

User Manual

AC-CONVERT-HDDP

HDMI 2.0 to Displayport 1.2A Converter 1x2



Introduction

The AC-CONVERT-HDDP is a HDMI 2.0 to DisplayPort 1.2a Converter that provides one HDMI Input and two DisplayPort Outputs.

The AC-CONVERT-HDDP supports resolutions up to 4k 60 4:4:4. It allows you to connect an HDMI 4k 60 4:4:4 capable video source, such as Blu-ray player, PS4, X-Box, or computer, to a DisplayPort 1.2 monitor simultaneously on two screens. It also offers plug-and-play installation which provides a hassle-free setup without installing any software or drivers. The system is automatically on once the supplied 12V power supply is connected.


Release Notes:

DATE	VERSION	RELEASE NOTES
4/25/2018	V1.0	PRODUCTION

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What's in the box

- AC-CONVERT1  HDMI to 2 DisplayPort converter x1
- Universal DC12V/2A power adapter with EU and USA standard power plug x1
- User manual x1

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

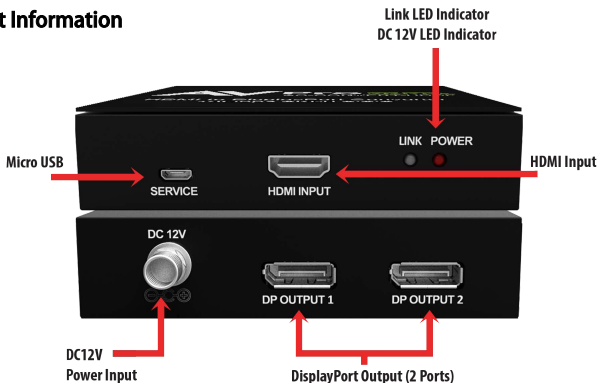
- DisplayPort 1.2a & HDMI 2.0 compliant
- HDMI input supports video bandwidth up to 18Gbps
- The EDID automatically sends the complete video feedback to media player and provides with high-resolution video quality
- HDMI Input Supports HDCP 1.4 / 2.2
- DisplayPort Output Supports HDCP 1.3
- The dual 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



Product Information



Installation

- Connect the HDMI cable to the HDMI Input port of AC-CONVERT-HDDP DP converter and connect the DisplayPort cables from your displays to DisplayPort output ports of AC-CONVERT-HDDP
- 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

* NOTE

Link LED Indicator:

- Off: No connections
- 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: Power Off
- On: Power On

▪ 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 supply provided. If an alternate supply is required, check voltage, polarity and that it has sufficient power to supply the device it's connect 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 DC power supply cord or AC adapter has been damaged
- Object 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

■ 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.

Thank you for choosing AVProEdge!

Please contact us with any questions. We are happy to be of service!



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