

BK-102A

8K 1x2 HDMI™ Splitter (Downscaler, Audio Extract)



DIMENSIONS & WEIGHT:

Length: 145mm/5.71in **Width:** 68mm/2.68in

Height: 17mm/0.67in **Weight:** 260g/9.17oz

The **BK-102A** is a 1x2 HDMI splitter that distributes one HDMI source to two displays, supporting up to 8K@60Hz, 4K@120Hz, and 1080p@240Hz resolutions. Compliant with HDMI 2.1 and HDCP 2.3, it delivers reliable transmission with 48Gbps bandwidth. It supports HDR10+, Dolby Vision, HLG, and includes optical and analog audio extraction. The splitter offers automatic downscaling from 8K to 4K/1080p and HDR to SDR conversion for display compatibility. EDID management and compact, plug-and-play design makes it ideal for both professional AV setups and home entertainment systems.

PACKAGE CONTENTS: 1x BK-102A, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.1 and HDCP 2.3 Compliant** – Supports the latest video and content protection standards.
- 8K@60Hz and 4K@120Hz Video** – Delivers ultra-high-definition resolutions with vibrant color depth.
- 48Gbps FRL & 18Gbps TMDS Bandwidth** – Ensures smooth, high-quality video and audio performance.
- Supports VRR, ALLM, QMS, QFT, SBTM** – Optimizes visual experience and reduces latency while gaming.
- HDR10+, Dolby Vision, and HLG Pass-through** – Enhances video with stunning contrast and color.
- Audio Extraction via Optical and Analog Outputs** – Offers flexible audio connectivity options.
- Auto Downscaling** – Converts 8K to 4K or 1080p, and 4K to 1080p on all outputs.
- HDR to SDR Conversion** – Automatically adjusts dynamic range for SDR displays.
- Advanced EDID Management** – Allows quick selection of EDID presets for optimal device compatibility.
- Compact, Plug-and-Play Design** – Simple installation and space-saving form factor.

EXTENDING DISTANCE:

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

VIDEO OUTPUT:

Video Bandwidth	: 48Gbps FRL & 18 Gbps TMDS
Video Resolutions	: Up to 8K@60Hz 4:2:0 or 4K@120Hz 4:4:4

ADDITIONAL FEATURES

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

AUDIO SUPPORT:

HDMI Audio Formats	: LPCM, Dolby Atmos, 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
L/R Audio Formats	: PCM 2.0

POWER:

Power Consumption	: 4.5W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz
	Output : DC 5V/2A

SPECIFICATIONS

CONNECTIVITY:

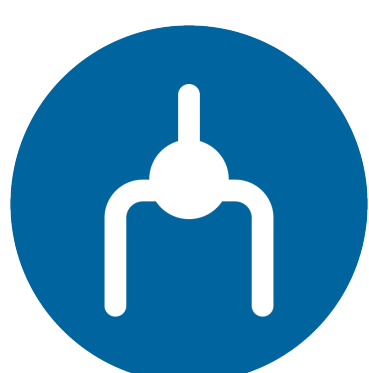
INPUT:	1 × HDMI [Type A, 19-pin female]
OUTPUT:	2 × HDMI [Type A, 19-pin female]
	1 × S/PDIF [Optical]
	1 × L/R [3.5mm Stereo Mini-jack]
CONTROL:	1× SERVICE [Micro-USB, Update port]

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
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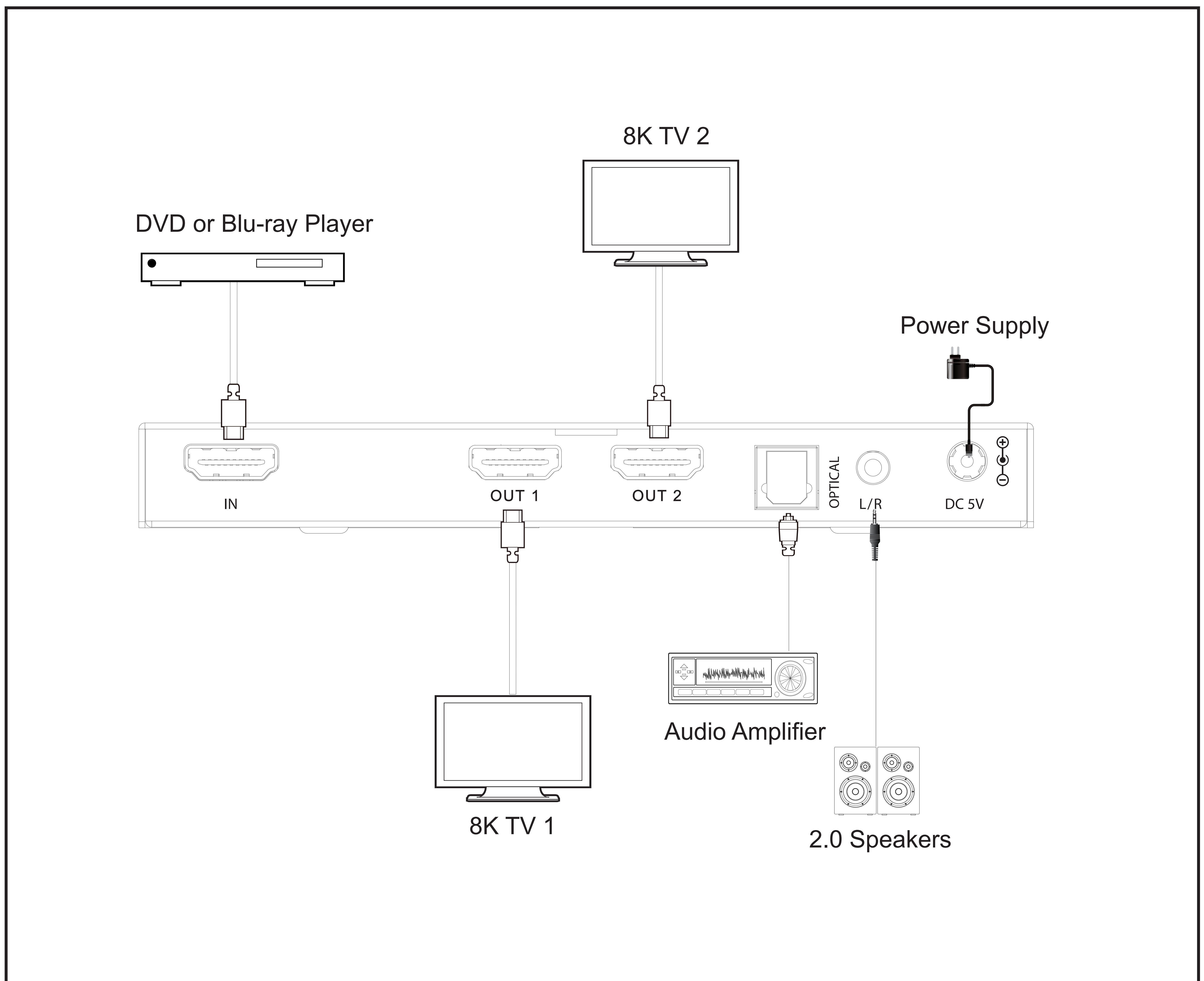
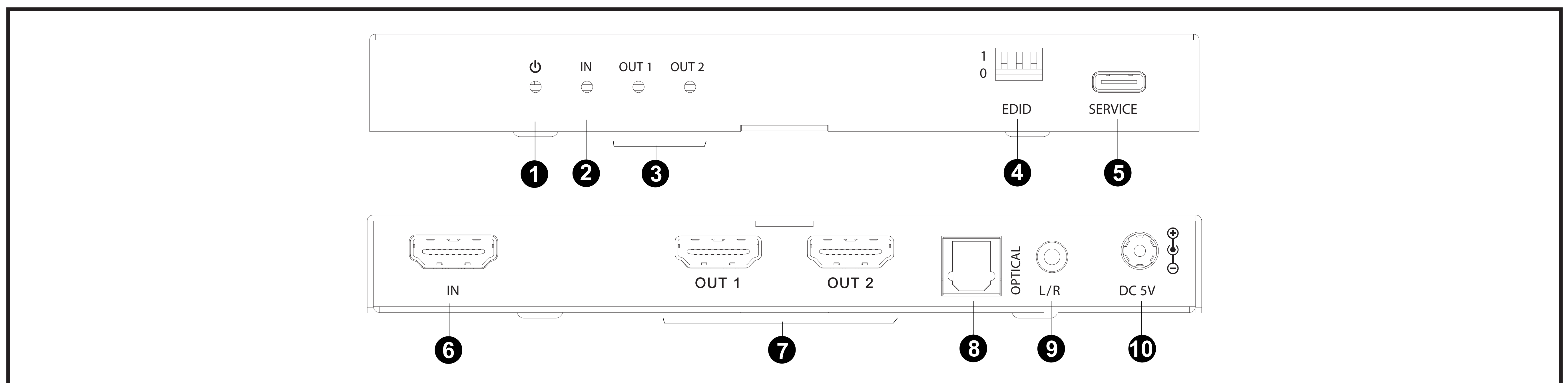
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY