

BK-21A

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



DIMENSIONS & WEIGHT:
Length: 145mm/5.70in **Width:** 68mm/2.68in
Height: 17mm/0.66in **Weight:** 268g/9.45oz

The BK-21A is a high-performance 2x1 HDMI switch that allows two HDMI sources to connect to a single display, offering smooth switching and next-gen video support. It handles resolutions up to 8K@60Hz, 4K@120Hz, and 1080p@240Hz with 48Gbps bandwidth. Fully compliant with HDMI 2.1 and HDCP 2.3, it supports HDR10+, Dolby Vision, VRR, ALLM, and FVA for immersive viewing and gaming. Audio formats include Dolby TrueHD, DTS-HD Master Audio, and DSD. With optical and 3.5mm audio extraction, EDID management, auto switching, and remote control, it's ideal for future-ready home entertainment setups.

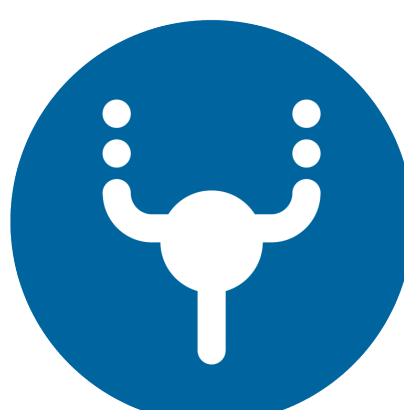
PACKAGE CONTENTS: 1x BK-21A, 1x Remote, 1x Power Adapter, User Manual

- KEY FEATURES:**
- HDMI 2.1 and HDCP 2.3 Compliant** – Supports the latest HDMI and content protection standards.
 - Video Resolutions up to 8K@60Hz** – Also compatible with 4K@120Hz and 1080p@240Hz for ultra-smooth playback.
 - 48Gbps Video Bandwidth** – Handles high-performance uncompressed video and audio streams.
 - HDR10+ and Dolby Vision Support** – Delivers enhanced contrast, brightness, and color accuracy.
 - VRR, ALLM & FVA Support** – Optimizes performance for gaming and real-time media playback.
 - Advanced Audio Format Support** – Includes LPCM, Dolby TrueHD, DTS-HD Master Audio, DSD, and more.
 - Audio Extraction** – Features optical and 3.5mm analog outputs for flexible audio integration.
 - Advanced EDID Management** – Ensures stable signal and device communication.
 - Multiple Control Options** – Offers automatic switching, front panel buttons, and an included remote.

SPECIFICATIONS

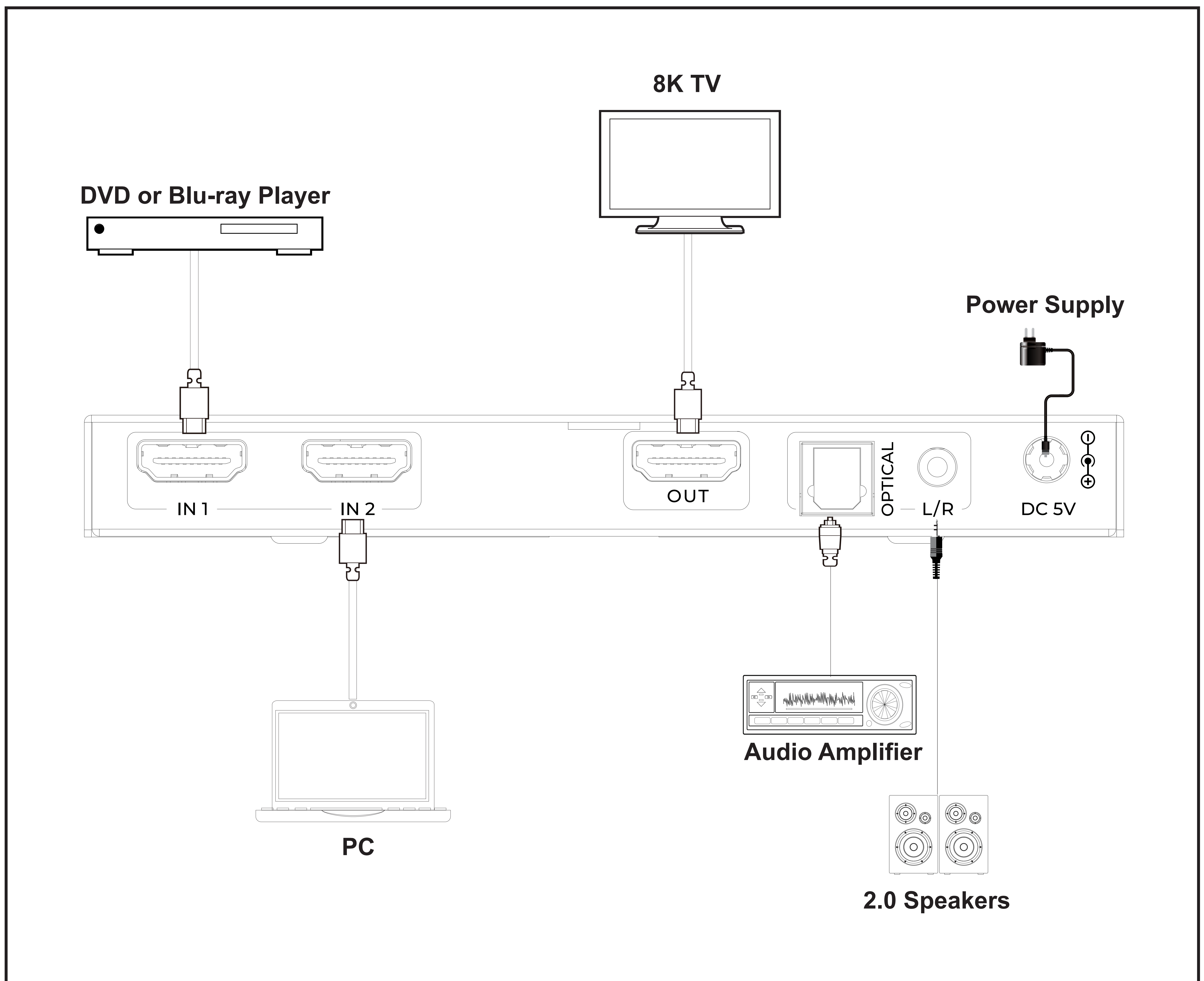
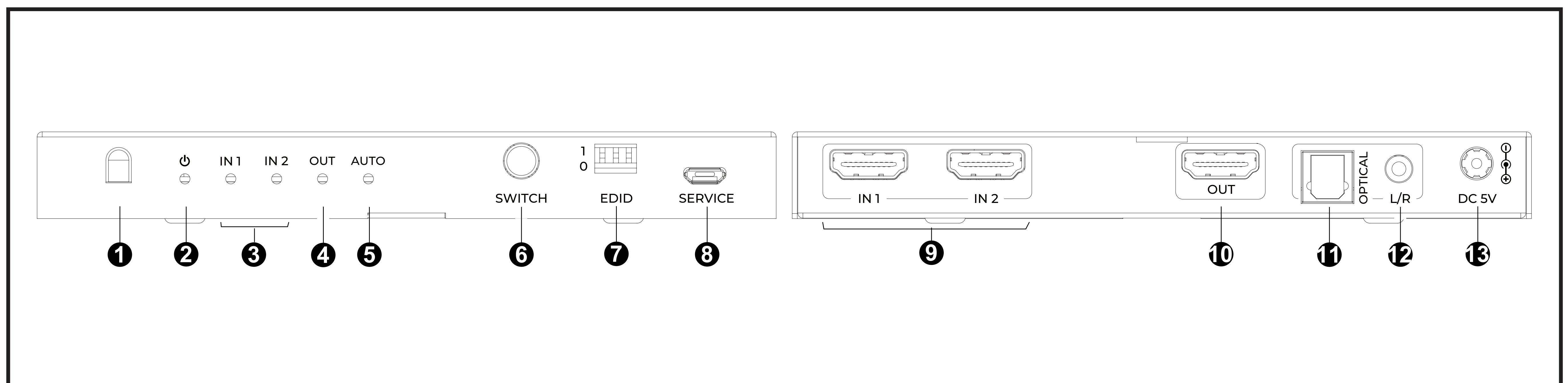
CONNECTIVITY:	
INPUT:	2 × HDMI [Type A, 19-pin female]
	1 × HDMI [Type A, 19-pin female]
	1 × S/PDIF [OPTICAL]
	1 × L/R [3.5mm Stereo mini-jack]
OUTPUT:	1 × SERVICE [USB-C, Update port]
COMPLIANCES:	
HDMI Compliance	: HDMI 2.1
HDCP Compliance	: HDCP 2.3
SUPPORTED HDMI CABLES:	
HDMI 2.1	: We recommend using high quality HDMI 2.1 cables under 15 feet for optimum performance

EXTENDING DISTANCE:	
8K@60Hz	: 10 Feet
4K@60Hz	: 25 Feet
1080p@60Hz	: 30 Feet
VIDEO OUTPUT:	
Video Bandwidth	: 48 Gbps
Video Resolutions	: 8K@60Hz, 4K@120Hz, 1080p@240Hz
ADDITIONAL FEATURES	
CEC Function	: No
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, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Optical Audio Formats	: LPCM/Dolby/DTS 5.1CH
3.5mm Analog Audio Formats	: PCM 2.0
POWER:	
Power Consumption	: 5.25W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 5V/2A





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE

