Composite AV to HDMI Converter

Operating Instructions

Overview

An upscaler box for integrating stereo composite signals from devices such as CCTV cameras, older camcorders and AV equipment. Also ideal for older gaming consoles. Converts a standard stereo composite signal into an integrated HDMI 1080p video and digital audio signal. 3.5mm stereo audio and digital coaxial outputs provided. Fitted with HDMI input and output. The converter is easy to connect to a DVD player, set-top box, HD player and Game Consoles (PS2, PS3, PSP, Wii, XBOX360 etc). Includes 5V DC power supply.
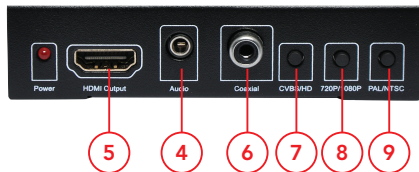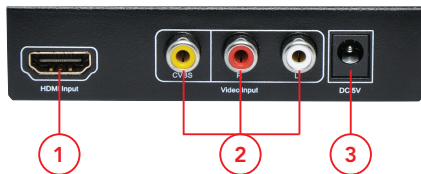
Basic Functions

1. HDMI output: Connect with high definition TV or high definition projector
   a. HDMI output format:720P@50/60Hz, 1080P@50/60HZ
   b. Audio output format: Digital coaxial audio, analog stereo audio

2. CVBS input: DVD, set top box, PS2, WII, NGC and other players.
   a. CVBS input format: PAL/NTSC_M/NTSC4.43/SECAM/PAL-M/PAL-N.

3. HDMI input format: 480I/576I/480P/576P/720P@50_60Hz/1080I@50_60Hz/1080P@50_60Hz
   a. Compatible with DVI: 800X600, 1024X768, 1280X1024, 1360X768, 1680X1050,1920X1080.

4. 3.5mm audio: Connect with analog audio amplifier or headphones input

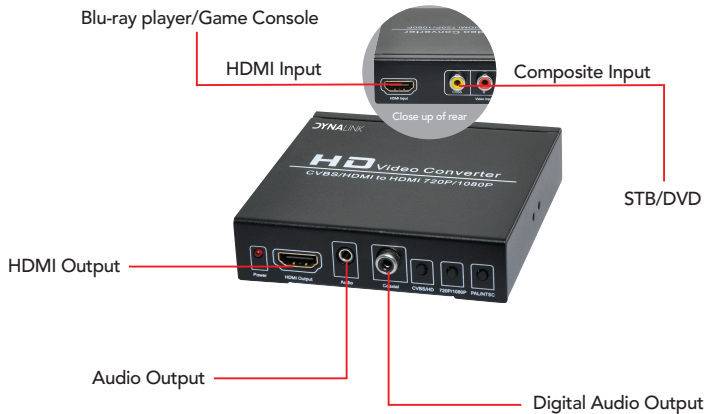5. Digital coaxial output: Connect with digital audio amplifier

Features

1. Contains a new generation and low power consumption digital processing chip which provides stable 24 hours non-stop running.

2. Using 3D compensation technology to effectively remove the dithering and trailing phenomenon of fast motion pictures.

3. Adopting DCDI processing Technology: for a clearer image

4. Adopting Scaler video processing technology:
   a. Upscale CVBS signals to high definition 1080P/720@50/60Hz output.
   b. Upscale lower definition video format（480i, 480p, 720p, 1080i）to 1080P@50/60Hz FHD.
   c. Downscale high definition 1080P@50/60Hz HDMI signal to 720P@50/60Hz output.

5. I2S technology - Stack the L/R analog audio input signal into the HDMI interface for convenient audio transport that largely eliminates the analog audio transmission interference.

6. Decoding the HDMI digital audio into independent SPDIF coaxial audio and Analog audio through digital decoding technology

7. HDCP treaty processing: Decode and remove the HDCP agreement after HDCP, send out without HDCP HDMI signals, allowing the device to receive and display video without HDCP.

8. Standard converting and video processing technology
   a. Convert PAL, NTSC standard into HDMI@50/60Hz
   b. Convert 50Hz HDMI signal into 60Hz HDMI signal and vice versa.

Product Overview

1. HDMI IN: HDMI input

2. CVBS / Left, Right：CVBS / Audio input

3. DC/5V:DC power input

4. AUDIO: Analog audio output

5. HDMI OUTPUT: HDMI output

6. COAXIAL: Coaxial digital audio output

7. CVBS/HD: Input selection button

8. 720p/1080p: HDMI resolution output button

9. 50HZ/60HZ: HDMI frequency output button

Connection Diagram

Blu-ray player/Game Console

HDMI Input

Composite Input

Close up of rear

STB/DVD

HDMI Output

Audio Output

Digital Audio Output

Altronic Distributors warrants this product for one year from date of purchase from Altronics or its resellers to the consumer. If this item is part of an installation or another product, please contact the installer or supplier for your warranty. During the warranty period, we undertake to repair or replace your product at no charge if found to be defective due to a manufacturing fault. The warranty excludes damage by misuse or incorrect installation (i.e. failure to install and operate device according to specifications in the supplied instruction manual), neglect, shipping accident, or no fault found, nor by use in a way or manner not intended by the supplier.

For repair or service please contact your PLACE OF PURCHASE.
If this item was purchased directly from Altronics please make a warranty claim by:

1. FOR MAIL ORDER CUSTOMERS (includes school and trade orders),
a) Calling your nearest store location and quoting your tax invoice number.
b) Upon contacting Altronics, we will issue an R.A. (Return Authorisation). As Altronics have a number of service agents throughout Australia, a copy of the R.A. will be emailed, faxed or mailed to you with full instructions of how and where to send the goods. The freight for shipping goods back to Altronics for all repairs is at the customers expense.
c) A copy of the R.A. form, (or at the very minimum, the R.A. number) must accompany the
goods to effect the repair.
d) Altronics will pay the return freight to the customer where the warranty claim has been accepted.
e) Please quote the R.A. number in any correspondence to us.

2. FOR OVER THE COUNTER PURCHASES to make a warranty claim, please return the goods to us in any of our stores, with a copy of your proof of purchase (tax invoice).
a) Upon leaving the goods at one of our stores, an R.A. number will be issued to you.
b) Once repaired, you will be contacted, advising that the goods are ready to be collected from the store.

It is at Altronics discretion as to whether the goods will be repaired or replaced (whilst under warranty); and as to whether identical goods will be used to replace the item due to changes of models / products. Note: Under no circumstances should you attempt to repair the device yourself or via a non-authorised Altronics service centre, as this will invalidate the warranty! Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.
Distributed by Altronic Distributors Pty. Ltd. | Phone: (08) 9428 2199 | altronics.com.au | Revision 16/10/2020