



BK-401A

8K 4-port HDMI™ Switch (Audio Extract)

The **BK-401A** is a high-performance 4x1 HDMI switch that connects four HDMI sources to a single 8K or 4K display. Compliant with HDMI 2.1 and HDCP 2.3, it supports resolutions up to 8K@60Hz, and 4K@120Hz with a 48Gbps bandwidth for flawless signal integrity. Ideal for gaming, streaming, and media devices, it features VRR, HDR10+, and Dolby Vision for smooth, dynamic visuals. EDID passthrough ensures compatibility, while audio extraction via S/PDIF and flexible switching options make it perfect for home or professional AV setups.

DIMENSIONS & WEIGHT:
Length: 160mm / 6.29in **Width:** 58mm / 2.28in
Height: 20.6mm / 0.81in **Weight:** 275g / 9.70oz

PACKAGE CONTENTS: 1x BK-401A, 1x Remote Control, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.1 & HDCP 2.3 Compliant – Compatible with the latest video and content protection standards.
- 48Gbps Video Bandwidth – Delivers high-quality video and audio signals without degradation.
- Resolutions up to 8K@60Hz, and 4K@120Hz – Ideal for high-performance gaming and media playback.
- HDR10+ & Dolby Vision Pass-through – Ensures vivid color, deep contrast, and high dynamic range visuals.
- Variable Refresh Rate (VRR) Support – Reduces screen tearing and stutter for smoother gameplay.
- Optical S/PDIF Audio Output – Enables external audio extraction to soundbars, AV receivers, or audio processors.
- Multiple Control Options – Easily switch inputs via front-panel button, IR remote, or RS-232 commands.
- Compact and Durable Design – Built for easy integration into modern home theater and gaming environments.

SPECIFICATIONS

CONNECTIVITY:

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

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 10 feet for optimum performance
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EXTENDING DISTANCE:

8K@60Hz	: 10 Feet
4K@60Hz	: 25 Feet
1080p@60Hz	: 30 Feet

VIDEO OUTPUT

Video Bandwidth	: 48Gbps
Video Resolutions	: 8K@60Hz, 4K@120Hz, 1080p@120Hz

ADDITIONAL FEATURES

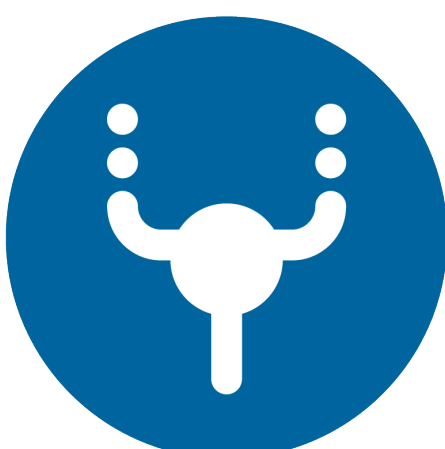
CEC Function	: Yes
ARC Function	: No
USB KVM Function	: No
PoC/PoE Function	: No
IR Control	: Yes
Downmix Function	: No
Downscale Function	: No
Over IP Function	: No
HDBaseT Function	: No
RS-232 Function	: Yes

AUDIO SUPPORT:

HDMI Audio Formats	: Dolby Atmos, Dolby Digital 7.1CH, Dolby True HD, DTS:X, DTS-HD, LPCM 7.1CH
HDMI Audio Formats	: Dolby Digital, DTS-HD 5.1

