- The maximum supported display cable length is 15 ft. (5 m).
- Ensure your video source and display are turned off before you begin installation.
- Ensure the DisplayPort booster will be situated near an AC outlet or a USB power source.

1. Determine where you'd like your video source to be located and set up your DisplayPort video source as instructed by the documentation included with it.

2. Determine where you'd like your display to be located (within 65 ft. from your video source) and set up your DisplayPort display for use as instructed by the documentation included with it.

3. Connect a DisplayPort cable, up to 50 ft. in length (sold separately), to the output of your video source and to the signal booster's Video In port.

4. Connect a DisplayPort cable, up to 15 ft. in length (sold separately), to the signal booster's Video out port and to the DisplayPort input on your display.

5. Connect the USB power cable to the Power port on the DisplayPort booster and to the power adapter, or other USB power source.

   Note: If you're using the included power adapter, connect the power adapter to an AC power outlet.

6. Turn on your DisplayPort video source and your DisplayPort 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)	15 ft. (5 m)	65 ft. (20 m)	1080p (60Hz) - 1920 x 1080
26 ft. (8 m)	16 ft. (5 m)	42 ft. (13 m)	4K (30Hz) - 3840 x 2160
16 ft. (5 m)	6 ft. (2 m)	22 ft. (7 m)	4K (60Hz) - 3840 x 2160

Change your signal equalization using Adjust controls

The DisplayPort booster features an equalization switch with ten different settings. You can use the switch to adjust the amplification of your DisplayPort signal, to ensure that your DisplayPort signal is ideal, at all distances up to 65 ft. (20 m).

If you're experiencing video issues, such as no display, a blinking display or other imperfections after you've completed the installation steps, you can resolve these issues by adjusting the signal amplification.

To adjust the signal amplification:

1. Press the + Adjust control button to cycle through positions above your current setting.
2. Press the - Adjust control button to cycle through positions below your current setting.
3. Reviewing your display at each position, and leave the switch in the position that produces the best video performance.

LED indicator

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

LED	Behavior	Significance
Status LED	The LED blinks green.	The signal booster has power, but cannot establish a connection between video source and display.
	The LED illuminates solid green.	The signal booster has power and has established a connection between the video source and display.
	The LED flashes red.	One of the Adjust control buttons has been pressed.

Specifications

Warranty	2 years
Audio specifications	7.1 surround sound
Maximum distance	65 ft. (20m) (Up to 1080p)
Maximum resolution	3840 x 2160 (60Hz) at up to 22 ft. (7 m) 3840 x 2160 (30Hz) at up to 42 ft. (13 m) 1020 x 1080 (60 Hz) at up to 65 ft. (20 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 × 720
Connector(s)	Input: 1 x DisplayPort (20 pin) Female Output: 1 x DisplayPort (20 pin) Female
Indicators	1 x status LED
Environmental	Operating temperature: 0°C to 40°C (32°F to 104°F) Storage temperature: -10°C to 60°C (14°F to 140°F) Humidity: 0% ~ 80%

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** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **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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