HDMI Switch 4x1, Support 4Kx2K, PIP
Model: SX-SW441-HD4K2K

Operating Instructions

INTRODUCTION

The HDMI 4 by 1 Switcher with Auto Switching has a high speed digital performance connection between four sources and a video display without signal degradation. It allows up to four Ultra High Definition 4Kx2K or Full HD 1080p sources to be routed to one Ultra HD display. This product supports resolutions up to 4Kx2K (3840x2160@30Hz). Deep Color, 3DTV pass-through, PIP (picture in picture), and lossless audio formats such as LPCM 7.1, Dolby® TrueHD, and DTS-HD® Master Audio™ are also supported. Each Ultra High Definition source can be switched to the display using the front panel push-button controls, and the included IR remote control.

Features

- Switch four Ultra High Definition sources to one Ultra HD display
- Supports resolutions up to Ultra HD 4Kx2K (3840 x 2160 @ 30Hz) and 1080p @ 120Hz, and 1080P 3D @ 60Hz Full HD
- Incorporates InstaPrevue technology, supports PIP (picture in picture)
- Supports Deep color up to 36-bit color at 1080p 60Hz
- Automatically switch to the most recently connected source
- Supports LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD® Master Audio™
- Supports HDMI input/output cable 10 to 15 meters at 1080p/8-bit resolution

4 by 1 HDMI Switcher with Auto Switching
Manual Version: Release 0414
Made in China

SAFETY INFORMATION

☂ To reduce the risk of electric shock, do not expose this product to rain or moisture.
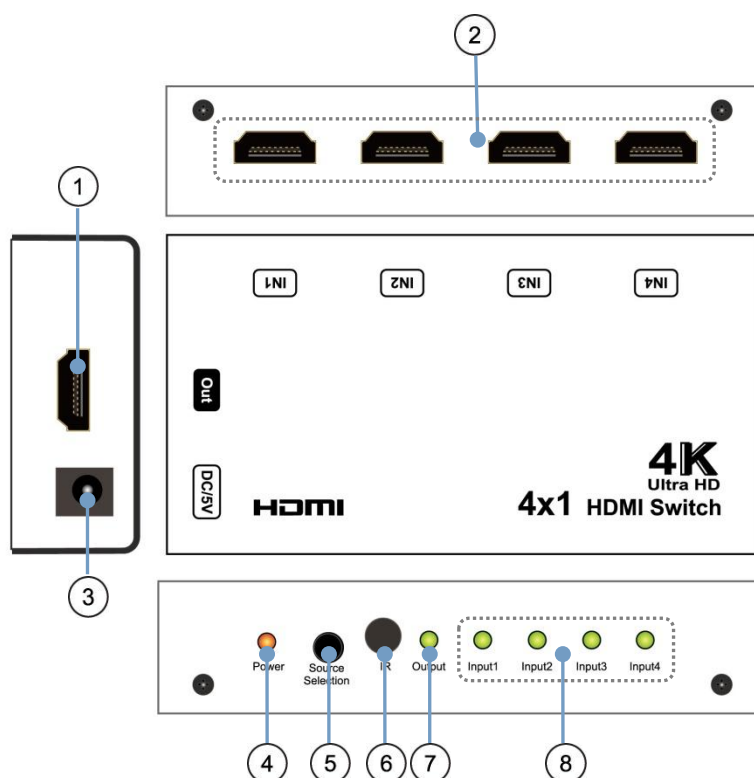
SPECIFICATIONS

Operating Temperature Range	-5 to +35 °C
Operating Humidity Range	5 to 90 % RH (No Condensation)
Bandwidth frequency	10.2 Gbps
Input ports	4 x HDMI (female)
Output port	1 x HDMI (female)
Resolution outputs	up to 4K x 2K (3840 x 2160 @ 30Hz)
Dimensions (LxWxH)	113.5 x 61.5 x 25mm
Power consumption	3W (Maximum)
Transmission Distance	15m (Maximum) over standard HDMI cable/26AWG
Net Weight	210g

PACKAGE CONTENTS

- HDMI 4 by 1 switcher
- 5V DC power supply adaptor
- Remote control unit
- User Manual

PANEL DESCRIPTIONS
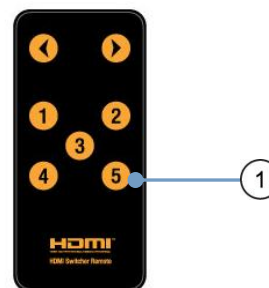
① HDMI output port

② HDMI input ports

③ Power input

④ Indicator of power input

⑤ Input Selection Button

⑥ IR receiver windows

⑦ Indicator of HDMI output

⑧ Indicator of HDMI inputs

REMOTE DESCRIPTION
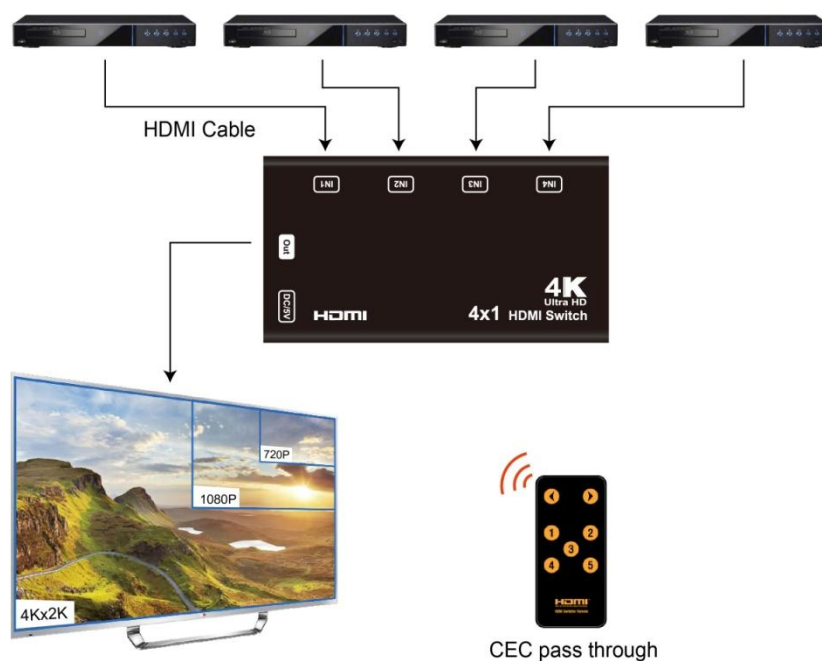
① Button "5" for PIP function (picture in picture)

Note: Press button "5", you can see picture in picture on TV.
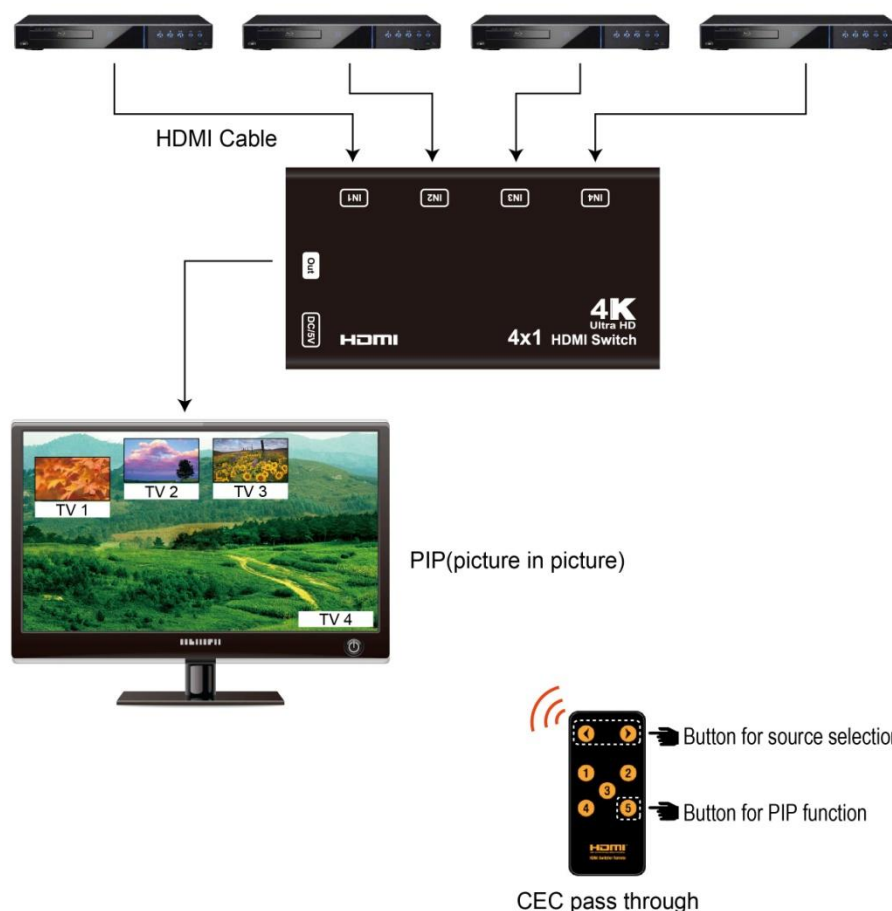Please refer to Connection Diagram 2.

CONNECTING AND OPERATING

1) Connect the HDMI input sources into HDMI switch
2) Connect the HDMI switch with the display
3) Power up all units, the switch, sources and displays

Connection Diagram 1 (Support 4Kx2K)

HDMI Cable

720P

1080P

4Kx2K

CEC pass through

Connection Diagram 2 (Support PIP)

1) Press button "5", you can see picture in picture on TV. Press button ◀ and ▶ to select source, after you select one picture, you have to press button "5" again to show the display.
2) PIP function can only support 1080p.

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DECLARATION OF CONFORMITY

Hereby, KOSMOSAT SA declares that the SX-SW441-HD4K2K equipment (HDMI Switch 4x1) complies with the relevant harmonized standards EEC and therefore can be CE marked.

Relevant harmonized standards:
EN 55022:1998+A1:2000+A2:2003
EN 55024:1998+A1:2001+A2:2003

C€

Copy of the Declaration of Conformity you may ask from the company's offices in the address: 1 Nireos str., Paleo Faliro, Attica 17561 or after request in the e-mail address: DoC@kosmosat.gr

Disclaimer
The product name and brand name may be registered trademark of related manufacturers.^{TM} and ® may be omitted on the user manual. Design and specifications of this unit are subject to change without prior notice. Pictures are for reference only. Products may differ slightly from images shown.