

8K HDMI Audio Extractor with eARC for AV Receivers

8K 1 In 2 Out HDMI Audio Extractor with Audio De-embedding

MPN: AUD-SBAR-8K

The **KanexPro AUD-SBAR-8K** HDMI eARC Audio to Soundbar Adapter is designed for de-embedding audio signals from an HDMI source or TV with ARC/eARC to output HDMI audio to Soundbar. It supports data rates up to 48Gbps complying with HDMI 2.1 and HDCP 2.3 requirements. It is compatible with UHDTV 8K@60Hz. It includes several features for ease of integration, such as EDID management and cable equalization. It provides an easy solution for HDMI installations to send audio signals to a Soundbar. CEC control from TV to the source and Soundbar is also supported.

Industry Standard

HDCP 2.2 authentication is present always on this Input card ensuring proper handshake of the protected content. It also maintains resolution up to 4K i.e. 3840x2160@60Hz 4:4:4 (8bit). 1920x1200 and 1080p/60 is a standard for all our matrix switchers.

Applications:

- Connecting Non-eARC TVs to eARC Soundbars
- Home Theater Systems
- Gaming Consoles
- Streaming Devices
- Blu-ray Players with 8K Support
- Simplifying Cable Management
- Upgrading to Dolby Atmos or DTS



Key Benefits of Using HDMI 8K Soundbar Adapters with eARC

- High-Quality Audio
- 8K Video Compatibility
- Simplified Setup
- Future-Proofing
- Enhanced Audio Return Channel (eARC)
- Compact Design

FEATURES

- HDMI 2.1 and HDCP 2.3 compliant
- Support 48Gbps FRL and 18Gbps TMDs video bandwidth
- Support video resolution up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
- HDMI 2.1 protocols: VRR, ALLM, QMS, QFT, SBTM are supported
- HDR, HDR 10, HDR 10+, Dolby Vision, HLG pass-through
- LPCM 7.1CH, Dolby TrueHD, Atmos and DTS-HD Master, DTS:X Audio pass-through
- HDMI input audio or TV eARC audio de-embedded to any Soundbar
- Full audio up to Dolby Atmos/DTS:X from eARC TV to SONOS ARC & Beam or any eARC Soundbar
- Support CEC control from TV to the source and Soundbar
- Support CEC volume control from TV to any sound system
- Advanced EDID management

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps FRL and 18Gbps TMDs
Video Resolution	Up to 8K@60Hz 4:2:0 12bit, 4K@120Hz 4:4:4 12bit
Audio Latency	No Latency
Video Latency	No Latency
Color Space	RGB_4:4:4, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
Color Depth	8/10/12bit
Audio Formats	HDMI IN/OUT: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DSD, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X eARC AUDIO OUT: LPCM, Dolby Digital/Plus/EX, Dolby True HD, Dolby Atmos, DTS, DSD, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DTS:X
HDR	HDR, HDR10, HDR10+, Dolby Vision, HLG
ESD Protection	IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Video Resolution 8K@60 4K@60 4K@30 1080P				
HDMI Cable Type	Ultra HDMI 2.1	HDMI 2.0	HDMI 1.4	HDMI 1.4
HDMI Cable Length (HDMI IN / OUT)	2m/6.6ft	5m/16ft	10m/33ft	15m/49ft
The use of "Premium High-Speed HDMI" cable is highly recommended.				

Mechanical	
Housing	Metal Enclosure
Colour	Black
Dimensions	95mm [W] × 68mm [D] × 18mm [H]
Weight	178gm
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	4.13W (Max)
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20-90% RH (non-condensing)

Connection	
Input	1 × HDMI IN [Type A, 19-pin female]
Output	1 × HDMI OUT [Type A, 19-pin female] For TV(eARC) 1 × HDMI OUT [Type A, 19-pin female] For Soundbar eARC
Control ports	1 × SERVICE [USB Type C, Update port]

APPLICATION DIAGRAM

