



BK-21AC

8K 2-port HDMI™ Switch (Audio Extract)

The BK-21AC is a 2x1 HDMI switcher that enables seamless switching between two HDMI sources and one display. HDMI 2.1 and HDCP 2.3 compliant, it supports 8K@60Hz, 4K@120Hz, and 1080p@240Hz with 48Gbps bandwidth for uncompromised quality. Compatible with HDR10+ and Dolby Vision, it offers vivid color and contrast. Audio extraction is available via optical (SPDIF) and 3.5mm outputs, supporting LPCM, Dolby Digital, and DTS formats. Features include CEC pass-through on input 1, advanced EDID management, and a compact, plug-and-play design for home, gaming, and pro AV setups.

DIMENSIONS & WEIGHT:
Length: 122mm / 4.8in **Width:** 70mm / 2.75in
Height: 18.5mm / 0.72in **Weight:** 192g / 6.77oz

PACKAGE CONTENTS: 1x BK-21AC, 1x Remote, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.1 and HDCP 2.3 Compliant – Fully supports the latest video and content protection standards.
- Supports Up to 8K@60Hz – Compatible with 8K@60Hz, 4K@120Hz, and 1080p@240Hz resolutions.
- 48Gbps Video Bandwidth – Ensures smooth, uncompressed transmission of high-resolution video.
- HDR Format Support – Includes HDR10+ and Dolby Vision pass-through for enhanced visuals.
- Audio Extraction – Outputs HDMI audio via Optical (SPDIF) and 3.5mm stereo jack.
- Audio Format Compatibility – Supports uncompressed LPCM and compressed Dolby Digital/DTS formats.
- CEC Support – Allows device control via HDMI input 1.
- Advanced EDID Management – Optimizes source-to-display compatibility.
- Plug-and-Play Installation – No drivers required; setup is quick and user-friendly.
- Compact Design – Space-saving form factor ideal for home and commercial AV installations.

EXTENDING DISTANCE:

8K@60Hz	: 10 Feet
4K@60Hz	: 25 Feet
1080p@240Hz	: 30 Feet

VIDEO OUTPUT:

Video Bandwidth	: 48 Gbps
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:

Audio Formats:	Uncompressed : LPCM
	Compressed : DTS/Dolby Digital (including DTS-HD Master Audio™ and Dolby TrueHD)

POWER:

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

SPECIFICATIONS

CONNECTIVITY:

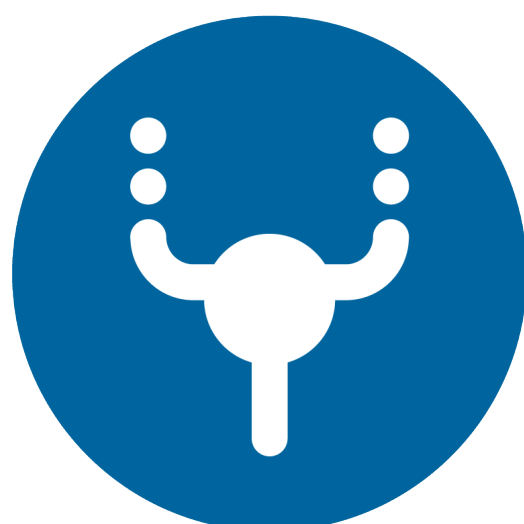
INPUT:	2 × HDMI [Type A, 19-pin female]
OUTPUT:	1 × HDMI [Type A, 19-pin female]
	1 × OPTICAL [S/PDIF]
	1 × L/R [3.5mm Stereo mini-jack]

COMPLIANCES:

HDMI Compliance	: HDMI 2.1
HDCP Compliance	: HDCP 2.3

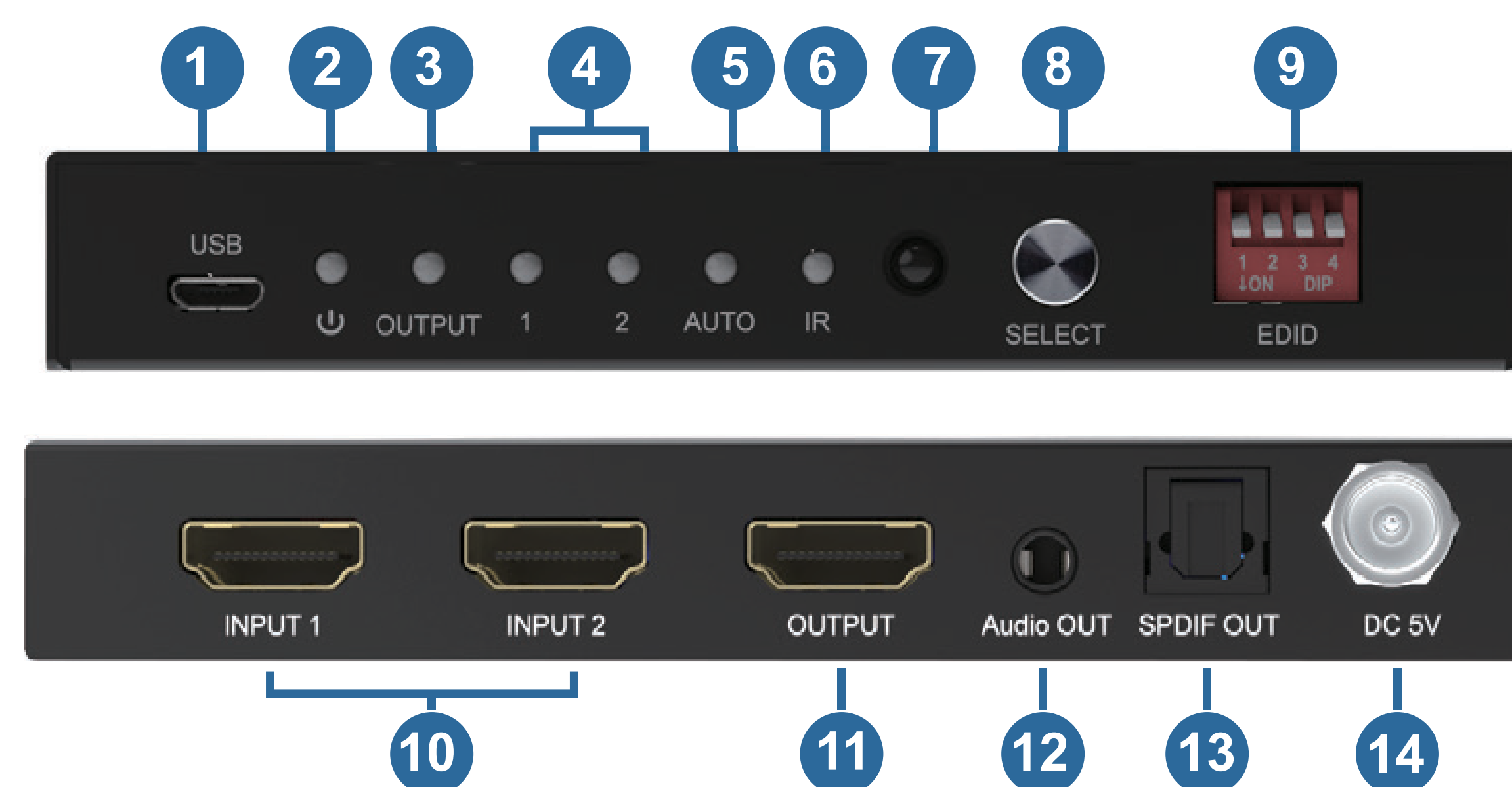
SUPPORTED HDMI CABLES:

HDMI 2.1	: We recommend using high quality HDMI 2.1 cables under 10 feet for optimum performance
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CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE

