



BK-501

8K 5-port HDMI™ Switch

The **BK-501** is a 5x1 HDMI switch that connects up to five sources to one display with 48Gbps bandwidth. HDMI 2.1 compliant, it supports 8K@60Hz (4:2:0, 12-bit) and 4K@120Hz (4:4:4, 12-bit) for sharp detail and color depth. With HDR10+, Dolby Vision, and HLG pass-through, it delivers immersive visuals. Advanced HDMI 2.1 features include VRR, ALLM, QMS, QFT, and SBTM, making it ideal for gaming and modern AV setups. Control is simple with auto/manual switching, IR remote, front-panel button, and CEC pass-through.

DIMENSIONS & WEIGHT:
Length: 110mm / 4.33in **Width:** 75mm / 2.95in
Height: 18mm / 0.70in **Weight:** 188g / 6.63oz

PACKAGE CONTENTS: 1x BK-501, 1x Remote Control, 1x Power Adapter, User Manual

KEY FEATURES:

- **HDCP 2.3 Compliant** – Ensures compatibility with modern content protection standards.
- **Ultra HD Video Support** – Supports resolutions up to 8K@60Hz (4:2:0 12-bit) and 4K@120Hz (4:4:4 12-bit), as per HDMI 2.1 specifications.
- **48Gbps FRL & 18Gbps TMDS Bandwidth** – Delivers uncompressed, high-quality video and audio signals.
- **Advanced HDR Formats** – Supports HDR10+, Dolby Vision, and HLG pass-through for vibrant, lifelike visuals.
- **HDMI 2.1 Features** – Includes VRR, ALLM, QMS, QFT, and SBTM for enhanced gaming and viewing performance.
- **Premium Audio Pass-through** – Supports LPCM 7.1CH, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio, and DTS:X.
- **5x1 HDMI Switching** – Easily route up to five HDMI sources to one display.
- **Convenient Control Options** – Includes front panel buttons and IR remote for effortless input selection.
- **Auto & Manual Switching** – Supports automatic input detection and manual switching for user flexibility.
- **CEC Pass-through** – Enables integrated control with compatible HDMI devices.

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/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X, DSD
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POWER:

Power Consumption	: 3.15W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 5V/1A

SPECIFICATIONS

CONNECTIVITY:

INPUT:	4 × HDMI [Type A, 19-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female]

COMPLIANCES:

HDMI Compliance	: HDMI 2.1
HDCP Compliance	: HDCP 2.3

SUPPORTED HDMI CABLES:

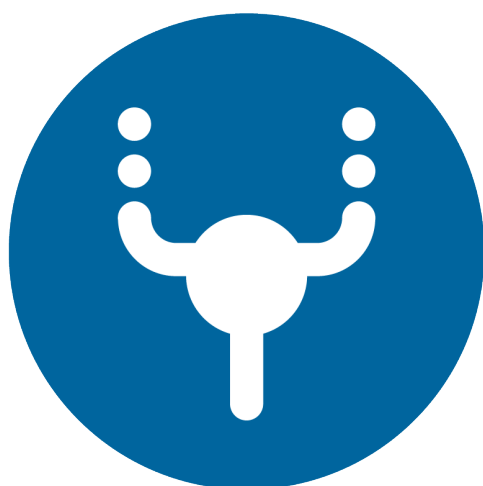
HDMI 2.1	: We recommend using high quality HDMI 2.1 cables under 15 feet for optimum performance
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EXTENDING DISTANCE:

8K@60Hz	: 10 Feet
4K@60Hz	: 25 Feet

VIDEO OUTPUT:

Video Bandwidth	: 48 Gbps
Video Resolutions	: 8K@60Hz, 4K@120Hz

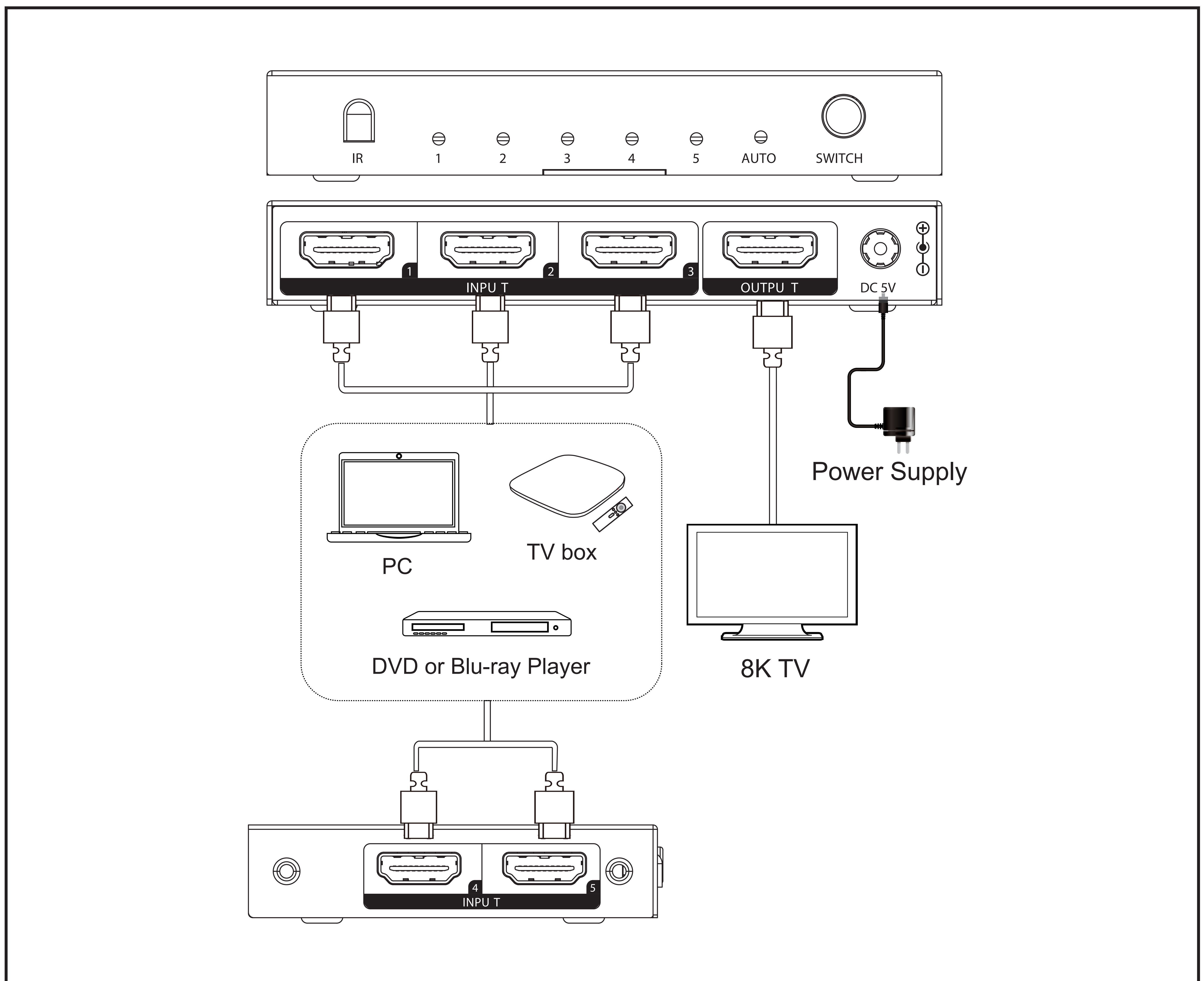
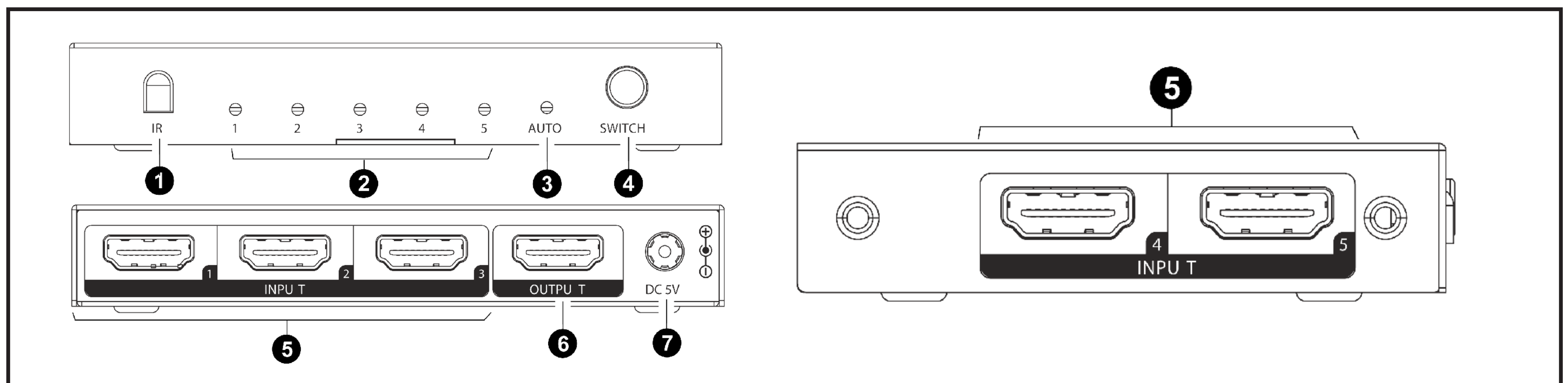


OVER 10 YEARS
EXPERIENCE





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY