

# CV-524

## HDMI 2.0a to DisplayPort 1.2a Converter

### User Manual



rev: 170608  
Made in Taiwan



## Safety and Notice

The **CV-524 HDMI 2.0a to DisplayPort 1.2a Converter** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the **CV-524** should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Follow all instructions and warnings marked on this unit.
- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter and power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.



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# INTRODUCTION

The **CV-524 HDMI 2.0a to DisplayPort 1.2a Converter** provides a professional way to convert HDMI input signal into a DisplayPort output. This device supports the separation of high quality stereo analog audio and digital S/PDIF(RCA) audio from the incoming HDMI signal without losing any active audio channels from audio bit-stream and makes HDMI audio more friendly to your audio systems with only stereo sound support.

## FEATURES

- DisplayPort 1.2a& HDMI 2.0a compliant
- Supports 8-bit, 10-bit, 12-bit Deep Color
- Supports 4K2K@60 4:4:4 8bits
- HDCP 1.4& 2.2 compliant
- Supports audio extraction via stereo & RCA
- Supports HDMI Audio Format: PCM2/5.1/7.1, Dolby 5.1/7.1, DTS 5.1/7.1



1. DisplayPort output has no audio stream
2. When color space of input resolution is 4:2:0 or 4:2:2, it will be forced convert to 4:4:4

## PACKAGE CONTENTS

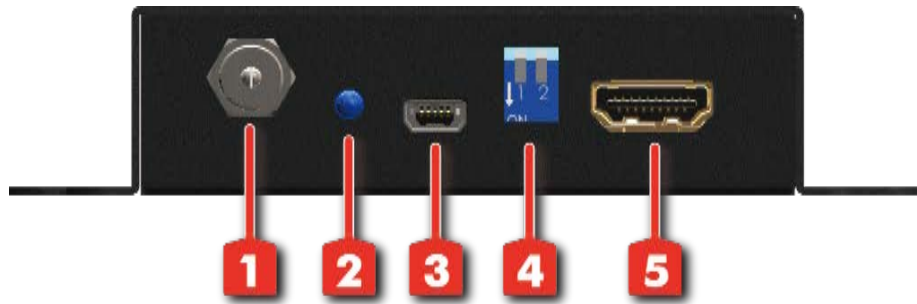
- 1x CV-524
- 1x 5V2A
- 1x User Manual

# SPECIFICATIONS

Model Name		CV-524
<b>Technical</b>		
Role of usage	HDMI to DisplayPort Converter	
HDMI compliance	HDMI 2.0a	
DisplayPort compliance	DisplayPort 1.2a	
HDCP compliance	Yes	
Input Video bandwidth	Single-link 600MHz [6.0Gbps]	
Video support	4K2K@60 (4:4:4 8bits)	
Audio support	Audio Extraction Only	
ESD protection	Human body model — ±15kV [air-gap discharge] & ±8kV [contact discharge]	
Input	1x HDMI	
Output	1x DisplayPort + 1x RCA + 1x 3.5mm phone jack	
HDMI connector	Type A [19-pin female]	
3.5mm connector	Stereo	
RCA connector	S/PDIF	
<b>Mechanical</b>		<b>CV-524</b>
Housing	Metal enclosure	
Dimensions [L x D x H]	Model	112 x 92 x 23mm [4.4" x 3.6" x 0.9"]
	Package	198 x 137 x 74mm [7.8" x 5.4" x 2.9"]
	Carton	420 x 400 x 300mm [1'4" x 1'3" x 11.8"]
Weight	Model	230g [8.1oz]
	Package	626g [1.4lbs]
Fixedness	Wall-mounting case with screws	
Power supply	5V2A	
Power consumption	7 Watts [max]	
Operation temperature	0~40°C [32~104°F]	
Storage temperature	-20~60°C [-4~140°F]	
Relative humidity	20~90% RH [no condensation]	

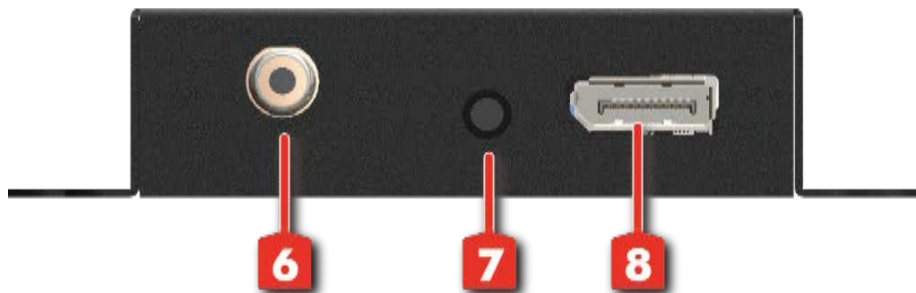
# PANEL DESCRIPTIONS

## Front Panel



1. +5V power
2. Power LED indicator
3. Mini-USB port: for F/W update
4. Dip Switch: Default EDID
  - [Pin 1] ↑ [Pin 2] ↑ : 3840x2160 60Hz
  - [Pin 1] ↓ [Pin 2] ↑ : 4096x2160 60Hz
  - [Pin 1] ↑ [Pin 2] ↓ : 3840x2160 30Hz
  - [Pin 1] ↓ [Pin 2] ↓ : 1080p 60Hz
5. HDMI input

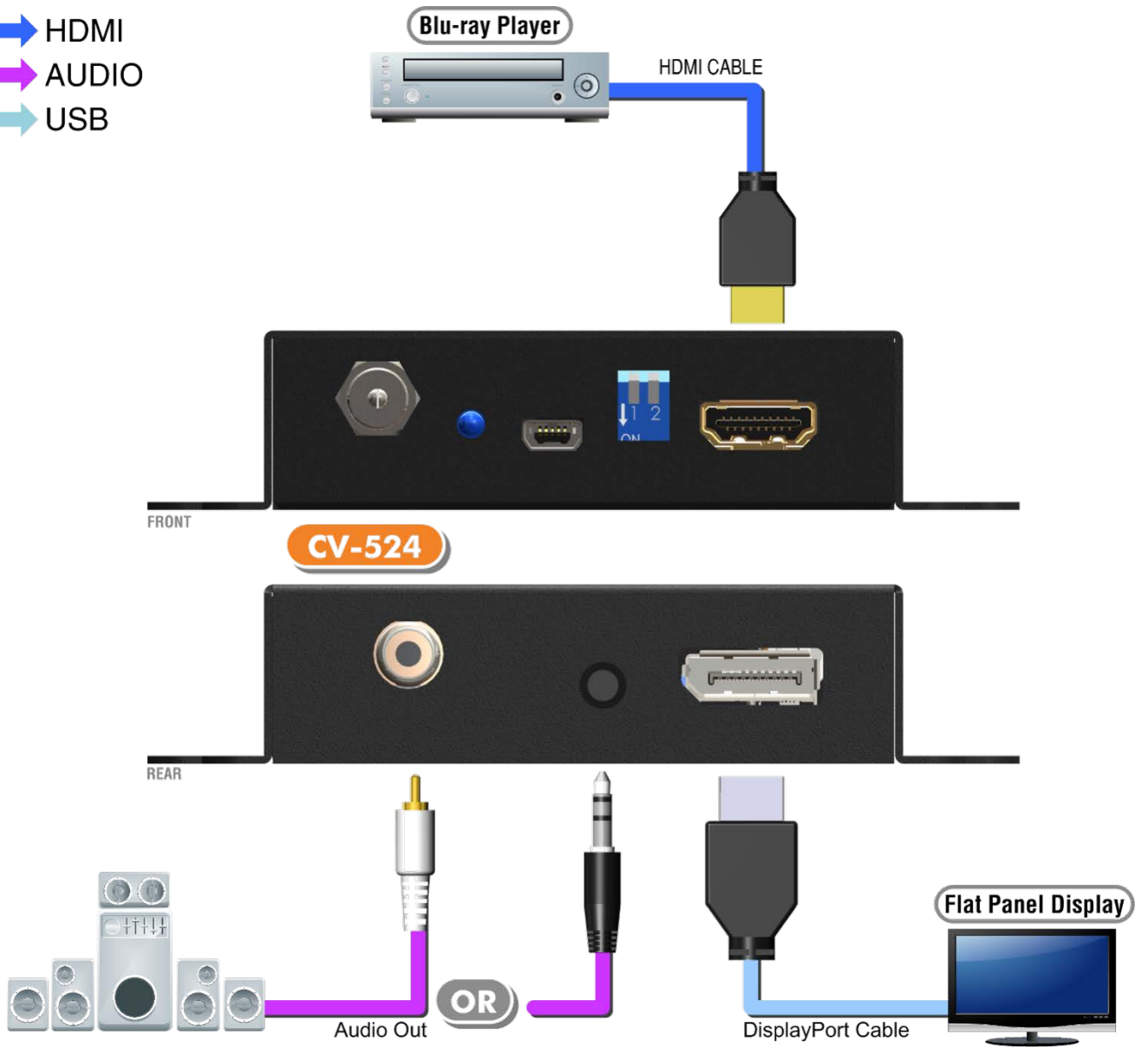
## Rear Panel



6. S/PDIF output(RCA)
7. Stereo output (3.5mm)
8. DisplayPort output

# CONNECTION DIAGRAM

- HDMI
- AUDIO
- USB



# LIMITED WARRANTY

The SELLER warrants the **CV-524 HDMI 2.0a to DisplayPort 1.2a Converter** to be free from defects in the material and workmanship for 1 year from the date of purchase from the SELLER or an authorized dealer. Should this product fail to be in good working order within 1 year warranty period, The SELLER, at its option, repair or replace the unit, provided that the unit has not been subjected to accident, disaster, abuse or any unauthorized modifications including static discharge and power surge. This warranty is offered by the SELLER for its BUYER with direct transaction only. This warranty is void if the warranty seal on the metal housing is broken.

Unit that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for 90 days from the day of reshipment to the BUYER. If the unit is delivered by mail, customers agree to insure the unit or assume the risk of loss or damage in transit. Under no circumstances will a unit be accepted without a return authorization number.

The warranty is in lieu of all other warranties expressed or implied, including without limitations, any other implied warranty or fitness or merchantability for any particular purpose, all of which are expressly disclaimed.

Proof of sale may be required in order to claim warranty. Customers outside Taiwan are responsible for shipping charges to and from the SELLER. Cables and power adapters are limited to a 30 day warranty and must be free from any markings, scratches, and neatly coiled.

The content of this manual has been carefully checked and is believed to be accurate. However, The SELLER assumes no responsibility for any inaccuracies that may be contained in this manual. The SELLER will NOT be liable for direct, indirect, incidental, special, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. **Also, the technical information contained herein regarding the CV-524 features and specifications is subject to change without further notice.**