DIGITUS®

HDMI Splitter, 2-Port

MANUAL
DS-41300

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 INTRODUCTION

This HDMI Amplifier Splitter is an HDMI splitter with two outputs. It distributes the input of the HDMI signal into the two identical outputs simultaneously. Adopted touch button design lets you enjoy the high technology and easy switching life. This product has the ability of buffering and amplifying. Each amplifier splitter's output can achieve long distance transmission of HDMI signal of more than 15 meters. When two or more products are cascaded, they can create a larger distribution and even a longer distance.

This HDMI Amplifier Splitter offers solutions for HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

1.1 FEATURES

This HDMI Amplifier Splitter has many features that enable it to perform in a superior manner. Among those features you will find:

- Easy to Use: Install in seconds, no need of setting.
- Cascaded: Large distribution achieved by cascading the HDMI Amplifier Splitter.
- Support HDMI HighSpeed (1.3b).
- Support highest video resolution 1080p.
- Support 225MHz/2.25Gbps per channel (6.75Gbps all channel) bandwidth.
- Support 12bit per channel (36bit all channel) deep color.
- Support HDCP.
- Support uncompressed audio such as LPCM
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)

2.0 SPECIFICATION

Signal Inputs/Output	
Input DDC Signal	5 volts p-p (TTL)
Maximum Single Link Range	1920 × 1080p
Output Video	HDMI HighSpeed (1.3b) + HDCP1.0/1.1
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	2.25Gbps/225MHz
Resolutions (HDTV)	
Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 1080p
Mechanical	
Size (L-W-H)	155 × 70 × 23mm
Weight (Net)	260g

Environmental	
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 Requirement	
External Power Supply	5V DC@ 2A
Power consumption (Max)	8W
Regulatory Approvals	
Converter Unit	FCC, CE, UL
Power Supply	UL, CE, FCC
Accessories Adapter	
AC Power Adapter	US standard, UK standard and so on
User Manual	

Note: Specifications are subject to change without notice.

3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:
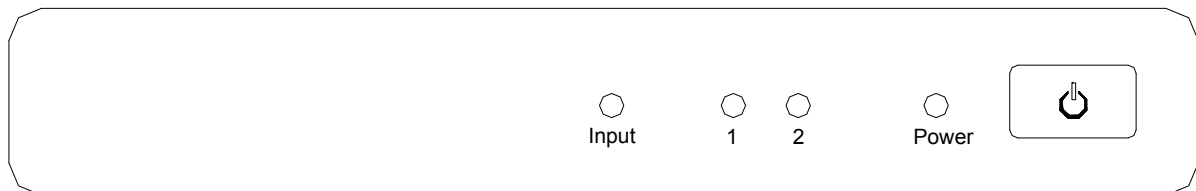
1) Main unit
2) 5V DC Power Supply.
3) User's Manual.

4.0 PANEL DESCRIPTION

Back side:

Front side:

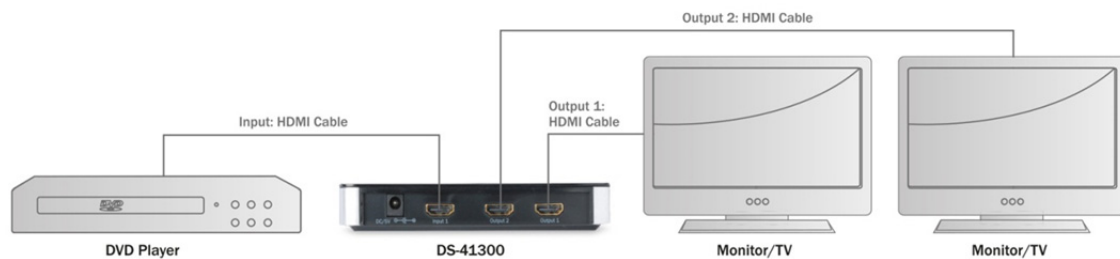## 5.0 CONNECTION AND OPERATION

1) Connect the HDMI input source and output devices into the HDMI Amplifier Splitter. (HDMI cables are optional)
   * Please refer to the connection diagram section.
2) Insert the DC side of 5v power supply into it and then connect the AC side of the power supply into the wall outlet.
3) Turn on the power.

Attention: Insert/Extract cable gently.

5.1 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.

Warning:
This device is a class B product. This equipment may cause some radio interference in living environment. In this case, the user can be requested to undertake appropriate measures to prevent interference.

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