



BK-404

8K 4x4 HDMI™ Matrix (Audio Extract)

DIMENSIONS & WEIGHT:

Length: 440mm / 17.32in **Width:** 203mm / 7.99in
Height: 44.5mm / 1.75in **Weight:** 2.65Kg / 5.84lb

PACKAGE CONTENTS: 1x BK-404, 1x Remote, 1x IR Receiver Cable, 2x Mounting Ears,8x Machine Screw (KM3*6), 4x 5pin-3.81mm Phoenix Connector, 1x RS-232 Serial Cable, 1x Power Cord (1.5m), 1x Power Adapter, User Manual

KEY FEATURES:

HDMI 2.1 and HDCP 2.3 Compliant – Supports up to 8K@60Hz 4:2:0 and 4K@120Hz 4:4:4 for stunning video clarity.

48Gbps FRL & 18Gbps TMDS Bandwidth – Handles high-performance data for seamless transmission.

4 HDMI Inputs & 4 Outputs – Independently route signals to multiple displays with ease.

HDR10+ & Dolby Vision Pass-Through – Delivers lifelike colors and contrast.

8K to 4K or 8K/4K to 1080p Downscaling – Automatically scales to match display capabilities.

VRR, ALLM, QMS, QFT, and SBTM Support – Ensures smooth gameplay and video playback.

Optical & Balanced Analog Audio Extraction – High-quality audio output for advanced setups.

Advanced EDID Management – Ensures optimal compatibility with connected devices.

Multiple Control Options – Front panel, IR remote, RS-232, and Web GUI for convenient management.

Compact & Professional Design – Ideal for home theaters, conference rooms, and AV setups.

The **BK-404** HDMI Matrix distributes content from four sources to four displays with resolutions up to 8K@60Hz (4:2:0) and 4K@120Hz (4:4:4). With 48Gbps bandwidth, HDMI 2.1 and HDCP 2.3 compliance, it delivers sharp visuals and smooth motion for pro and high-end home setups. It supports HDR10+, Dolby Vision, and gaming features like VRR, ALLM, QMS, QFT, and SBTM. Outputs feature auto downscaling, with audio extraction via optical and balanced analog. Control options include front panel, IR remote, RS-232, and web interface, with advanced EDID management.

SUPPORTED HDMI CABLES:

HDMI 2.1 : We recommend using high quality HDMI 2.1 cables under 15 feet for optimum performance

EXTENDING DISTANCE:

8K : 10 Feet
4K@120Hz : 25 Feet

VIDEO OUTPUT:

Video Bandwidth : 18Gbps TMDS, 48Gbps FRL
Video Resolutions : 8K@60Hz, 4K@120Hz, 1080p@240Hz

ADDITIONAL FEATURES

CEC Function : Yes
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 : Yes

AUDIO SUPPORT:

HDMI Audio Formats : LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Coaxial Audio Formats : LPCM 2.0CH/Dolby/DTS 5.1CH
L/R Audio Formats : LPCM 2CH

POWER:

Power Consumption : 35W (Max)
Power Supply: Input : AC 100-240V 50/60Hz
Output : DC 24V/2.7A

SPECIFICATIONS

CONNECTIVITY:

INPUT: 4 × HDMI IN [Type A, 19-pin female]
OUTPUT: 4 × HDMI [Type A, 19-pin female]
4x Optical [S/PDIF]
4 × L/R [5-pin Phoenix connector]
CONTROL: 1 × TCP/IP [RJ45]
1 × RS-232 [D-Sub 9]
1 × IR EXT [3.5mm Stereo Mini-jack]

COMPLIANCES:

