



BK-401ARC

8K 4-port HDMI™ Switch (eARC, Audio Extract)

The **BK-401ARC** is a 4x1 HDMI switch that connects up to four HDMI sources to one display and supports ARC/eARC audio return with extraction via S/PDIF and L/R outputs. It complies with HDMI 2.1 and HDCP 2.3, supporting up to 8K@60Hz 4:2:0 and 4K@120Hz 4:4:4 resolutions with 48Gbps FRL and 18Gbps TMDS bandwidth. It features HDR10+, Dolby Vision, HLG, and gaming enhancements like VRR, ALLM, QMS, QFT, and SBTM. CEC control allows unified remote operation. Compact, with EDID management and plug-and-play functionality, it's perfect for home or commercial setups.

DIMENSIONS & WEIGHT:

Length: 176mm/6.92in **Width:** 68mm/2.67in

Height: 18mm/0.7in **Weight:** 315g /11.11oz

PACKAGE CONTENTS: 1x BK-401ARC, 1x IR Remote, 1x Power Adapter, User Manual

KEY FEATURES:

HDMI 2.1 and HDCP 2.3 Compliant – Ensures compatibility with the latest video standards.

48Gbps FRL & 18Gbps TMDS Bandwidth – Provides high-speed, uncompressed signal transmission.

Resolutions up to 8K@60Hz and 4K@120Hz – Delivers ultra-high-definition video with vibrant colors and clarity.

HDR10+, Dolby Vision, and HLG Pass-through – Enhances picture quality with superior contrast and brightness.

ARC/eARC Support – Easily connect an ARC/eARC Soundbar and ARC/eARC TV for enhanced audio experience.

VRR, ALLM, QMS, QFT, and SBTM Support – Ensures smooth, lag-free viewing and gaming experiences.

CEC Control – Allows control of soundbar and connected devices via TV remote.

Advanced EDID Management – Provides flexible configuration for different display setups.

Plug-and-Play Setup – Easy installation with no additional configuration required.

Compact Design – Space-saving and ideal for a range of installations.

SPECIFICATIONS

CONNECTIVITY:

INPUT: 4 × HDMI IN [Type A, 19-pin female]

OUTPUT: 1 × HDMI OUT [Type A, 19-pin female]

1 × OPTICAL [S/PDIF]

1 × L/R [3.5mm Stereo Mini-jack]

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

EXTENDING DISTANCE:

8K@60Hz : 10 Feet

4K@60Hz : 25 Feet

1080p@60Hz : 30 Feet

VIDEO OUTPUT:

Video Bandwidth : 48Gbps FRL and 18Gbps TMDS

Video Resolutions : Up to 8K@60Hz 4:2:0

ADDITIONAL FEATURES

CEC Function : Yes

ARC Function : Yes

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 Input/output

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, DTS:X, DSD

eARC 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, DTS:X, DSD

Optical Audio Formats : LPCM 2.0CH/Dolby/DTS 5.1CH

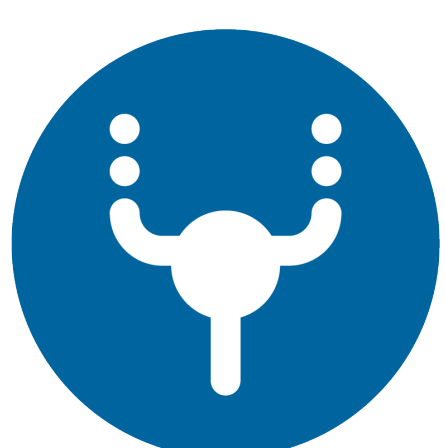
Analog Audio Formats : LPCM 2.0CH

POWER:

Power Consumption : 2.5W (Max)

Power Supply: Input : AC 100-240V 50/60Hz

Output : DC 5V/1A

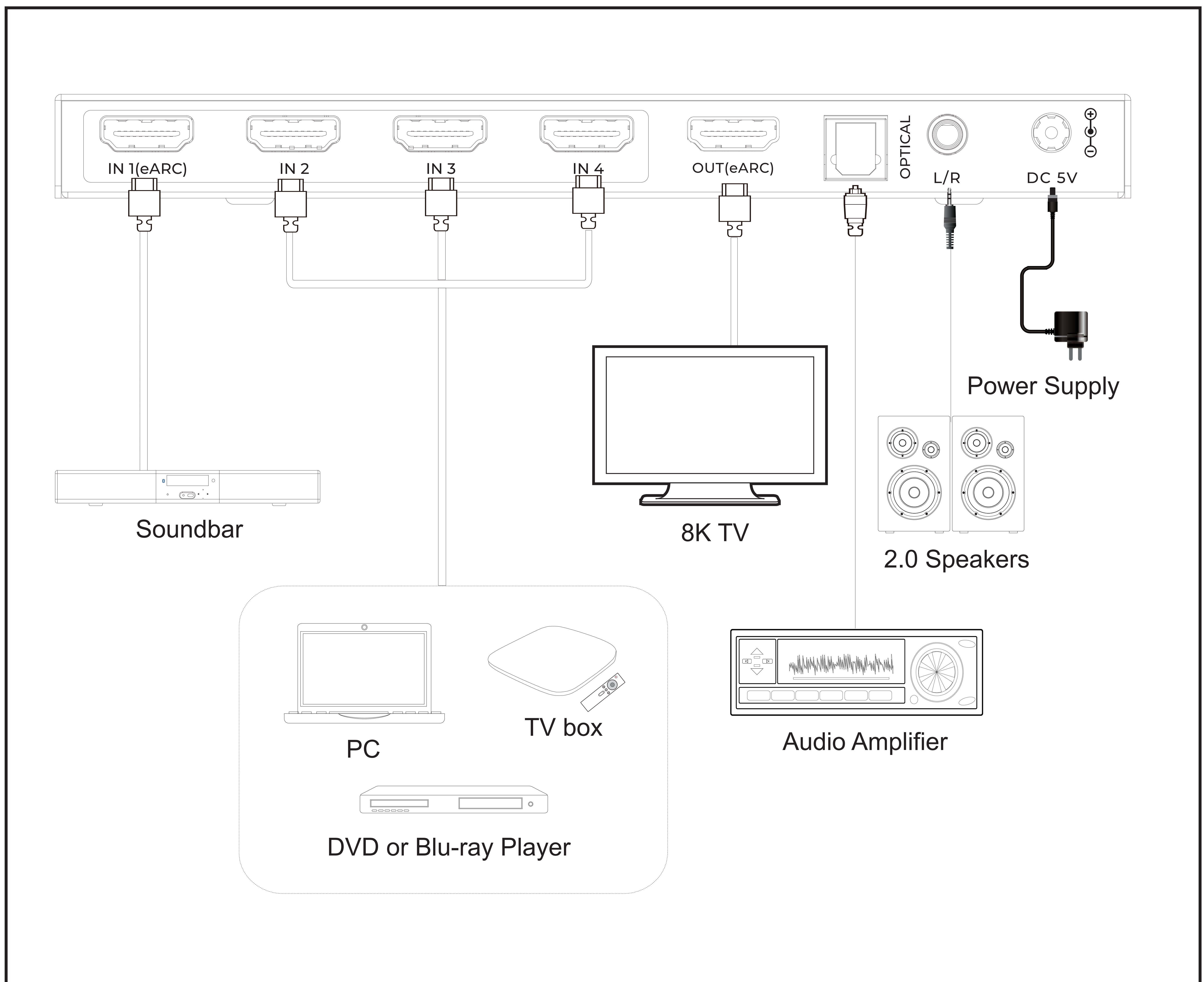
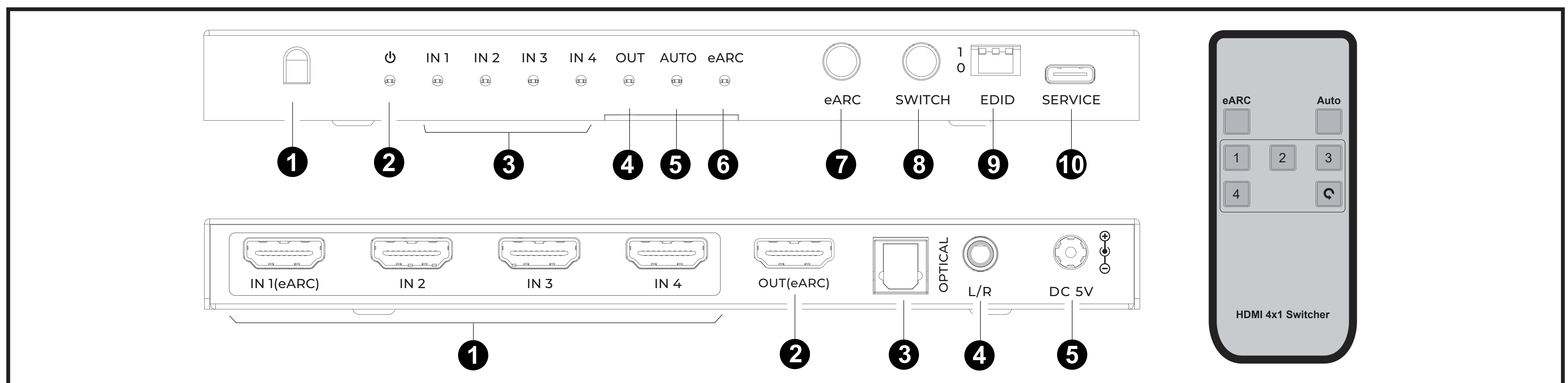


OVER 10 YEARS
EXPERIENCE





CONNECTION DIAGRAM



OVER 10 YEARS
EXPERIENCE



FULL 1 YEAR
LIMITED WARRANTY