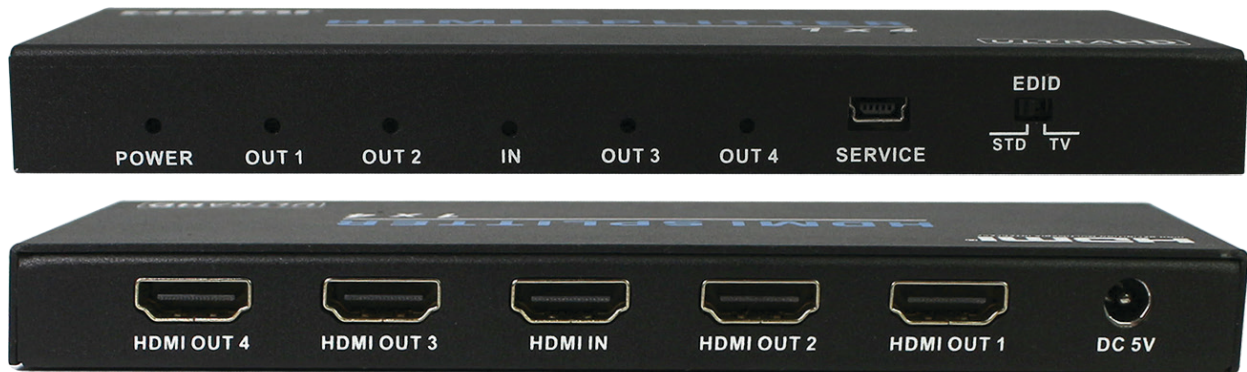


ARC-SP184

4 Way HDMI Splitter 4K@60Hz 18G



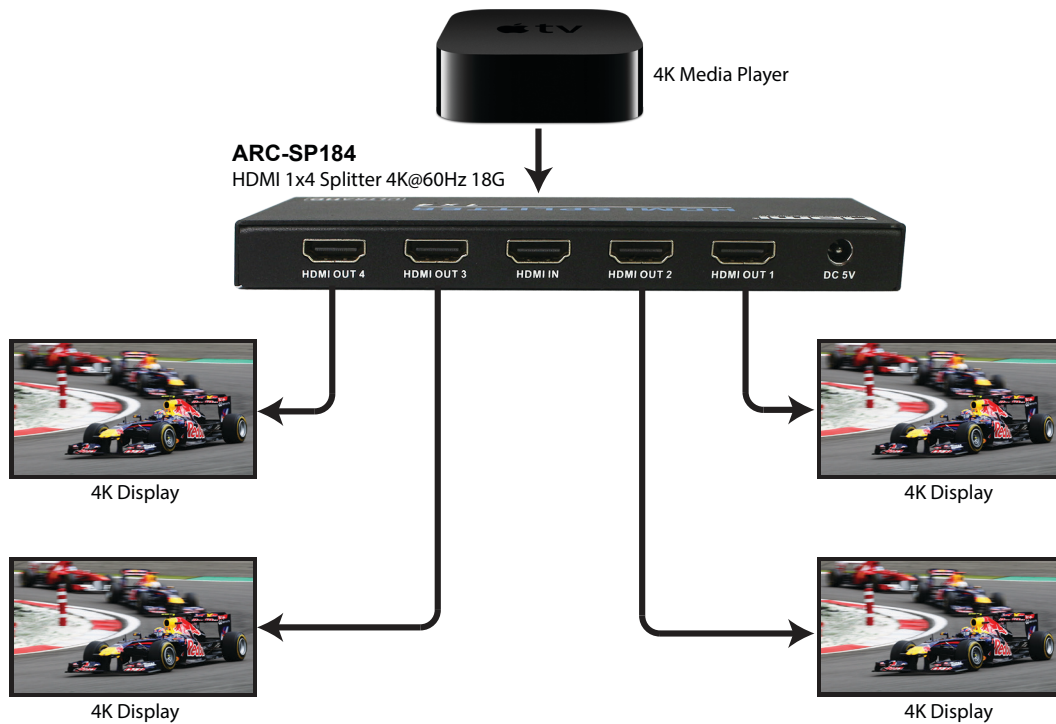
Introduction

The ARC-SP184 is a 1x4 HDMI distribution amplifier for high dynamic range (HDR) formats. It is HDCP 2.2 compliant and supports 4K/UHD video @ 60 Hz with 4:4:4 chroma sampling, as well as HDMI data rates up to 18 Gbps. The ARC-SP184 is ideal for applications requiring the latest as well as emerging 4K/UHD and HDR sources and displays. It is compatible with all video resolutions, audio formats, and colour space formats supported in the HDMI 2.0a specification, plus the ability to pass metadata for HDR content. This ARC-SP184 includes EDID management features and front panel LED indicators for power and signal status.

Features

- 4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling, plus support for HDR formats
- HDCP 2.2 compliant
- EDID management
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio
- HDMI input supports 'Standard' mode and 'TV' mode EDID settings
- Front panel LED indicators for power and signal status.
- Compact design for an easy and flexible installation

Wiring Diagram



Specifications

Technical	
HDMI Compliance	HDMI 2.0a
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@60Hz(4:4:4),4K2K@30Hz,1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
Audio Formats	PCM 2CH, LPCM 5.1, LPCM 7.1, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	4x HDMI Type A [19-pin female] 1x 3.5mm Stereo Mini-jack [RS-232] 1x 3.5mm Stereo Mini-jack [Infrared Receiver]
Outputs	1x HDMI Type A [19-pin female] 1x Stereo Audio Out with Toslink [3.5mm Stereo Mini-jack]
Mechanical	
Housing	Metal Enclosure
Dimensions	180mm [W] x 85mm [D] x 11.6mm [H]
Net Weight	300g
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption (Max)	2.5W
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)