HDMI Compliance : HDMI 2.1
HDCP Compliance : HDCP 2.3



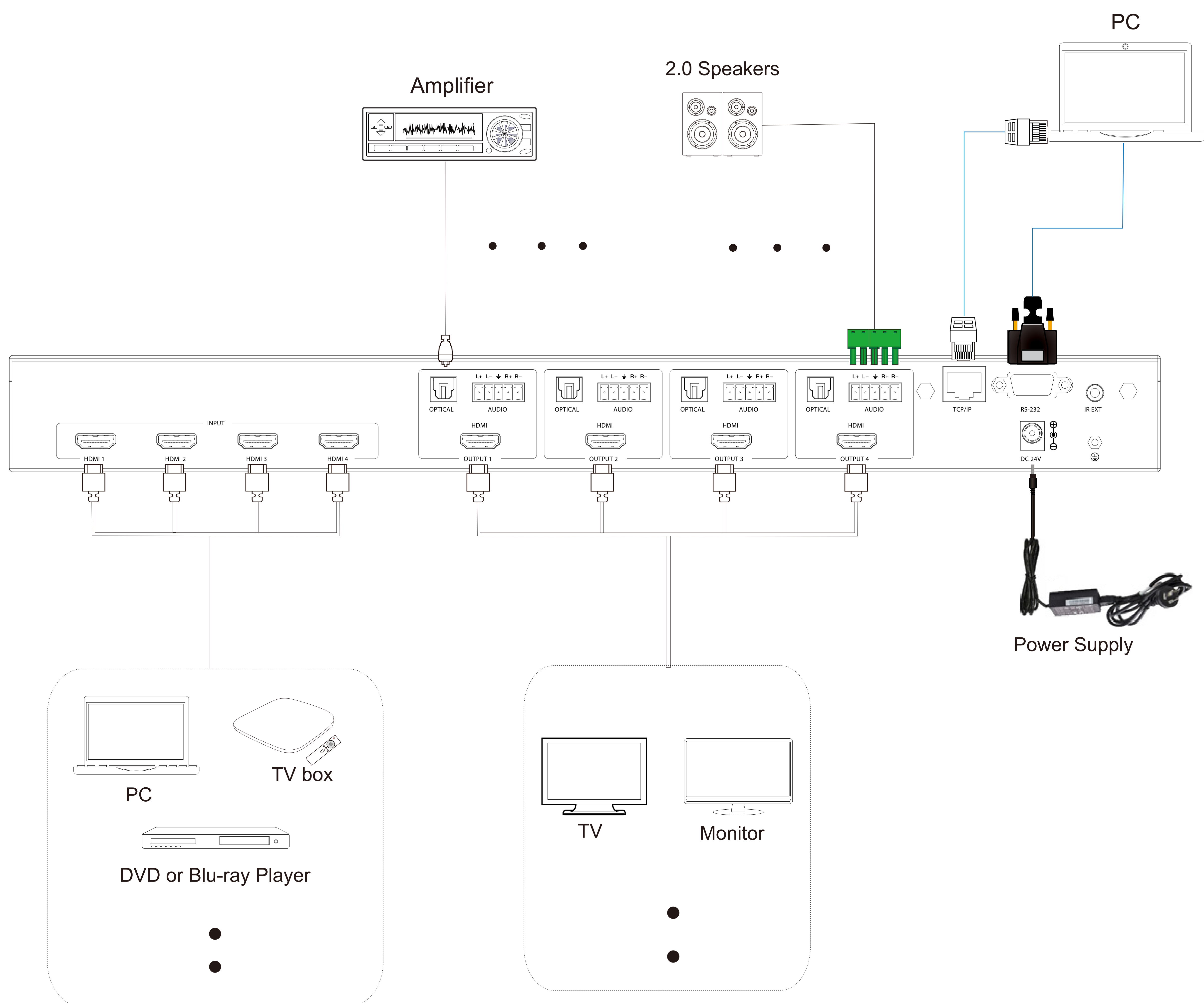
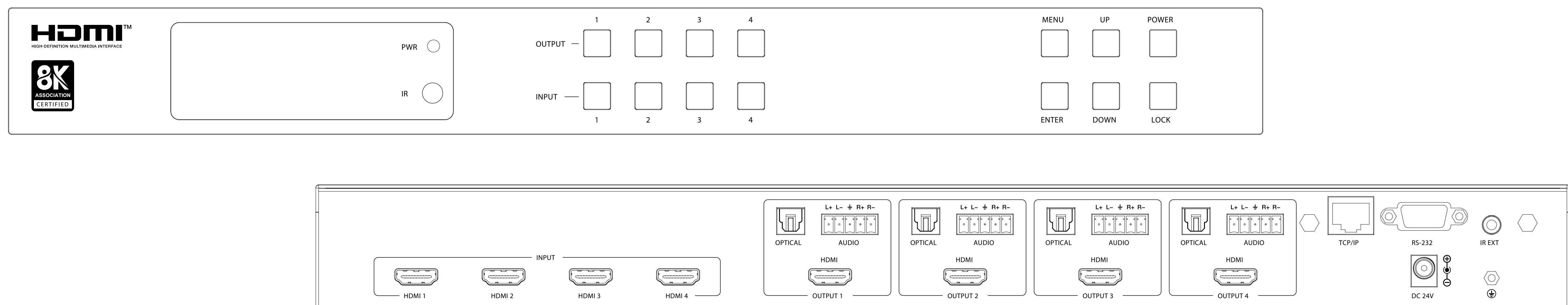
OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY



CONNECTION DIAGRAM



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