

# HDTV Distributor up to 1080p/UXGA

**CHDD-8C is a high performance and versatile distribution amplifier for delivering both HD and SD video signal with digital/analog audio to your multiple display units.**

## Operation Manual



## Application

The CHDD-8C is capable of distributing video in 3 different formats and is ideal for use in any analog video entertainment or presentation distribution system.

## Features

1. Supports both SD (composite, YCbCr) and HDTV (YPbPr) input signal.
2. Audio can be analog stereo (L/R) or digital coaxial (S/PDIF)
3. Accepts one component input and splits it to 8 identical and buffered outputs without any loss.
4. When input is composite video, it can connect up to 3 different video sources and output 8 identical and buffered signal for each input source.
5. High bandwidth performance 650MHz at -3dB.
6. Ideal for presentation and home theater applications.

## This package includes

- One CHDD-8C unit.
- One set of power supply
- One user manual
- One set of 2R to 2R male audio cable
- One set of 1R to 1R male video cable
- One set of 3 RCA male to 3 RCA male cable

## Specifications

### - Input:

YUV(YPbPr/YCbCr) x 1 via 3 RCA connectors 1 Vp-p @ 75 ohm or  
Composite Video x 3 via RCA connectors 1 Vp-p @ 75 ohm  
S/PDIF (Digital format) x 1 via coaxial connectors 0.5Vp-p @ 75 ohm load  
Stereo L/R (Analog format) x 1 Via x2 RCA connectors

### - Output:

- YUV(YPbPr/YCbCr) x 8 via 3RCA connectors 1 Vp-p@75 ohm  
Composite Video x 8 via RCA connectors 1 Vp-p @ 75 ohm  
S/PIDF (Digital format) x 8 via coaxial connectors 0.5Vp-p @75 ohm load  
Stereo L/R (Analog format) x 8 via 2 RCA connectors
- Bandwidth: 650MHz(-3dB)
  - Differential gain: 0.05%
  - Differential phase: 0.05 degree
  - Power supply: 5V 1A center positive
  - Unit weights: 2.88kgs
  - Dimensions: 437(W) x 170(D) x 47(H) mm

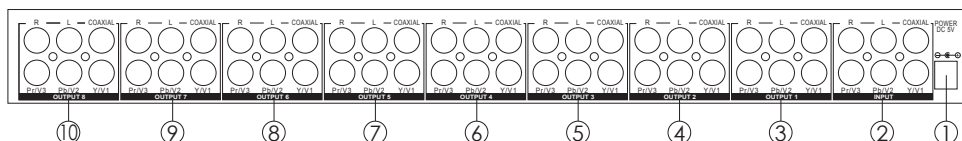
# Operation Control

## Front Panel



**Power indicator:** Power indicator illuminates when power plugs in.

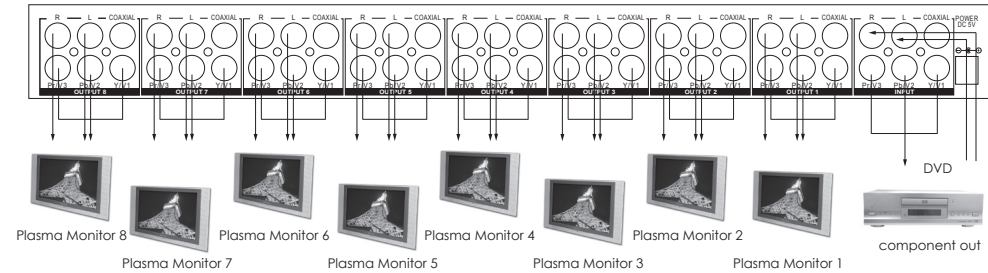
## Rear Panel



1. DC power supply input.
2. Input: Inout connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
3. Output 1: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
4. Output 2: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
5. Output 3: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
6. Output 4: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
7. Output 5: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
8. Output 6: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
9. Output 7: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.
10. Output 8: Output connector for YPbPr/YCbCr, (or Composite Video), L/R stereo analog Audio and digital coaxial audio.

# Connection and Installation

## 1. Works as a 1-in 8-out distribution amplifier for HD component source(YPbPr).



## 2. Works as three 1-in 8-out distribution Amps for video sources.

