



# BK-401S

## 8K 4-port HDMI™ Switch

The **BK-401S** is a high-end 4x1 HDMI switch that connects four HDMI sources to a single display, supporting ultra-high-definition resolutions up to 8K@60Hz, 4K@120Hz, and 1080p@240Hz with a 48Gbps bandwidth for sharp, smooth visuals. HDMI 2.1 and HDCP 2.3 compliant, it offers HDR10+ and Dolby Vision for vibrant image quality, plus gaming features like VRR, ALLM, and QFT. Auto switching, CEC, and premium audio support—including LPCM, Dolby TrueHD, DTS, and DTS-HD Master Audio—make it ideal for high-performance home theaters and gaming setups.

**DIMENSIONS & WEIGHT:**

**Length:** 136.3mm/5.37in **Width:** 61.5mm/2.42in  
**Height:** 14.5mm/0.57in **Weight:** 88g/3.10oz

**PACKAGE CONTENTS:** 1x BK-401S, 1x Remote Control, 1x USB Power Cable, User Manual

**KEY FEATURES:**

- HDMI 2.1 & HDCP 2.3 Compliant – Supports the latest standards for ultra-HD content and secure transmission.
- Video resolutions up to 8K@60Hz, 4K@120Hz, and 1080p@240Hz – Delivers high-performance visuals for all entertainment types.
- 48Gbps combined video bandwidth of all outputs – Ensures flawless video signal transmission without lag or distortion.
- HDR10+ and Dolby Vision support – Enhances image clarity with superior brightness and contrast.
- Wide Audio Support - LPCM, Dolby Digital, Dolby True HD, DTS, and DTS-HD Master Audio – Provides compatibility with all major audio formats.
- VRR, ALLM, & QFT support – Ideal for real-time gaming and dynamic video playback.
- Auto Switching feature – Automatically detects active input source for effortless switching.
- CEC Support – Enables integrated control with other HDMI-connected devices.

## SPECIFICATIONS

|                               |                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------|
| <b>CONNECTIVITY:</b>          |                                                                                         |
| INPUT:                        | 4 × HDMI IN [Type A, 19-pin female]                                                     |
| OUTPUT:                       | 1 × HDMI OUT [Type A, 19-pin female]                                                    |
| <b>COMPLIANCES:</b>           |                                                                                         |
| HDMI Compliance               | : HDMI 2.1                                                                              |
| HDCP Compliance               | : HDCP 2.3                                                                              |
| <b>SUPPORTED HDMI CABLES:</b> |                                                                                         |
| HDMI 2.1                      | : We recommend using high quality HDMI 2.1 cables under 15 feet for optimum performance |
| <b>EXTENDING DISTANCE:</b>    |                                                                                         |
| 8K@60Hz                       | : 10 Feet                                                                               |
| 4K@60Hz                       | : 25 Feet                                                                               |
| 1080p@60Hz                    | : 30 Feet                                                                               |
| <b>VIDEO OUTPUT:</b>          |                                                                                         |
| Video Bandwidth               | : 48Gbps                                                                                |
| Video Resolutions             | : 8K@60Hz, 4K@120Hz, 1080p@240Hz                                                        |

**ADDITIONAL FEATURES**

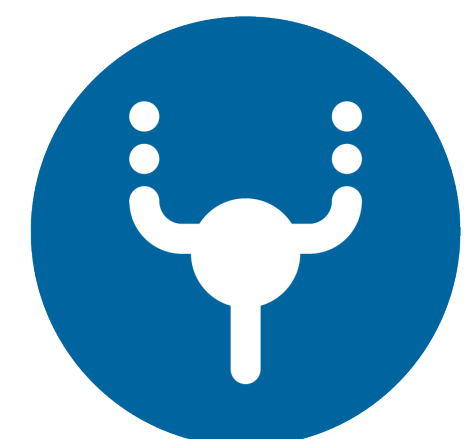
|                    |       |
|--------------------|-------|
| CEC Function       | : Yes |
| ARC Function       | : No  |
| USB KVM Function   | : No  |
| PoC/PoE Function   | : No  |
| IR Control         | : Yes |
| Downmix Function   | : No  |
| Downscale Function | : No  |
| Over IP Function   | : No  |
| HDBaseT Function   | : No  |
| RS-232 Function    | : No  |

**AUDIO SUPPORT:**

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| HDMI Audio Formats | : LPCM, Dolby Digital, Dolby True HD, DTS, and DTS-HD Master Audio |
|--------------------|--------------------------------------------------------------------|

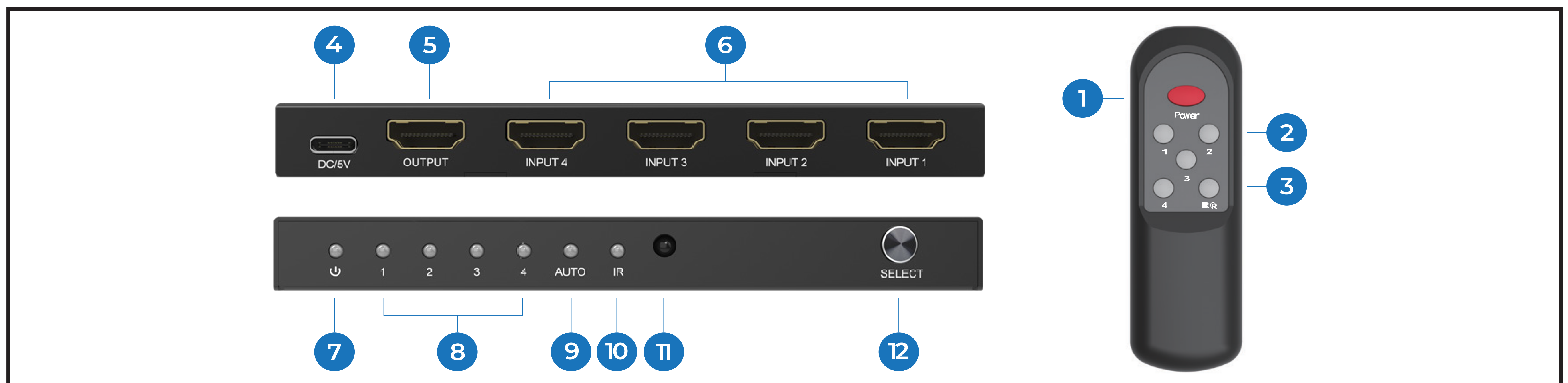
**POWER:**

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Power Consumption | : 3.4W (Max)                                     |
| Power Supply      | Input : AC 100-240V 50/60Hz<br>Output : DC 5V/1A |





# CONNECTION DIAGRAM



OVER 10 YEARS  
EXPERIENCE

