



1x2 HDMI 2.0 Splitter /w Audio De-embedded & Downscale 18Gbps

The 1x2 HDMI 2.0 Splitter simultaneously routes one HDMI source to two HDMI displays. Supporting resolutions up to 4K2K@60Hz (4:4:4) and HDCP 2.2. The VLSP-AS12H20 can extract audio from the HDMI source to optical and analog outputs. Selecting: COPY, AUTO modes EDID settings. Output supports bypass and downscale(4K->1080P) functions.

Featured Highlights

- HDMI 2.0b, HDCP2.2/HDCP1.4 compliant.
- Supports HDMI resolution the maximum up to 4K2K@50/60Hz (4:4:4)
- Supports digital and analog audio extract output from HDMI source.
- Supports output bypass and 4K->1080P downscale function via dial switch on panel.
- EDID can be selected COPY and AUTO modes via dial switch on panel.
- Supports HDMI audio format LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX,DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

TECHNICAL

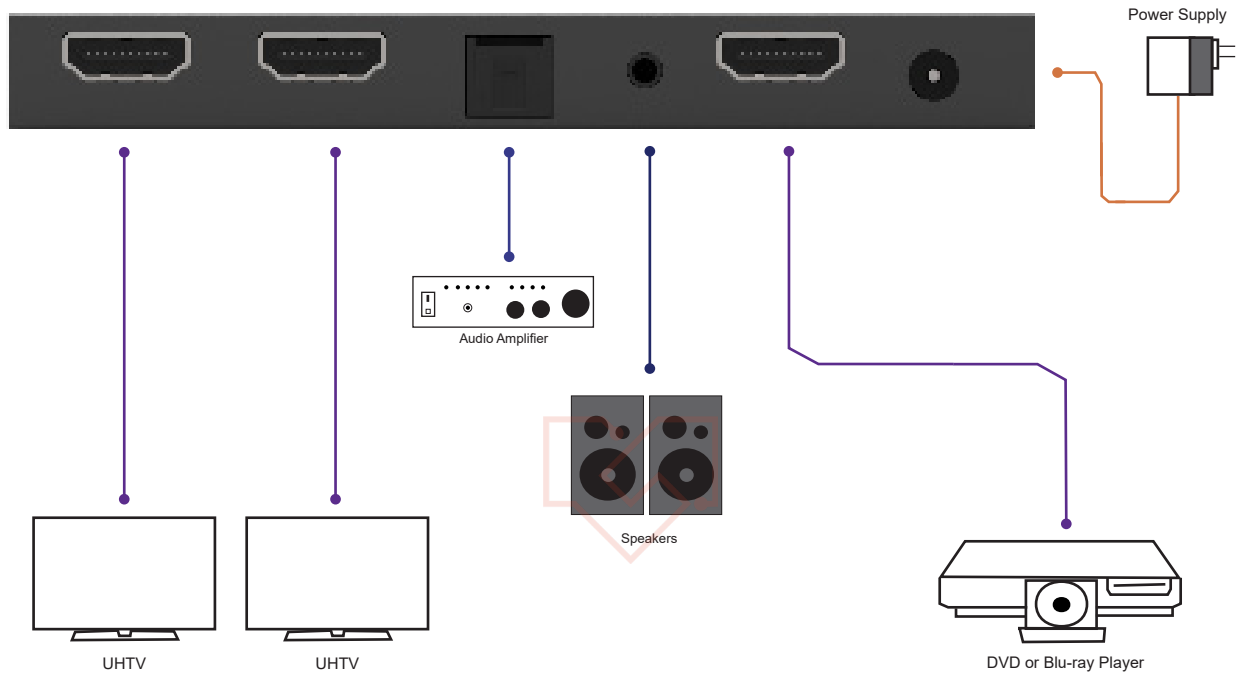
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18Gbps
Video Resolutions	720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)
Color Depth	4K60Hz 8-bit, 1080P 12-bit
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
L/R Audio Formats	PCM 2.0
Optical Audio Formats	LPCM [2.0/2.1]CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6, DTS-HDMA 5.1, DTS HD-HRA 5.1
ESD Protection	Human-body Model : ±8kV (Air-gap discharge) , ±4kV (Contact discharge)

CONNECTIONS

Input ports	1×HDMI Type A [19-pin female]
Output Ports	2×HDMI Type A [19-pin female] 1×L/R Audio out [3.5mm Stereo Mini-jack] 1×Optical out [S/PDIF]

MECHANICAL

Housing	Metal Enclosure
Color	Black
Dimensions	120mm(W)×62.5mm(D)×14mm(H)
Weight	166g
Power Supply	Input: AC100~240V 50/60Hz, Output: DC5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	2.8W (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-Condensation)

APPLICATION EXAMPLE


Color Legend	
■	LAN Connection
■	Fiber Connection
■	Cooper Cable
■	Audio
■	USB
■	HDMI
■	DisplayPort
■	Control

Applications

Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms