

NEXIS

HSP104A

1x4 HDMI 2.0 Splitter with Scaler/Audio Extract



1. Introduction

The 1x4 HDMI 2.0 Splitter simultaneously one route HDMI source to four routes HDMI display. It supports resolution up to 4K2K@60Hz (4:4:4) and HDCP 2.2. This product supports audio extract from HDMI source to optical and analog output. It can be selected COPY, AUTO modes EDID setting. Output supports bypass and downscaler(4K->1080P) function.

2. Features

- ☆ 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 downscaler function via dial switch on panel.
- ☆ EDID can be selected COPY and AUTO modes via dial switch on panel.
(COPY: It copys OUT 1 port EDID setting to all outputs port, If no HDMI OUT 1 capable EDID is detected then the unit will copy HDMI OUT 2. If no HDMI OUT 1~2 capable EDID is detected then the unit will copy HDMI OUT 3...etc. The priority order is OUT 1 to OUT 4.
AUTO: Compare OUT 1~OUT 4 EDID setting and output the best resolution to all outputs).
- ☆ Supports analog audio PCM 2.0.
- ☆ Supports optical audio pass-through format about LPCM 2.0/2.1/5.1CH, Dolby 5.1, Dolby True HD, Dolby DD+, DTS 5.1, DTS-ES 6/DTS-HDMA 5.1, DTS HD-HRA 5.1.

3. Package Contents

- ① 1× 1×4 HDMI 2.0 Splitter
- ② 1× 5V/1A Power Adapter
- ③ 1× User Manual

4. Specifications

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18Gbps
Video Resolution	720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	4K60Hz 8-bit, 1080P 12-bit
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: $\pm 8\text{kV}$ (Air-gap discharge) , $\pm 4\text{kV}$ (Contact discharge)
Connections	
Inputs	1×HDMI Type A [19-pin female]
Outputs	4×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	180mm(W)×62mm(D)×14mm(H)
Weight	227g
Power Supply	Input: AC100~240V 50/60Hz Output: DC5V/1A(US/EU standards , CE/FCC/UL certified)
Power Consumption	3.5W
Operating 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)

5. Application Example

