



BK-202A

8K 2x2 HDMI™ Matrix (Audio Extract)

DIMENSIONS & WEIGHT:

Length: 145mm/5.71in **Width:** 68mm/2.67in
Height: 17mm/0.66in **Weight:** 268g/9.45oz

The **BK-202A** is a 2x2 HDMI Matrix that distributes 2 media sources to 2 displays, supporting resolutions up to 8K@60Hz, 4K@120Hz, and 1080p@240Hz. It complies with HDMI 2.1, HDCP 2.3, and delivers flawless transmission with 48Gbps FRL bandwidth. It supports HDR10+, Dolby Vision, HLG, and gaming features like VRR, ALLM, QMS, QFT, and SBTM. It features Optical and Analog outputs for audio extraction. With EDID management and a compact, plug-and-play design, it's ideal for both professional AV and home entertainment installations.

PACKAGE CONTENTS: 1x BK-202A, 1x Remote, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.1 and HDCP 2.3 Compliant** – Handles the latest video standards with full 8K and 4K HDR support.
- 40Gbps Video Bandwidth** – Ensures high-performance signal transmission for ultra-high-definition content.
- Supports up to 8K@60Hz & 4K@120Hz** – Enjoy resolutions like 8K@60Hz 4:2:0 and 4K@120Hz 4:4:4 at 10-bit depth.
- HDR10, HDR10+, Dolby Vision & HLG Pass-Through** – Delivers dynamic, lifelike visuals with high contrast and color.
- VRR, FVA & ALLM Support** – Optimized for gaming with reduced latency and smoother motion.
- HDMI Audio Format Support** – Compatible with LPCM, Dolby TrueHD, DTS-HD Master Audio, and more.
- Audio Extraction** – Extract audio via Optical and Analog outputs for flexible routing.
- Advanced EDID Management** – Maximizes compatibility with a wide range of displays and source devices.
- Dual Control Options** – Switch inputs using the front panel or the included IR remote.
- Compact & Versatile Design** – Functions as both a switcher and splitter—ideal for demos, teaching, or conference setups.

EXTENDING DISTANCE:

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

VIDEO OUTPUT:

Video Bandwidth	: 40 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
L/R Audio Formats	: PCM 2.0

POWER:

Power Consumption	: 6.2W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 5V/2A

SPECIFICATIONS

CONNECTIVITY:

INPUT:	2 × 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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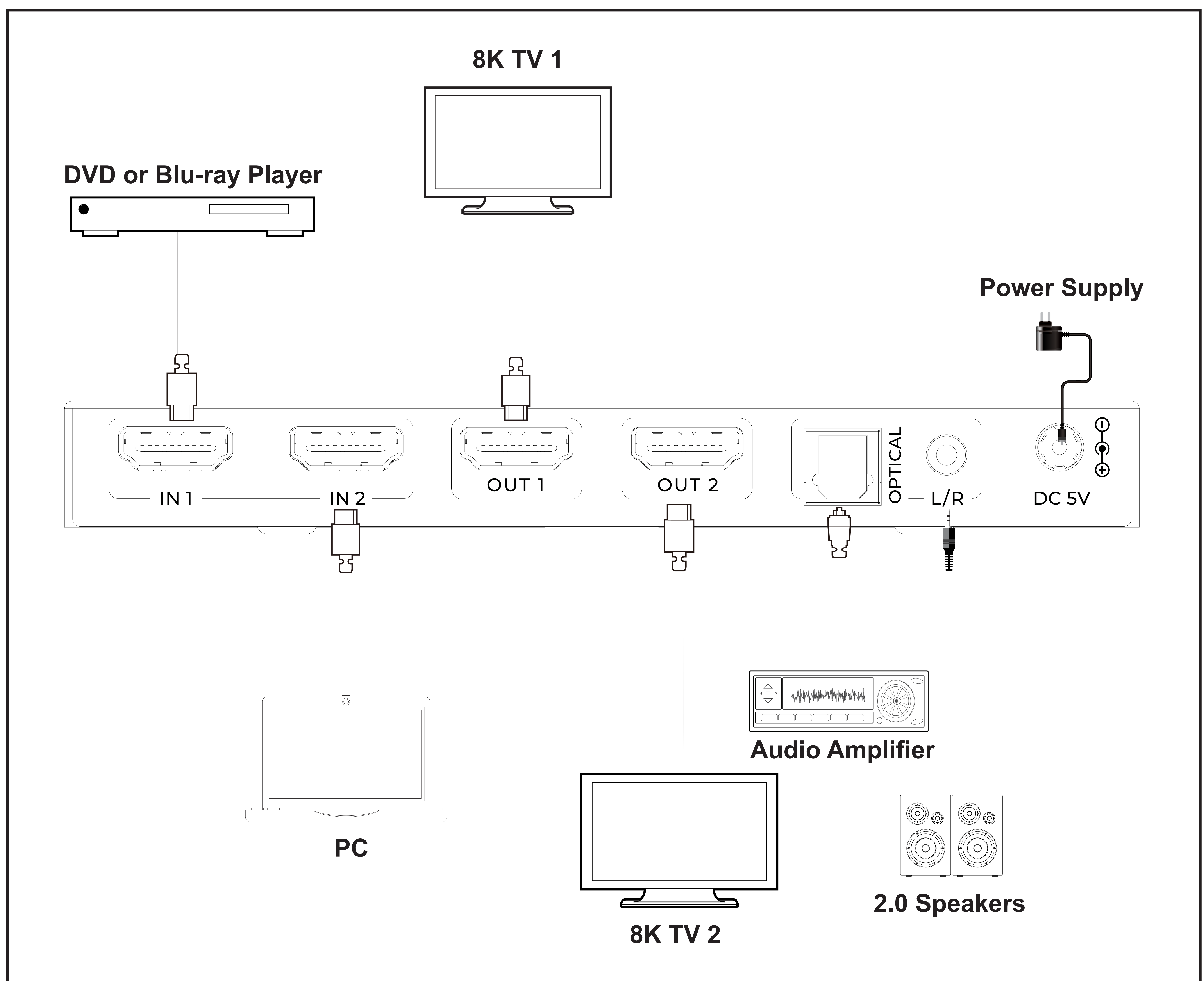
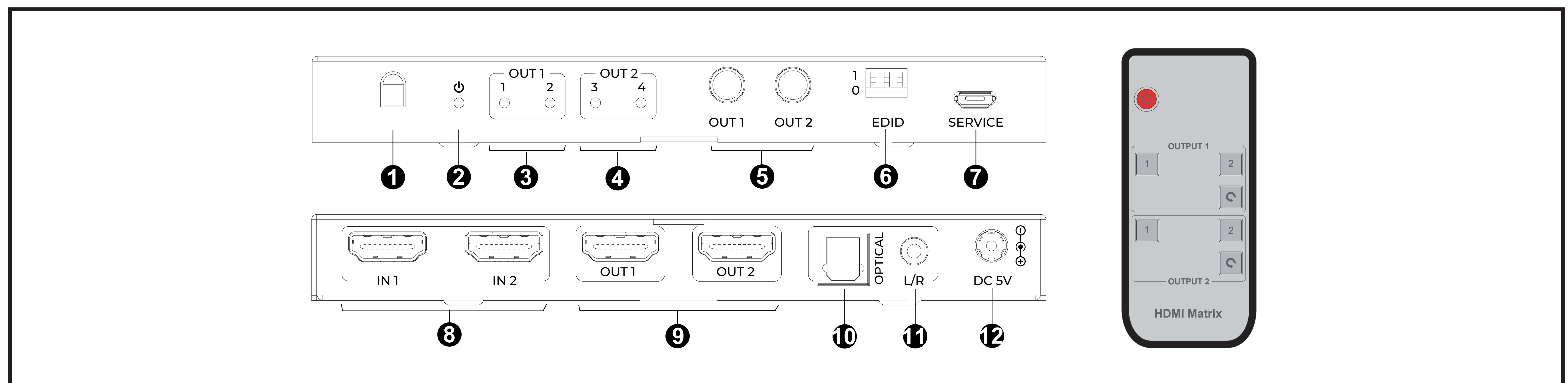


OVER 10 YEARS
EXPERIENCE





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY