

# User Manual

HDMI 2.0 To Displayport 1.2A Converter 1x2

**AC-CONVERT-HDDP**



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# Introduction

The AC-CONVERT-HDDP is a HDMI to DisplayPort Converter that can take an 18Gbps 4K60 (4:4:4) signal and convert it to DisplayPort 1.2 while retaining the 18Gbps bandwidth. Also a member of our 18Gbps Distribution Amplifier family, this product is ideal on all applications where stable distribution is key. It can also take in a 4K HDMI signal and distribute that signal through both of its DisplayPort outputs at the same time. This distribution amplifier offers plug-n-play installation which provides a hassle free setup without installing any software or drivers.

Full 18Gbps and HDR support ensures ultra-stability even at the highest of bandwidths. Install this converter/distribution amplifier with confidence in your next bar, restaurant, digital signage, commercial or residential installation.

## Features

- HDMI 2.0 Input
- 4K60 4:4:4 HDMI Support
- 18Gbps Bandwidth Support
- HDCP 2.2 & Earlier Supported
- Locking Power Connector
- Rugged, long-life chassis
- Plug & Play Installation
- HDCP 2.2 & Earlier Supported
- Sleek unobtrusive chassis
- Compatible with DisplayPort displays, projectors, AVR's

## Whats in the box

- AC-CONVERT-HDDP unit
- Manual
- Power Supply
- International Power Supply Adapters

# Specifications

## HDMI 2.0 TO DISPLAYPORT 1.2A CONVERTER SPLITTER 1x2

INPUT INTERFACE	1 X HDMI TYPE A FEMALE RESOLUTION 3840 x 2160/ 4096 x 2160 @60Hz YUV 4:4:4
OUTPUT INTERFACE	2 x DISPLAYPORT FEMALE RESOLUTION 3840 X 2160/ 4096 X 2160 @60HZ YUV 4:4:4
AUDIO	STEREO 32K~192kHz SAMPLING RATE
POWER	DC 12V 2A, LOCKING BARREL CONNECTOR
ENVIRONMENT	OPERATING TEMPERATURE 0~45°C OPERATING HUMIDITY 20~90% STORAGE TEMPERATURE -20~60°C
DIMENSIONS (WIDTH/LENGTH/HEIGHT)	MM: 108 x 114 x 24.6 INCH: 4.25 X 4.49 X 0.97
WEIGHT	0.78 LBS (356g)

**\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE**

# Features

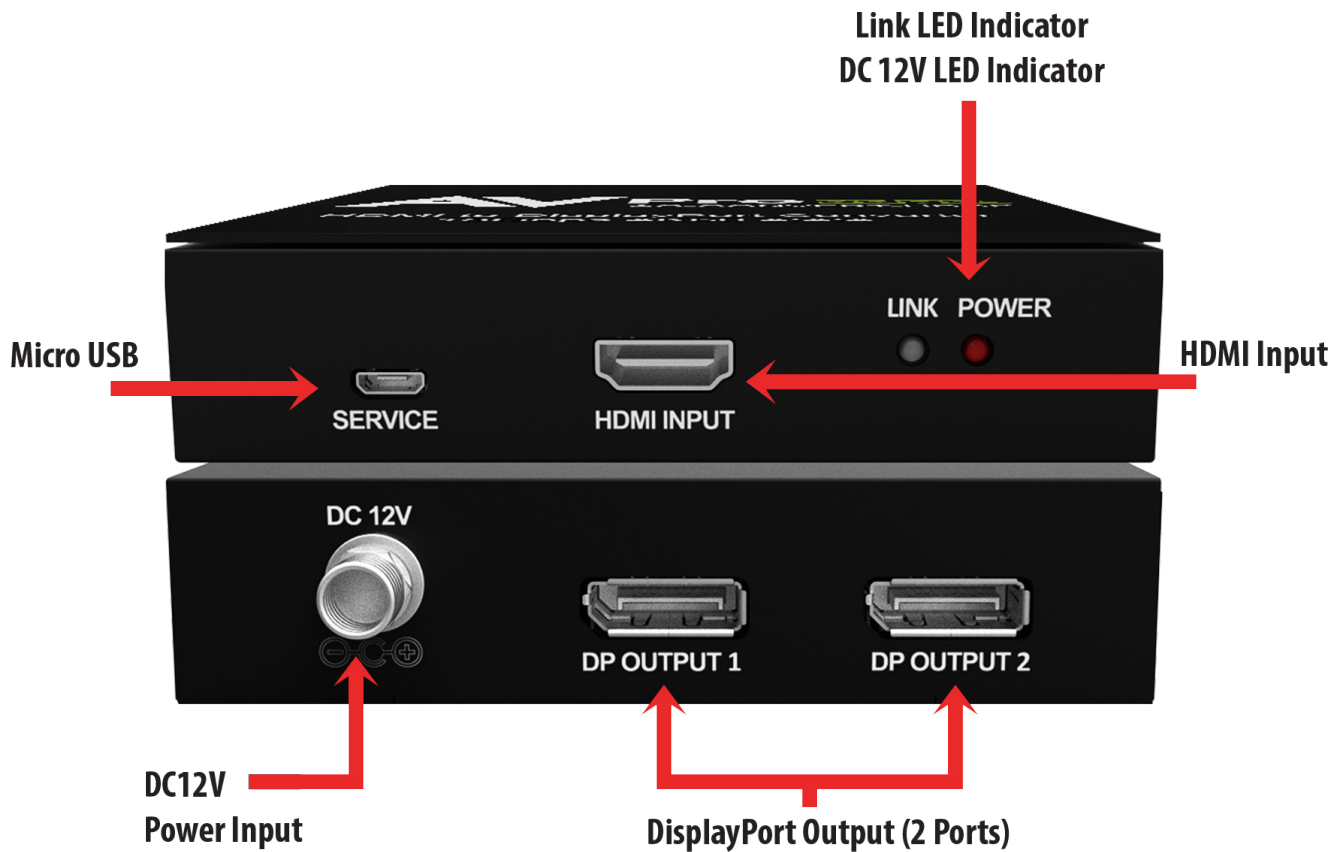
- DisplayPort 1.2a & HDMI 2.0 compliant
- HDMI input supports video bandwidth up to 18Gbps
- The EDID automatically sends the complete video feedback to media player and provides with high-resolution video quality
- Supports HDCP 1.4 / 2.2
- The dual DisplayPort outputs support link rate RBR/HBR/HBR2
- Resolution up to 4Kx2K@60 4:4:4 8bits
- Stereo audio
- Firmware upgrade via USB port
- Rated current 650mA

# Application

- Connects a variety of HDMI 2.0 sources to DisplayPort 1.2 display
- HDMI 2.0 to 2-port DP 1.2a splitter
- Converts HDMI 2.0 to DP 1.2a input devices as a source of AV



# Device Overview



## Installation

- Connect the HDMI cable to the HDMI Input port of P4K2-H1D2 converter and connect the DisplayPort cables from your displays to DisplayPort output ports of P4K2-H1D2
- Connect the power adapter to DC jack; then the other end to an AC outlet
- Turn all the devices on and it is ready for use

## LED Indicator Lights

### Link LED Indicator:

- Off: No light when the system is in power saving mode
- Blinking: Blue light when system is active, wait for Sink to be attached and ready
- On: Blue light is on when the system is active and Sink EDID ready

### Power LED Indicator:

- Off: No light on, power is not present
- On: Red light is on, power is present

# Troubleshooting

Verify Power - Page 6

- Is the Red POWER LED light on.

Verify Connections - Check that all cables are properly connected.

Still having issues after troubleshooting, feel free to contact our Tech Support Department.

- Email [support@avproedge.com](mailto:support@avproedge.com)
- Web page [support.avproedge.com](http://support.avproedge.com)
- Support Direct +1-605-977-3477
- Support Toll Free +1-877-886-5112
- All other Inquiries +1-605-274-6055

# Maintenance

To ensure reliable operation of this product as well as protecting the safety of any person using or handling this device while powered, please observe the following instructions.

- Use the power supplies provided. If an alternate supply is required, check voltage, polarity and that it has sufficient power to supply the device it is connected to.
- Do not operate these products outside the specified temperature and humidity range given in the above specifications.
- Ensure there is adequate ventilation to allow this product to operate efficiently.
- Repair of the equipment should only be carried out by qualified professionals as these products contain sensitive components that may be damaged by any mistreatment.
- Only use this product in a dry environment. Do not allow any liquids or harmful chemicals to come into contact with these products.
- Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

## Damage Requiring Service

The unit should be serviced by qualified service personnel if:

- The DC power supply cord or AC adapter has been damaged
- Objects or liquids have gotten into the unit
- The unit has been exposed to rain
- The unit does not operate normally or exhibits a marked change in performance
- The unit has been dropped or the housing damaged



# Support

Should you experience any problems while using this product, first, refer to the Troubleshooting section of this manual before contacting Technical Support. When calling, the following information should be provided:

- Product name and model number
- Product serial number
- Details of the issue and any conditions under which the issue is occurring
- Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner or benzene to clean this unit.

# Warranty

If your product does not work properly because of a defect in materials or workmanship, AVProEdge (referred to as "the warrantor") will, for the length of the period indicated as below, (Parts/Labor (10) Years), which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor. During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

This warranty extends to products purchased directly from AVPro or an authorized dealer. AVPro is not liable to honor this warranty if the product has been used in any application other than that for which it was intended, has been subjected to misuse, accidental damage, modification or improper installation procedures, unauthorized repairs or is outside of the warranty period. Please direct any questions or issues you may have to your local dealer before contacting AVPro.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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**Thank you for choosing AVProEdge!**

**Please contact us with any questions, we are happily at your service!**



**AVProEdge**

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