



4K HDMI Splitter, 8-Port



Manual

DS-43303

1.0 Introduction

The 8-port 4K HDMI splitter allows sharing eight HDMI displays or projectors with an HDMI-enabled audio / video source device, such as a computer, Blu-ray player or cable TV, set-top box. With support for Ultra HD (4K) the HDMI splitter ensures astonishing picture quality, four times the resolution of high-definition 1080p. The 4K splitter is also backward compatible with previous HDMI revisions, supporting 1080p / 720p HDMI video resolution devices. Even if you don't require 4K video today, the 8 ports splitter ensures you'll be ready to take advantage of display technology in the future.

2.0 Feature

- Easy to Use: Install in seconds, no need of setting
- One HDMI Input, eight HDMI outputs
- Supports Full 3D and 4Kx2K@30Hz resolution
- Supports 340MHz/3.4Gbps per channel (10.2Gbps all channels)
- Supports 12bit per channel (36bit all channels) deep color
- Supports HDCP 1.4
- Supports uncompressed audio such as LPCM 7.1
- Supports compressed audio such as DTS Digital. Dolby Digital (including DTS-HD and Dolby True HD)

3.0 Specification

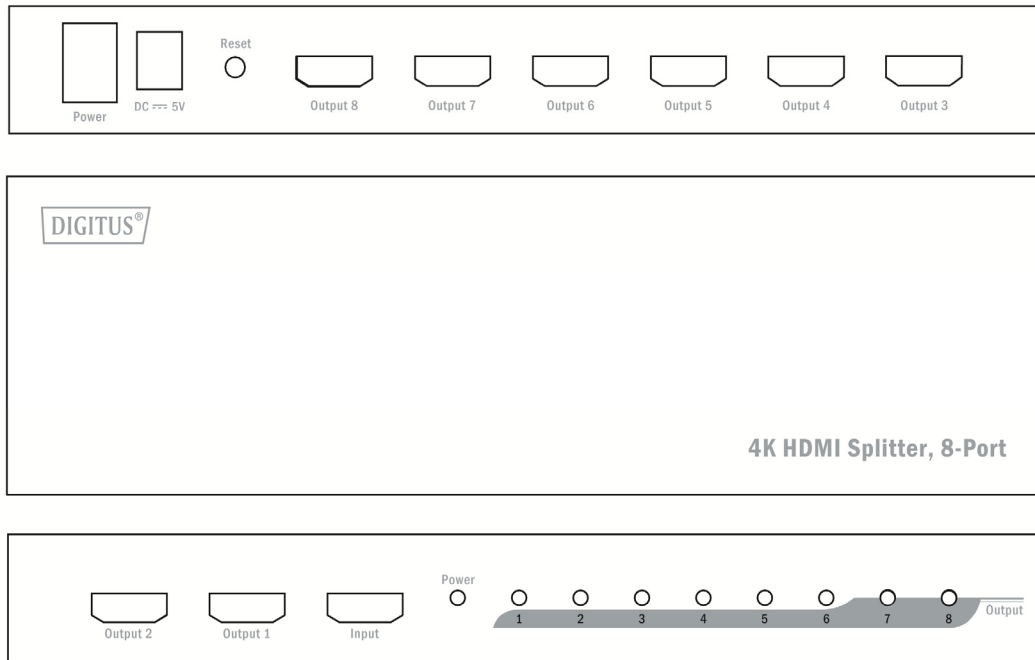
Input DDC Signal	5 Volts p-p (TTL)
Maximum Single Link Range	4Kx2K@30Hz
HDCP support	1.4
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	3.4Gbps/340MHz
Interlaced Resolutions(50&60Hz)	480i,576i,1080i
Progressive Resolutions(50&60Hz)	480p,576p,720p,1080p,4Kx2K@30Hz
Size(L-W-H)	211x65x26mm
Operating Temperature	0°C to 70°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
Power Supply	DC 5V,3A
Power Consumption(Max)	8W
Splitter Unit Cert	CE,FCC
Power Supply Cert	CE,FCC

Note: Specification is subject to change without notice.

4.0 Package Content

- Main Unit
- 5V DC Power Supply
- User Manual

5.0 Panel Description

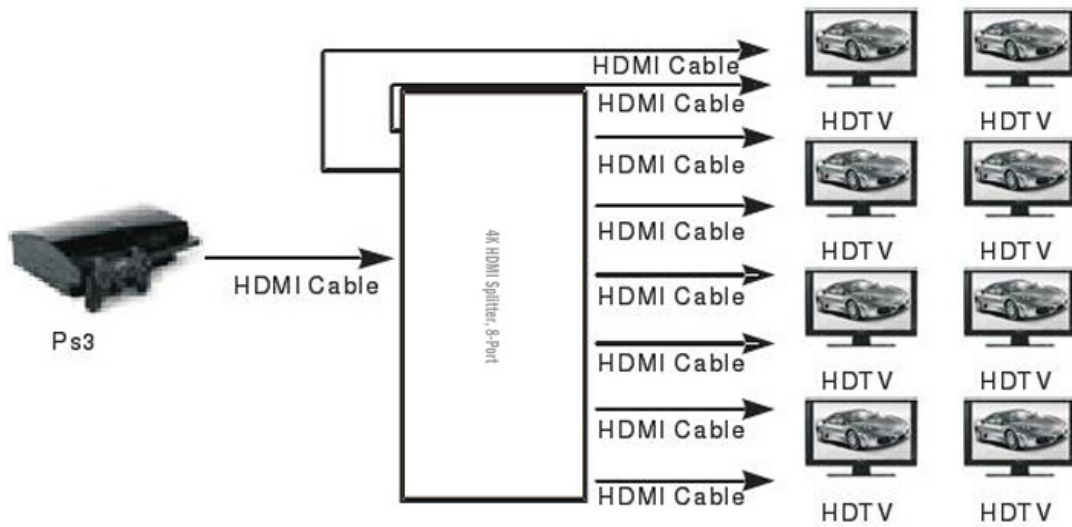


6.0 Connection and Operation

- Connect the HDMI input source and output devices into the HDMI Amplifier Splitter.
- Insert the DC side of 5v power supply into the splitter and then connect the AC side of the power supply into the wall outlet.
- Turn on the power.

Attention: Insert / Extract cable gently.

6.1 Connection Diagram



Hereby ASSMANN Electronic GmbH, declares that this device is in compliance with the requirements of Directive 2014/30/EU (EMC), Directive 2014/35/EU (LVD) and the Directive 2011/65/EU for RoHS compliance. The complete declaration of conformity can be requested by post under the below mentioned manufacturer address.

Note:

If wrongly installed or improperly used in the living area, the device can cause interference in radios and other electronic devices. Appropriate use is when the device, as far as feasible, is operated with shielded connection cables (with network products in addition to category 5 shielded cables and higher). The device has been tested and falls within the limits of class A computing equipment according to the requirements of EN 55022.

Warning:

This device conforms with test category A - it can cause radio interference in the living area; in this case the operator may demand that appropriate measures are implemented and arise for this reason. Declaration of conformity: The device fulfills the EMV requirements according to EN 55022 for ITE and EN 55024 class A. Devices with external or integrated power supply furthermore fulfill the requirements of EN 61000-3-2 and EN 61000-3-3. In this way, the fundamental protection requirements of the EMV-2014/30/EU guideline are fulfilled.

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