

CP-1283HDT

Dual HDMI to HD Component Converter

Operation Manual



CP-1283HDT

Table of Contents

1. Introduction	1
2. Applications	1
3. Package Contents	1
4. System Requirements	1
5. Features	2
6. Specifications	3
7. Operation Controls and Functions	4
7.1 Front Panel	4
7.2 Rear Panel	4
8. Remote Control	5
9. Connection and Installation	6
10. Acronyms	7

1. Introduction

The Dual HDMI to HD Component Converter is an HDMI to component (YPbPr) converter with audio output. It allows you to switch between 2 HDMI sources and convert it to component and analog audio (L/R) or digital audio (Coaxial) output at the same time. It supports high definition up to 1080p, and output resolution follows input.

2. Applications

- HDMI or DVI (with converter cable) signal display on analog display
- HDMI audio signal output to digital or analog audio speaker
- Converting HDMI signal to analog signal

3. Package Contents

- Dual HDMI to Component Converter
- Remote Control (CR-23)
- 5V 1A Power adaptor
- Operation Manual

4. System Requirements

Input HDMI source equipments with connection cable and output display with YPbPr cable and or active speaker with phone jack cable or RCA cable.

5. Features

- HDMI v1.3 and DVI 1.0 compliant
- Supports 2 HDMI inputs and 2 audio (coaxial, L/R) output
- HDMI input support 8/10/12 bits, component output support 8 bits
- HDMI input compatible with DVI format when using HDMI to DVI adaptor
- HDMI audio input support LPCM 2CH and sampling rate support from 32KHz to 192KHz
- Component output support tri-level sync for 720p, 1080i and 1080p
- Built-in EDID

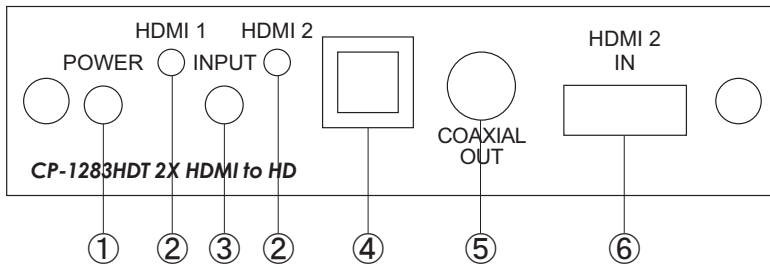
Note: This product does not process HDCP input. When receiving content that has HDCP encryption there will be no video & audio output.

6. Specifications

Operation Frequency	Up to 225MHz
Input Ports	2 x HDMI
Output Ports	1 x 3RCA (YPbPr) 1 x Analog L/R 3.5mm phone jack 1 x Coaxial
Output Signal	Y: 1 Vp-p 75Ω, Pb/Pr: 0.7 Vp-p 75Ω
Input/Output Resolution	HD: 480i/p@60, 576i/p@50, 720p@50 & 60, 1080i/p@50 & 60, 1080p@24
HDMI Audio Input	LPCM 2CH
HDMI input Color Space	RGB, Y444, Y422
ESD Protection	Human body model: $\pm 8\text{kV}$ (air-gap discharge) $\pm 4\text{kV}$ (contact discharge)
Power Supply	5V DC/1A linear power adaptor (US/EU standards, CE/FCC/UL certified) Or 5V/1.2A switching power adaptor (with universal plug, CE/FCC/UL certified)
Dimensions (mm)	102 (W) x 90 (D) x 25 (H)
Weight(g)	220
Chassis Material	Aluminum
Silkscreen Color	Silver
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20~90% RH (non-condensing)
Power Consumption	2.5W

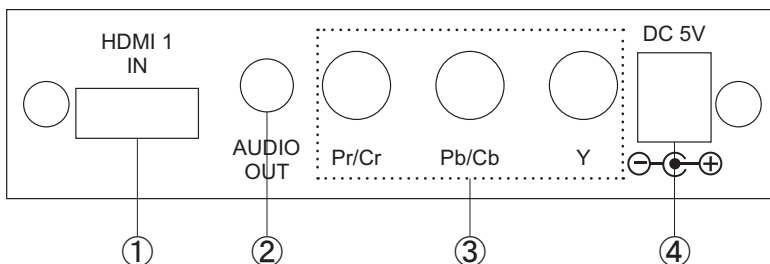
7. Operation Controls and Functions

7.1 Front Panel



- ① POWER button: Press this button to turn ON the device or to set it to standby mode.
- ② HDMI 1/2 LED: These LED will illuminate according to the input selection.
- ③ INPUT button: Press this button to select the input sources from HDMI 1 or 2.
- ④ IR sensor: This IR window only receives the remote IR signal that is included in this package
- ⑤ COAXIAL OUT: This slot is to connect with active speaker or amplifier for digital audio output with RCA cable.
- ⑥ HDMI 2 IN: This slot is to connect with HDMI input source equipment such as DVD or Blue-Ray player for input signal sending.

7.2 Rear Panel

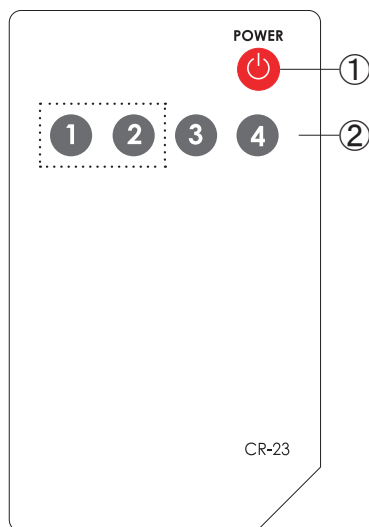


- ① HDMI 1 IN: This slot is to connect with HDMI input source equipment such as DVD or Blue-Ray player for input signal sending.
- ② AUDIO OUT: This slot is to connect with active speaker or amplifier for analog audio output with 3.5Ø phone jack cable.
- ③ YPbPr jacks: These slots are to connect with component video cable for analog video signal output with RCA connection cables.
- ④ DC 5V: Plug the 5V DC power supply included in the package into the unit and connect the adaptor to AC wall outlet.

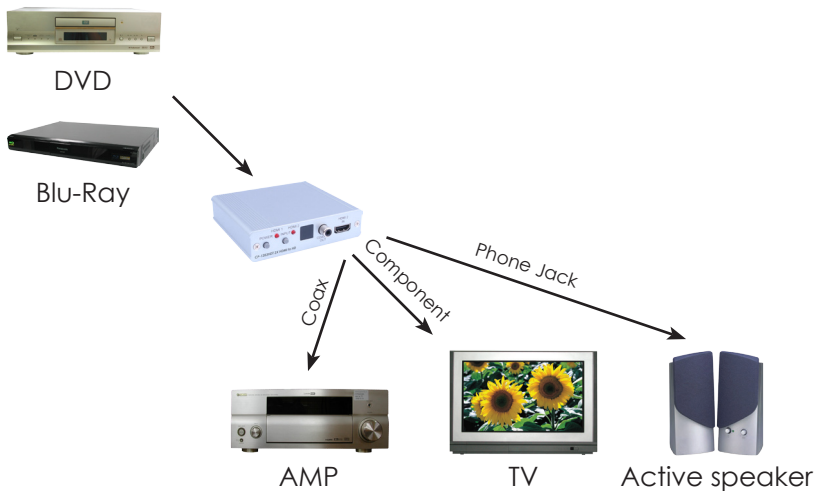
8. Remote Control

- ① Power: Press this button to switch ON the device or to set it to standby mode.
- ② 1 & 2: Press 1 or 2 to select the HDMI input source of 1 and 2.

Note: 3 & 4 are not functioning.



9. Connection and Installation





Acronyms

Acronym	Complete Term
DVI	Digital Visual Interface
HDCP	High-bandwidth Digital Content Protection
HDMI	High-Definition Multimedia Interface