



# Pro AV/IT Integrator Series™ HDMI 4K60Hz UHD 1x2 Distribution Amplifier Splitter with Audio Extraction, EDID Management and 4K to 1080p Down-Scaler

## Versatile AV Distribution

Comprehensive's CDA-1218GAE is a HDMI 1x2 Splitter that distributes 1 HDMI source signal to 2 HDMI displays simultaneously which supports resolutions up to 4K2K@50/60Hz (4:4:4) 18Gbps. The CDA-1218GAE is able to extract audio from the HDMI source to both optical and analog outputs simultaneously. This HDMI splitter offers two EDID modes (COPY/AUTO) and all output ports support signal bypass and video downscaling (4K to 1080p).

## Digital and Analog Audio De-embedding

The CDA-1218GAE is readily equipped with an optical SPDIF and a 3.5mm audio output port for de-embedding analog audio from the HDMI output which makes it simpler to connect your audio amplifier or entertainment system.

## 4K to 1080p Video Down-Scaler

The CDA-1218GAE has the capabilities to independently down-scale the HDMI output from 4K resolution to 1080p, which makes it possible to transmit 4K resolutions to 1080p displays/ monitors without any issues.

## A Must Have Device for Every AV Space

Ideal for use in media rooms, digital signage space, court rooms, classrooms, conference rooms, places of worship and anywhere HDMI source devices needs be distributed to multiple HDMI displays.

## Peace of Mind in Every Connection and Quality You Can Count On

Since 1974, Comprehensive has been a trusted manufacturer of top-notch commercial-grade solutions for AV and IT professionals. This product upholds that longstanding tradition with its use of premium materials, components, and rigorous quality control measures, guaranteeing years of reliable and hassle-free usage. Additionally, all components are supported by Comprehensive's 3 Year Warranty, providing you with the confidence that this product will continue to perform flawlessly for many years ahead.

## Features

- HDMI 2.0b, HDCP2.2/HDCP1.4 compliant
- Supports 18Gbps video bandwidth
- Supports video resolution up to 4K2K@50/60Hz (4:4:4)
- Supports digital and analog audio extract output from HDMI source
- Output ports support signal bypass and 4K to 1080P down-scaler function via the dial switch on panel
- EDID can be selected COPY and AUTO modes via the 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
- 3 Year Warranty



SPLITTERS

**CDA-1218GAE**



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## Specifications

### I/O Connections

Splitter Inputs:

1x HDMI input [Type A, 19-pin female]

Outputs:

2x HDMI Type A [19-pin female]

1x L/R Audio out [3.5mm Stereo Mini-jack]

1x Optical out [S/PDIF]

### Technical

HDMI Compliance: HDMI 2.0b

HDCP Compliance: HDCP 2.2, HDCP 1.4

Video Bandwidth: 18Gbps

HDMI Input Resolution: 720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)

HDMI Output Resolution: 720P50/60Hz, 1080P50/60Hz, 4K2K24Hz, 4K2K30Hz, 4K2K@50/60Hz (4:4:4)

Color Space: RGB, YCbCr 4:4:4, YCbCr 4:2:2, YUV 4:2:0

Color Depth: 8-bit (4K60Hz), 12-bit (1080P)

HDR: HDR10, HDR10+, Dolby Vision, HLG

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

### Power & Regulatory

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

Output: DC 5V/1A

Power Consumption: 2.8W (Max)

ESD Protection: IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Regulatory: (US/EU standard, CE/FCC/UL certified)

Prop 65 Compliant: No

### Chassis and Environmental

Construction: Metal Enclosure

Color: Black

Dimensions: 120mm/4.7in(W)×62.5mm/2.5in(D)×14mm/.5in(H)

Operating Temperature: 0°C ~ 40°C / 32°F ~ 104°F

Operating Humidity: 20 - 90% RH (no condensation)

Storage Temperature: -20°C ~ 60°C / -4°F ~ 140°F

### Weight

2lbs

### Package Contents

1x CDA-1218GAE (1x2 HDMI Splitter)

1x 5V/1A Power Adapter

1x User Manual

### Warranty

3 years

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