



## UHD HDMI Switch, 3x1



### Manual DS-45312

#### 1.0 INTRODUCTION

This is a high-performance and small-sized HDMI UHD Switcher with iron shell. This HDMI UHD Switcher not only has the key-press-switching function, but also has intelligent function and hot pluggable function. It is an ideal assistant both at home and in the workplace.

This HDMI UHD Switcher routes high definition video (in multiple resolutions up to 4Kx2K@60Hz) and digital audio from any one of the several sources to display units. All inputs accommodate the connections of the high definition video sources simultaneously, compatible well for video player, graphic card, output sends the high definition audio/video signals to a high definition displays.

## 2.0 FEATURES

This HDMI UHD Switcher has many features that enable it to perform in a superior manner. Among of those features, you will find:

- Enable both mechanical and intelligent switching
- Own excellent compatibility
- Support highest video resolution up to 4Kx2K@60Hz
- Support Full 3D
- HDCP pass through
- Support compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
- EDID bypass

## 3.0 SPECIFICATIONS

<b>Signal Inputs/Output</b>	
Input Video	HDMI
Maximum Single Link Range	Full 3D and 4Kx2K@60Hz
Output Video	HDMI
<b>Operating Frequency</b>	
Vertical Frequency Range	24/30/50/60Hz
Video Amplifier Bandwidth	6Gbps/600MHz
<b>Resolutions (HDTV)</b>	
Interlaced (50&60Hz)	480i, 576i, 1080i
Progressive (50&60Hz)	480p, 576p, 720p, 1080p, 4Kx2K@30Hz, 4Kx2K@60Hz
<b>Mechanical</b>	
Size (L-W-H)	80x51x20mm
Weight (Net)	109.3g
<b>Environmental</b>	
Operating Temperature	0°C to +40°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
<b>Power Requirement</b>	
External Power Supply	5V/2A
Power consumption (Max)	2W
<b>Accessories Adapter</b>	
IR remote	38KHz NEC standard

**Note: Specifications are subject to change without notice.**

## 4.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main units
- User Manual
- Remote control
- Power Adapter

## 5.0 CONNECTION

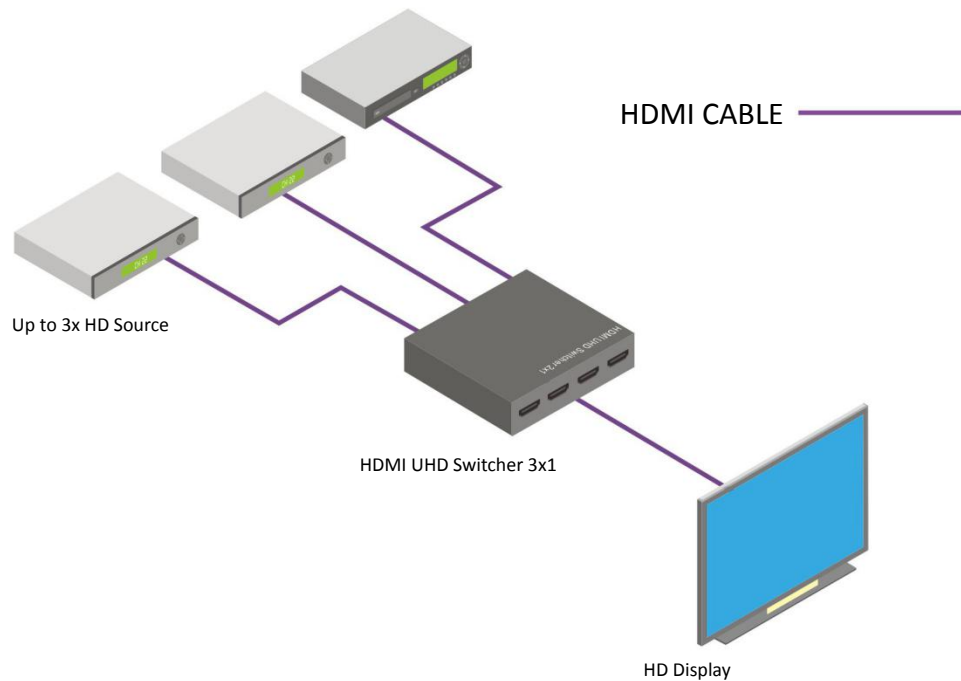
- A. Connect the HDMI input source into the HDMI switcher. (HDMI cables are optional)  
\*Please refer to connection diagram section.
- B. Press the button to select the inputs.
- C. Turn on the power

**Attention: Insert/Extract cable gently.**

## 6.0 OPERATION NOTES

1. Once the source device is turned on or plugged in (should stay power-on mode), the switcher will automatically select this source.
2. Once the source device is turned off or plugged out, the switcher will select the next power-on source depending on the sequence automatically.
3. When the source devices are on the stand-by mode, its power supply should be turned off.
4. When plugged in or out, this switcher is completely intelligent.

## 7.0 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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