



UHDS-402A

4K@60hz 4x2 HDMI™ Matrix (Audio Extract)

The **UHDS-402A** is a 4x2 HDMI switcher that connects up to four HDMI sources to two displays simultaneously. Supporting resolutions up to 4K@60Hz (4:4:4) with 18Gbps bandwidth, it ensures sharp detail and vibrant color. Compatible with Dolby Vision, HDR10+, and HLG, it enhances image quality on modern displays. Audio can be extracted via optical SPDIF or analog stereo, with ARC for simplified return. One output supports 4K to 1080p downscaling, ensuring compatibility with mixed displays. Control is easy via IR remote or front panel.

DIMENSIONS & WEIGHT:

Length: 105mm / 4.13in **Width:** 251mm / 9.88in
Height: 20mm/0.78in **Weight:** 620g/1.36lbs

PACKAGE CONTENTS: 1x UHDS-402A, 1x Remote, 2x Mounting ears, 1x Power Adapter, User Manual

KEY FEATURES:

- HDMI 2.0, HDCP 2.2 / 1.4 & DVI 1.0 Compliant – Ensures broad compatibility with modern and legacy HDMI devices.
- 4 HDMI Inputs + 2 HDMI Outputs – Easily switch between four sources to display on two monitors or TVs.
- Supports Resolutions Up to 4K@60Hz (4:4:4) – Uncompressed ultra-high-definition video with lifelike color and clarity.
- 18Gbps Bandwidth on All HDMI Ports – Handles the full bandwidth of HDMI 2.0 for high-performance AV transmission.
- HDR Format Support – Compatible with Dolby Vision, HDR10+, and HLG for rich, dynamic visuals.
- Built-in Audio Extractor – Extracts HDMI input audio (from OUT A or OUT B) to optical (TOSLINK) and analog L/R outputs.
- 4K to 1080p Downscaling – Independently downscale 4K content to 1080p for displays that don't support UHD.
- ARC (Audio Return Channel) – Allows audio to be sent from the TV back to an AV receiver or soundbar over a single HDMI cable.
- Advanced EDID Management – Includes AUTO, COPY, and STD modes to ensure compatibility with various displays.
- Flexible Control Options – Operate via front panel buttons or included IR remote for convenient source switching.

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	: PCM 2.0/5.1/7.1, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
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POWER:

Power Consumption	: 3.8W (Max)
Power Supply:	Input : AC 100-240V 50/60Hz Output : DC 12V/1A

SPECIFICATIONS

CONNECTIVITY:

INPUT:	4 × HDMI [Type A, 19-pin female]
OUTPUT:	2 × HDMI [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 2.0
HDCP Compliance	: HDCP 2.4 and HDCP 1.4

SUPPORTED HDMI CABLES:

HDMI 2.0/2.1	: We recommend using high quality HDMI 2.1 cables under 25 feet for optimum performance
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EXTENDING DISTANCE:

4k2k@30Hz, 4k2k@50/60Hz	: 30 Feet
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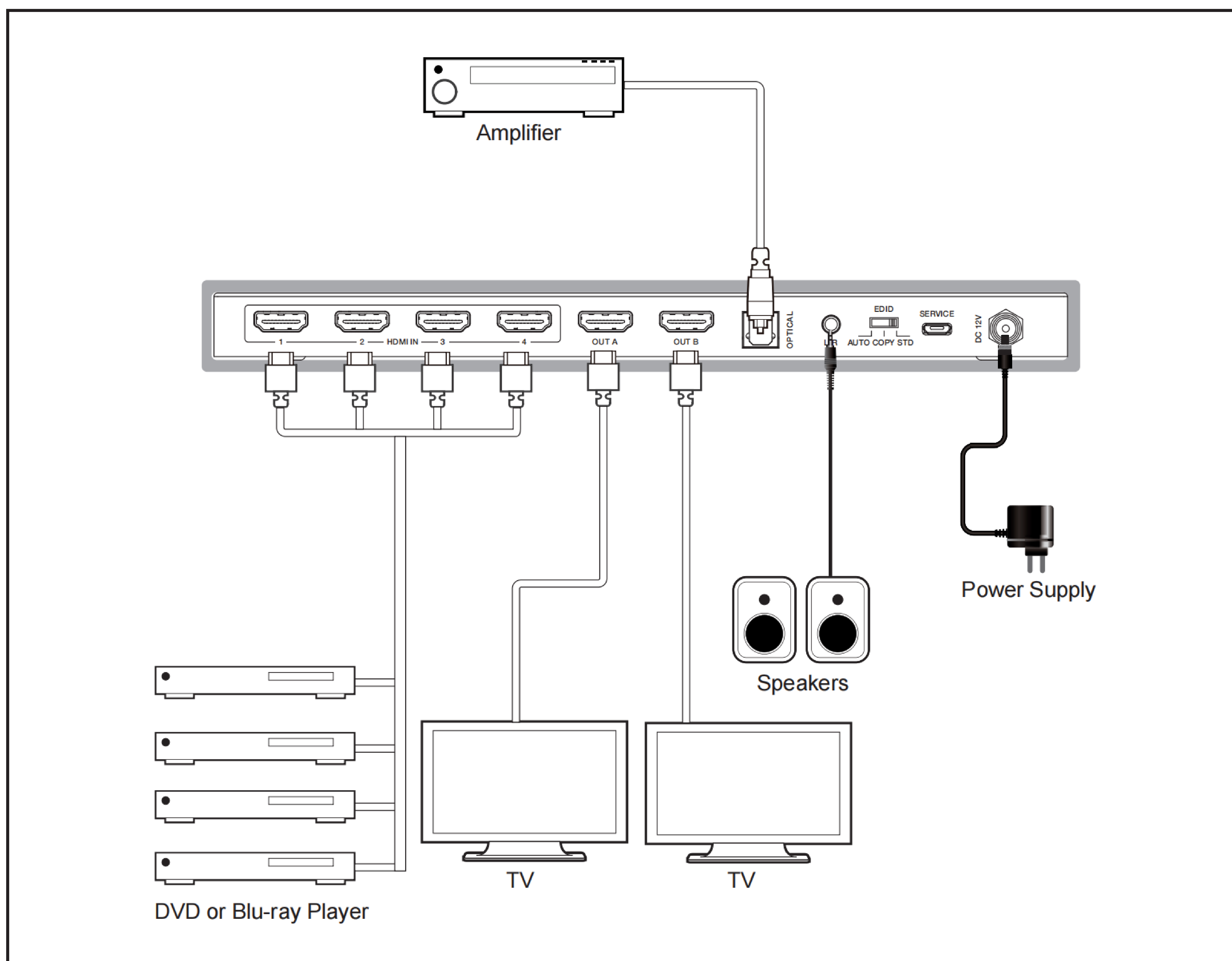
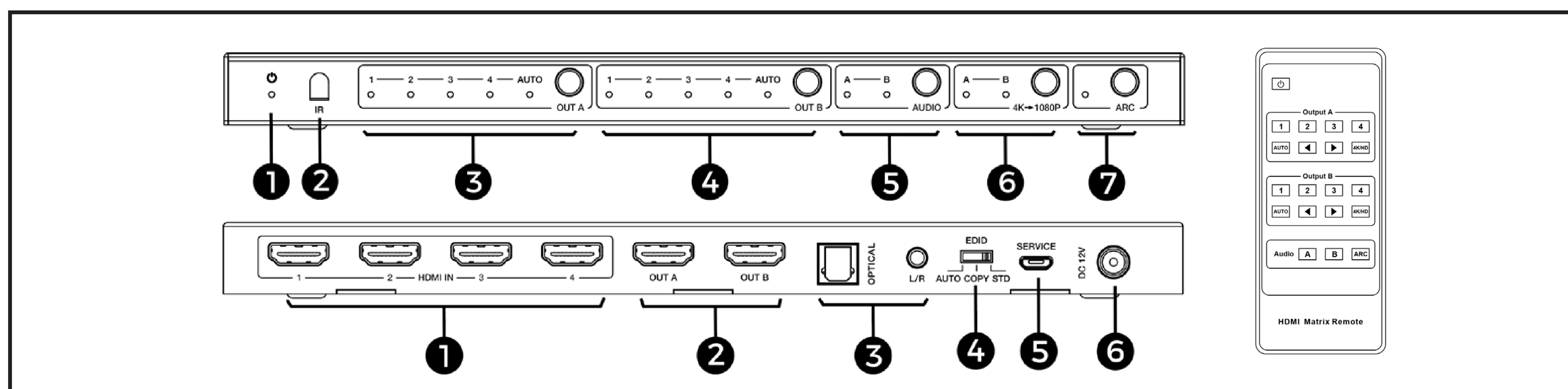
VIDEO OUTPUT:

Video Bandwidth	: 18Gbps
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CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY