

# KanexPro™

## SW-HD3X14K

### 3x1 HDMI Switcher with 4K Support



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## 1. Introduction

### 1.1. Introduction to SW-HD3X14K

The KanexPro 3x1 HDMI Switcher is a compact three input to one output switch providing 4K ultra-HD resolutions. It is a simple switcher designed to connect five HDMI sources such as Apple TV, Blu-ray, PS4 or Xbox one to your 4K, HDTV or a projector. Perfect for home theater and pro-sumers looking to connect HDMI based devices to an Ultra-HDTV.

### 1.2. Features

- Rapidly switch between 5 inputs to one output
  - Supports resolutions up to 4K@30Hz
  - Full HD 1080p & 1920x1200
  - HDCP and EDID Compliant
  - Supports all 3D formats
  - Ultra-low power consumption, does not require a power supply
  - Switch using a manual button or included IR remote
  - Supports High Speed HDMI Specifications - (Deep color, HD lossless audio formats & Lip Sync)
  - Audio support: Dolby TrueHD, DTS-HD Master Audio 7.1ch
  - Supports uncompressed audio such as LPCM and compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD)
  - Front-panel LED's for input/ output signal presence
  - Ultra compact design
  - 5VDC external power supply included
- IR / Remote control included

### 1.3. Package Contents

- HDMI 1.4 3x1 Switcher
- 5V Power Supply cable
- Remote control IR Receive Extend cable
- Operation Manual

## 1.4. Specifications

### Signal Input/Outputs:

- Input DDC Signal: 5 Volts p-p (TTL)
- Input & Output Signal: High Speed HDMI Spec 1.4a

**Operating Frequency:** Vertical Frequency Range: 50/60Hz

**Video Amplifier Bandwidth:** 2.95 Gbps per Channel

### Resolutions:

- (HDTV) Interlaced (50&60Hz): 480i, 576i, 1080i
- Progressive (50&60Hz): 480p, 576p, 720p, 1080p & 4K@30Hz

**IR specs:** Input Ports: 5 HDMI Female ports, IR Receive port

### Power Requirements:

- Power Consumption: 0.2W
- External Power Supply: 5V DC @ 2A

### Regulatory Approvals:

- Converter Unit: FCC, Ce, UL
- Power Supply: UL, Ce, FCC

### Environment Operating Temperature:

- Operating Temperature: 0°C ~ 40°C / 32°F ~ 104°F
- Storage Temperature: -20°C ~ 60°C / -4°F ~ 140°F

**Dimensions:** W 3.0" x D 2.0" x H1.70"

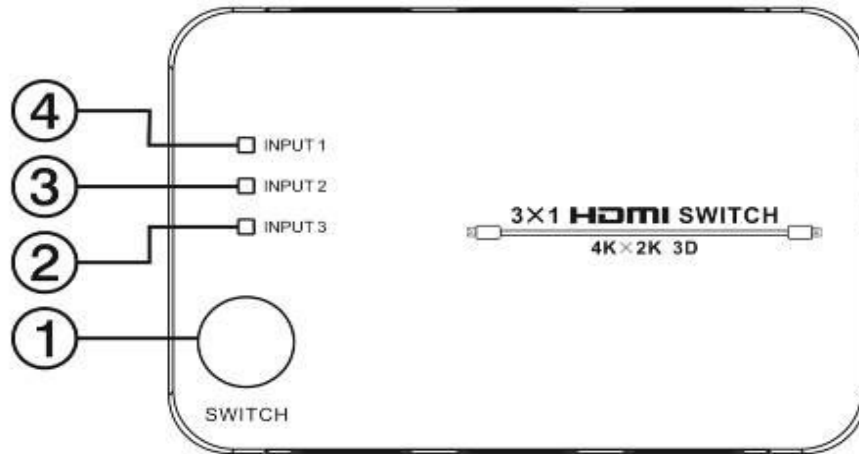
**Weight:** 1.80 ounces

**Warranty:** Limited 1-Year Parts & Labor

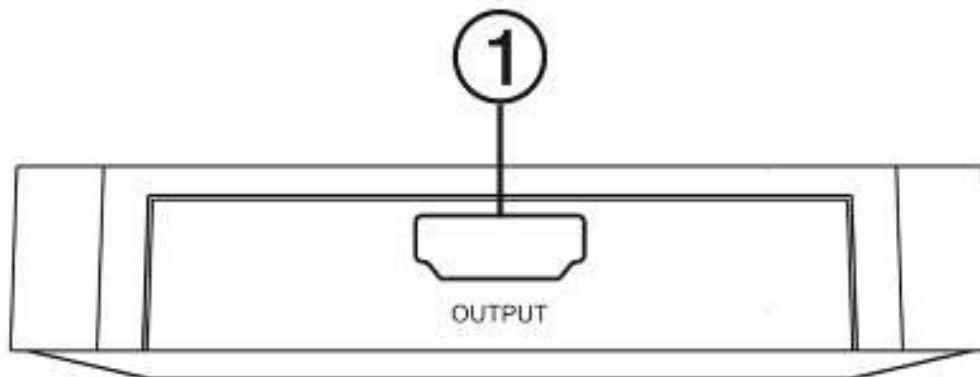
### 1.5. 3X1 Switch Operation controls and functions

Face Panel: ① Switch button, press this button to switch the input source

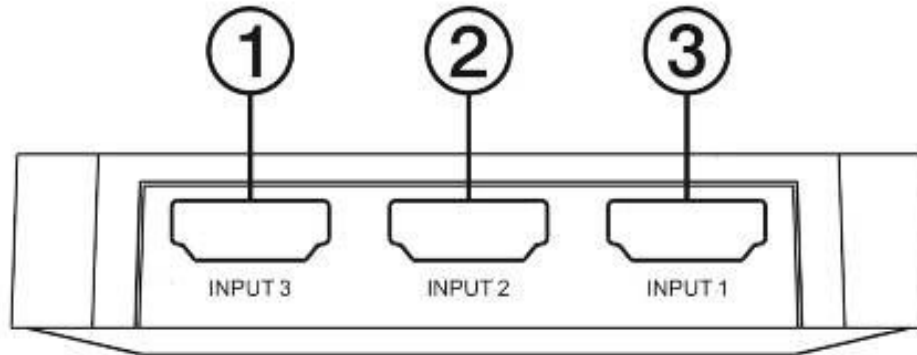
②③④ LED indicator, Indicates the HDMI input port selected corresponding to the LED light



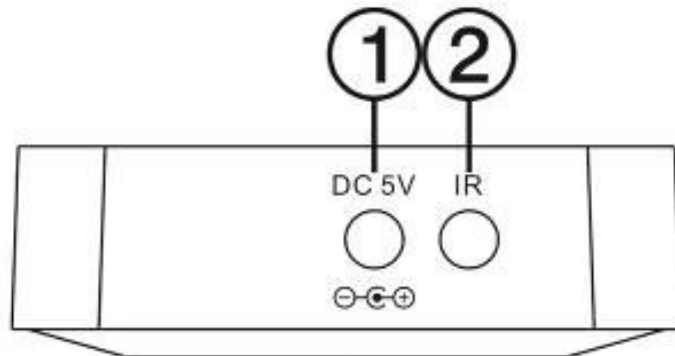
Front Panel: HDMI output port, connect with HDTV, monitor, or projector with HDMI cable



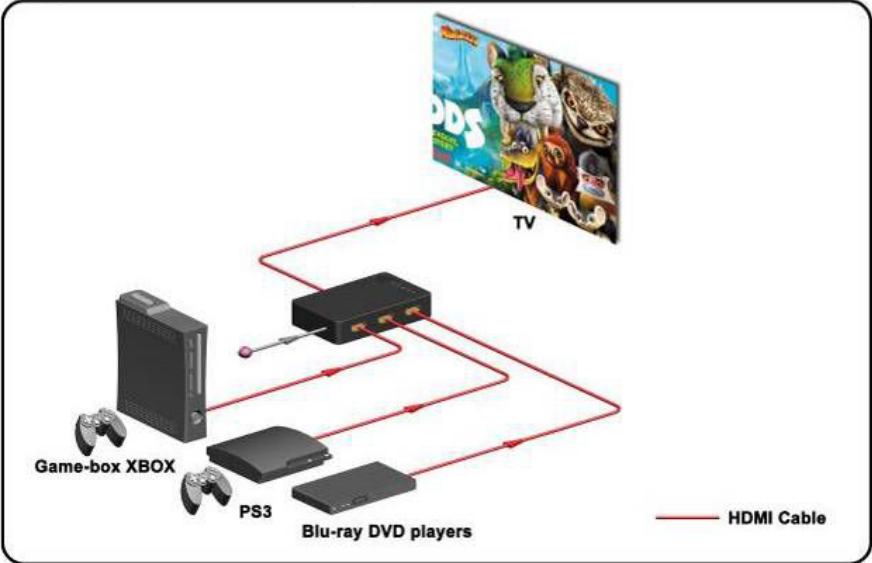
Rear Panel: HDMI input port, connect with Blu-ray Player, PS4, Cable Box, Laptop, and Xbox One with HDMI cable



Right Panel: ① DC 5V input port; ② IR receiver port: connect an IR extension cable and receive the IR Remote signal



1.6. Application Example (3X1 Switch)



## 1.7. Remote Control Functions

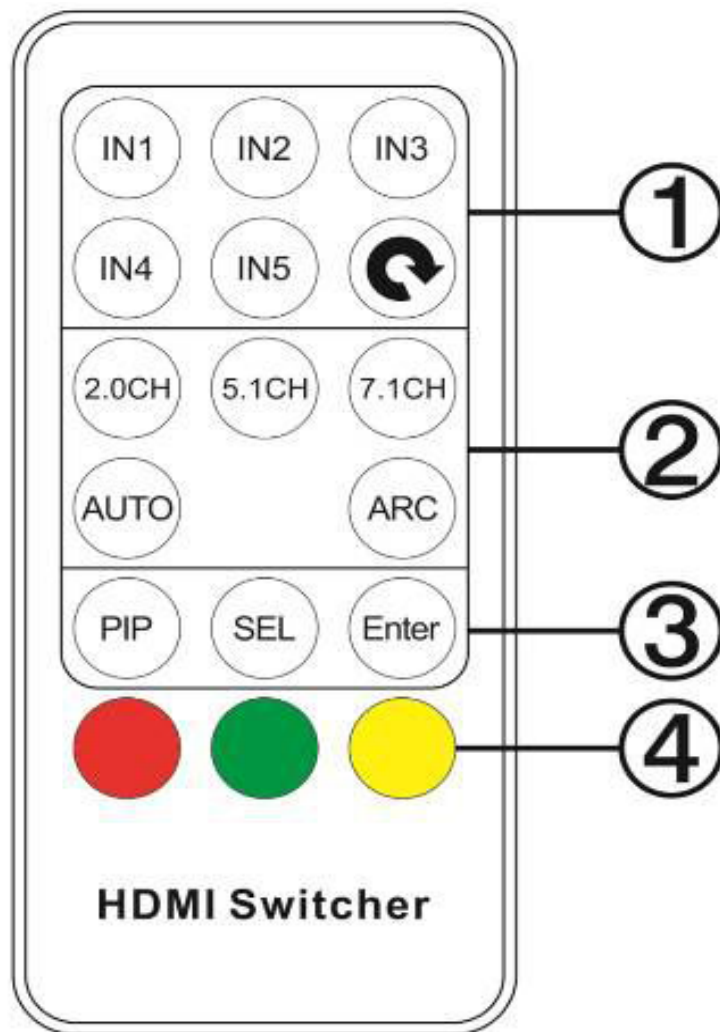
① IN1, IN2, IN3, IN4, & IN5: Press any of these buttons to force switch the input port. The LED light will indicate the corresponding input source.

*\*Note: IN4, IN5 in 3X1 Switch product has not function\**



: Press this button to cycle switch between the input source(s). The LED light will indicate the corresponding input source.

②③④: These color-coated buttons have no function.





## 2. Warranty

KanexPro™ warrants that (a) its products (the “Product”) will perform greatly in agreement with the accompanying written materials for a period of 3 years from the date of receipt and (b) that the product will be free from defects in materials and workmanship under normal use and service for a period of 3 years.

### **B. CUSTOMER REMEDIES**

KanexPro’s entire liability and Customer’s exclusive remedy shall be, at KanexPro option, either return of the price paid for the product, or repair or replacement of the Product that does not meet this Limited Warranty and which is returned to KanexPro with a copy of customers’ receipt. This Limited Warranty is void if failure of the Product has resulted from accident, abuse, or misapplication. Any replacement Product will be warranted for the remainder of the original warranty period or 90 days whichever is longer.

### **C. NO OTHER WARRANTIES**

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, KANEX DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH REGARD TO THE PRODUCT AND ANY RELATED WRITTEN MATERIALS. THIS LIMITED WARRANTY GIVES CUSTOMERS SPECIFIC LEGAL RIGHTS. CUSTOMERS MAY HAVE OTHER RIGHTS DEPENDING ON THE JURISDICTION.

### **D. NO LIABILITY FOR DAMAGES**

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**KanexPro™**

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