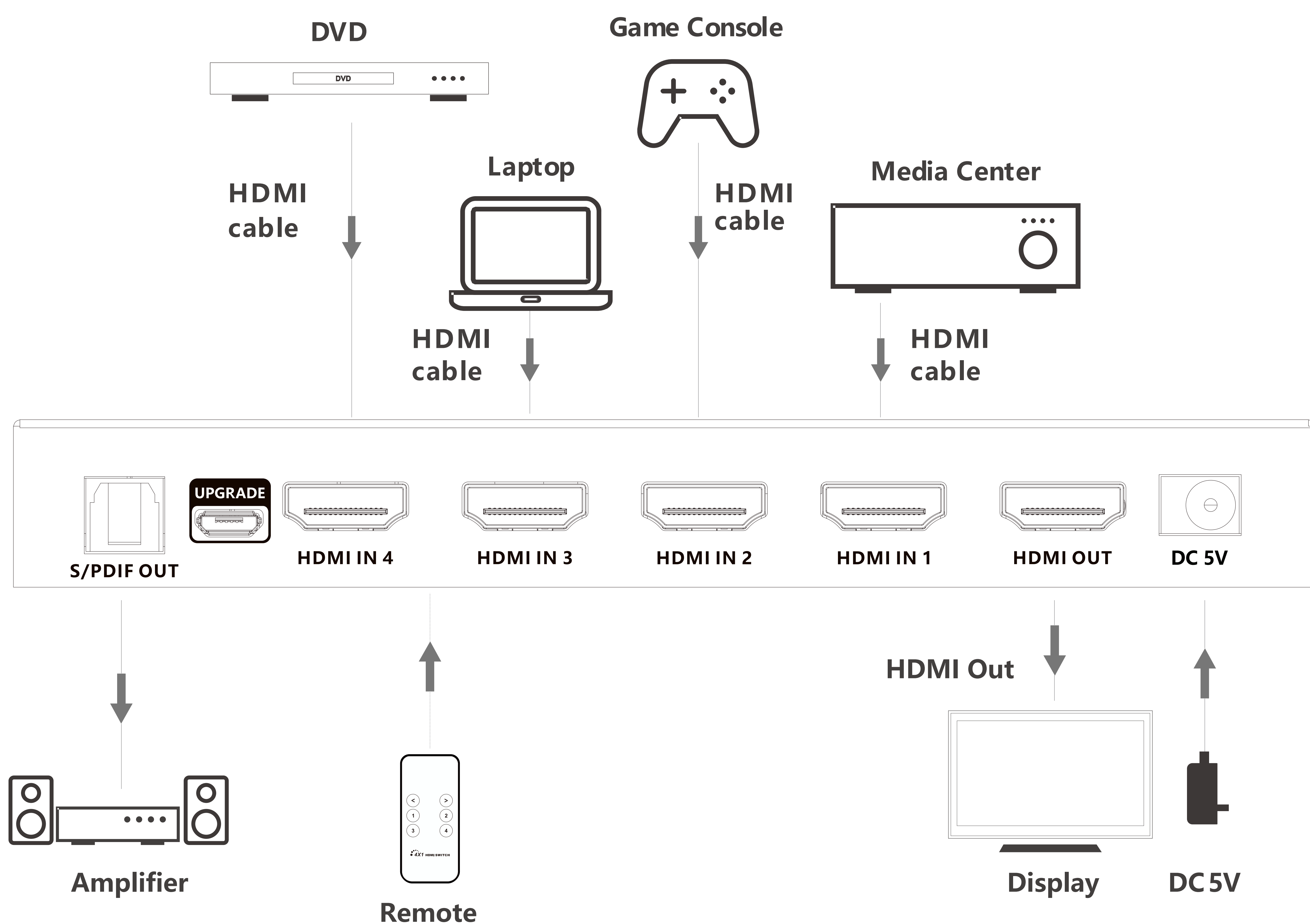
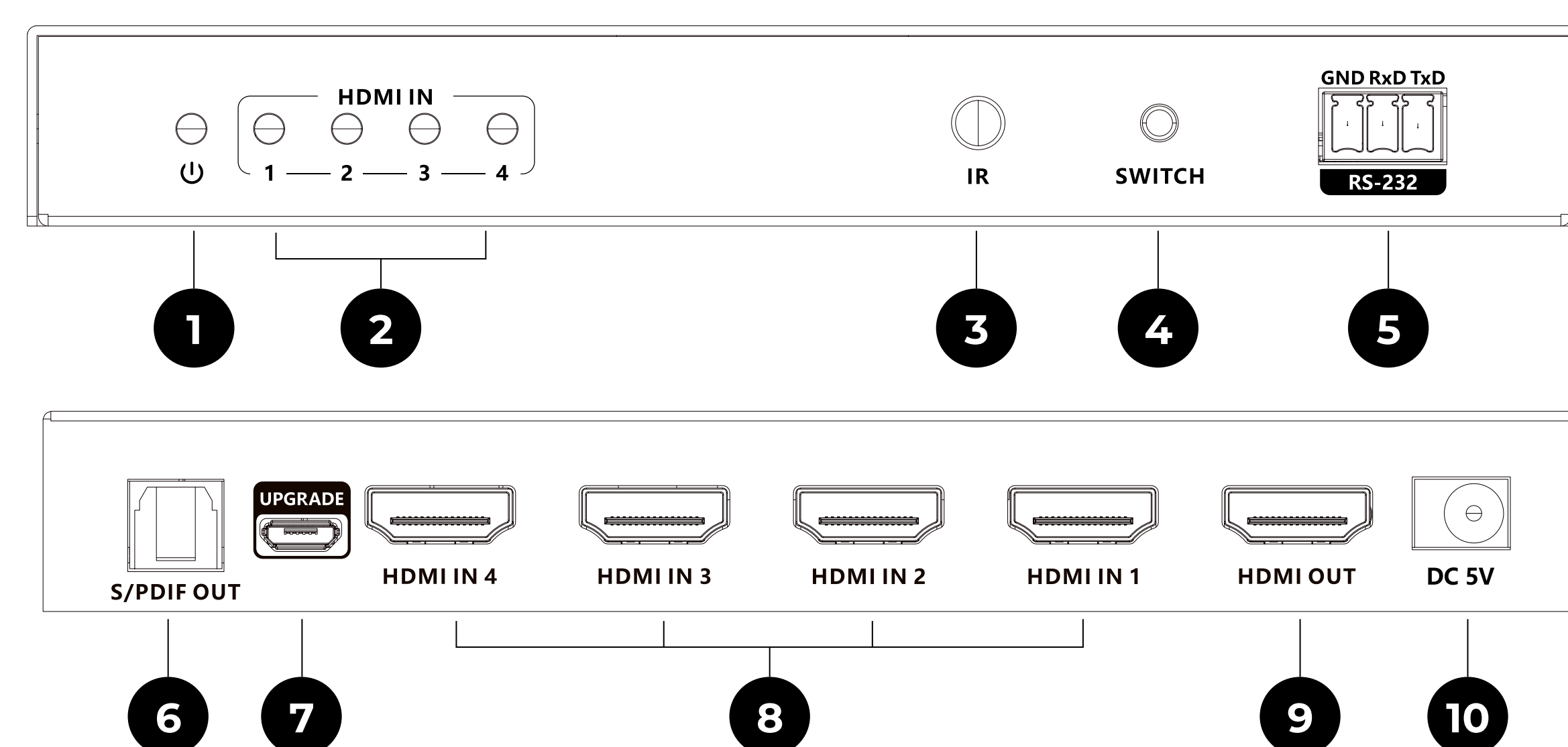
POWER:

Power Consumption	: 2W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 5V/1A





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE

