



BK-402A

8K 4x2 HDMI™ Matrix (Audio Extract, eARC)

The **BK-402A** is a 4x2 HDMI matrix switcher that distributes video from four HDMI sources to two displays with independent routing. Supporting up to 8K@60Hz (4:2:0), 8K@30Hz (4:4:4), and 4K@120Hz with HDMI 2.1 and HDCP 2.3 compliance, it delivers premium visuals with 40Gbps bandwidth. Each output supports advanced downscaling from 8K to 4K/2K and 4K to 2K for compatibility with legacy displays. Features include HDR10+, Dolby Vision, HLG, Dolby Atmos, DTS:X, eARC, optical and analog audio outputs, EDID management, and intuitive control via front panel or remote.

DIMENSIONS & WEIGHT:
Length: 200mm/7.87in **Width:** 85mm/3.34in
Height: 21mm/0.82in **Weight:** 411g/14.49oz

PACKAGE CONTENTS: 1x BK-402A, 1x 5V/2A Multinational Power Supply, 1x IR Remote, User Manual

KEY FEATURES:

- HDMI 2.1 & HDCP 2.3 Compliant
- 40Gbps Video Bandwidth
- Video resolutions up to 8K@60Hz 4:2:0 10bit
- Also supports 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit
- VRR (Variable Refresh Rate), ALLM (Auto Low Latency Mode), FVA (Fast VActive) Support
- eARC support between Input 1 and Output 1
- Audio Extraction through Optical and Analog 3.5mm ports
- 8K to 4K and 8K/4K to 2K Downscale support

SPECIFICATIONS

CONNECTIVITY:

INPUT:	4 × HDMI IN [Type A, 19-pin female]
OUTPUT:	2 × HDMI Port [Type A, 19-pin female]
	1 × OPTICAL [S/PDIF, female]
	1 × L/R [3.5mm Stereo mini-jack]
CONTROL:	1x Micro USB-C Port for Firmware Update

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
----------	---

EXTENDING DISTANCE:

8k@30/60Hz	: 10 Feet
4k@120Hz	: 25 Feet

VIDEO OUTPUT:

Video Bandwidth	: 40 Gbps
Video Resolutions	: Up to 8K@60Hz 4:2:0 10bit, 8K@30Hz 4:4:4 10bit, 4K@120Hz 4:4:4 10bit

ADDITIONAL FEATURES

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

AUDIO SUPPORT:

HDMI Audio Formats	: HDMI Input/Output: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
--------------------	--

POWER:

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



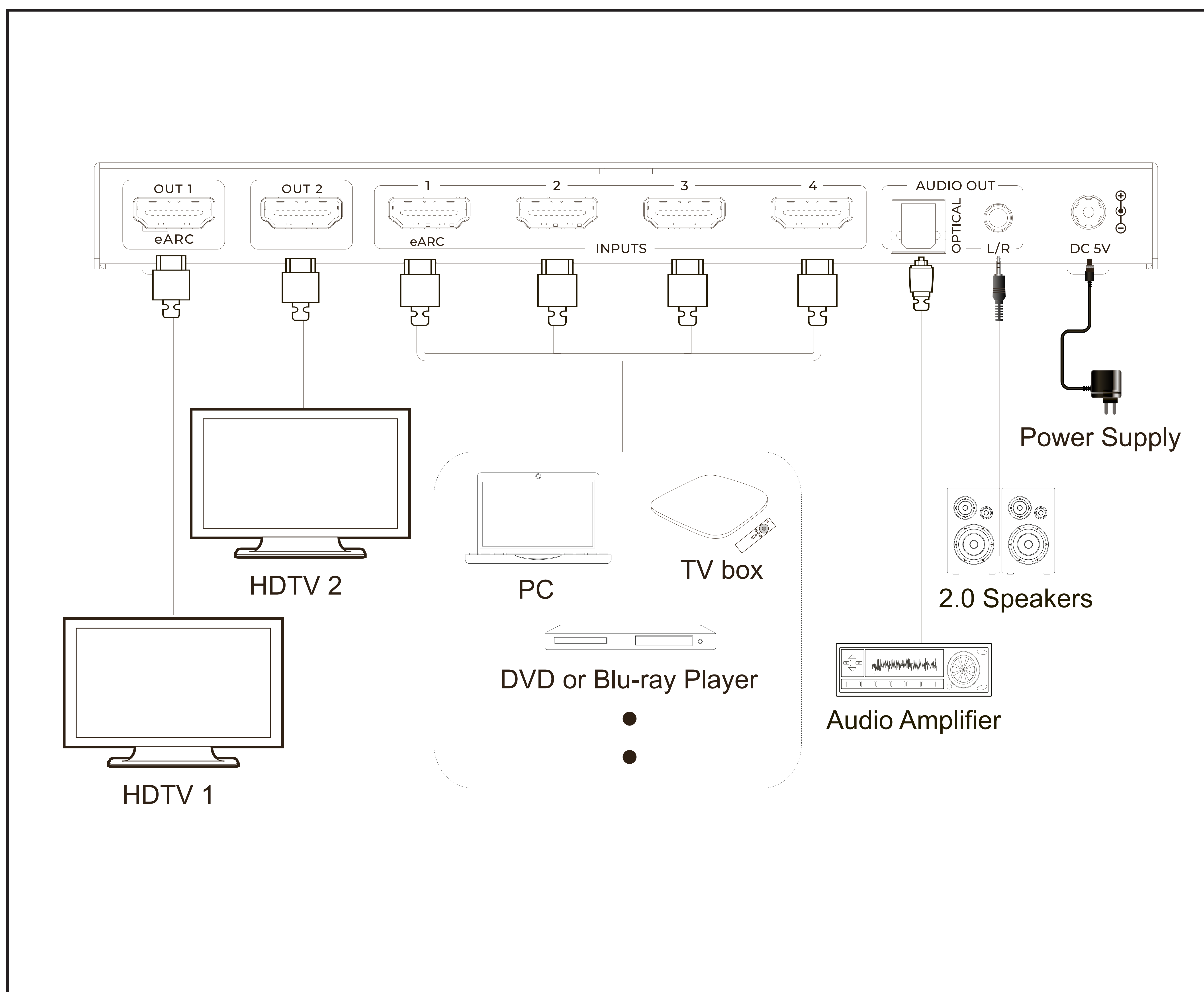
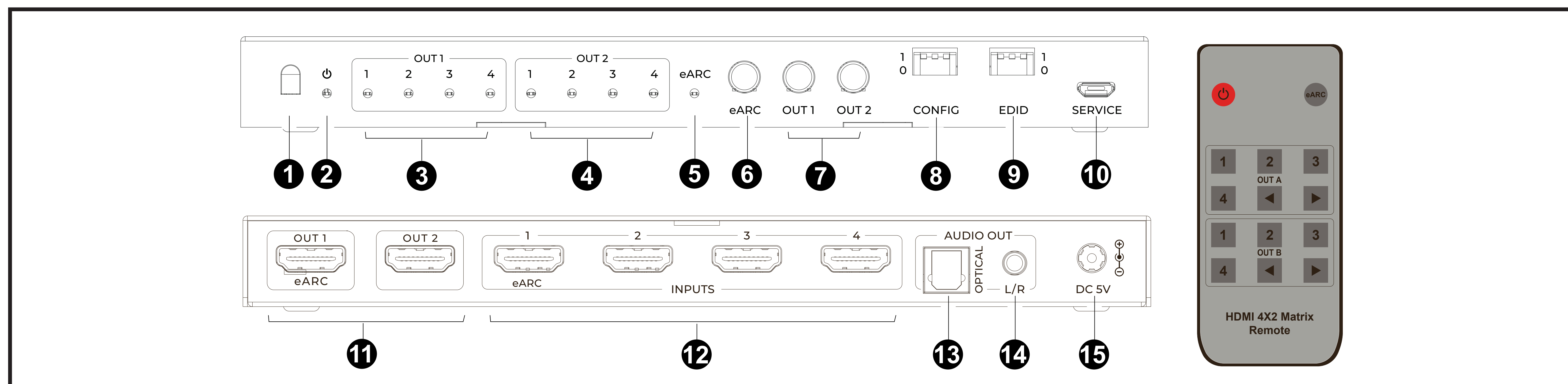
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY