PC/Component Distributor with Audio
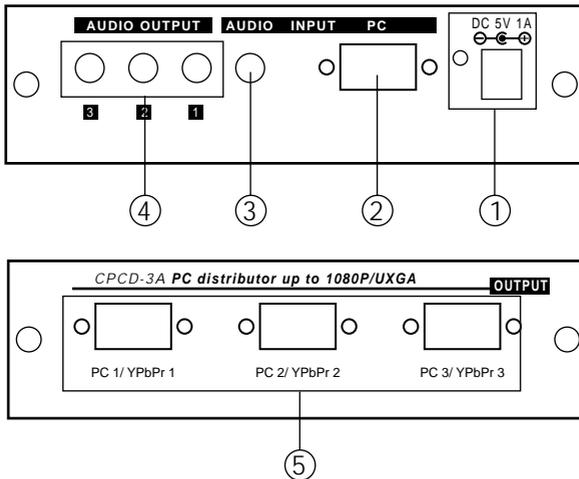
CPCD-3A

Operation Manual

Introduction

Cypress CPCD-3A is a high performance PC/Component distributor with stereo audio. It is designed to connect one PC or HDTV signal source with audio to 3 PC or HDTV displays.

Features

* Supports either PC (RGB) or HDTV (YPbPr) input signal.
* Accepts one PC or HD component input and split it into 3 buffered and identical outputs.
* Supports stereo audio input and split it to 3 identical outputs via 3.5mm mini-stereo connector.
* High video signal bandwidth (480MHz/-3dB) supports PC/HDTV resolution up to UXGA/1080p.
* Ideal for presentation and home theater application.
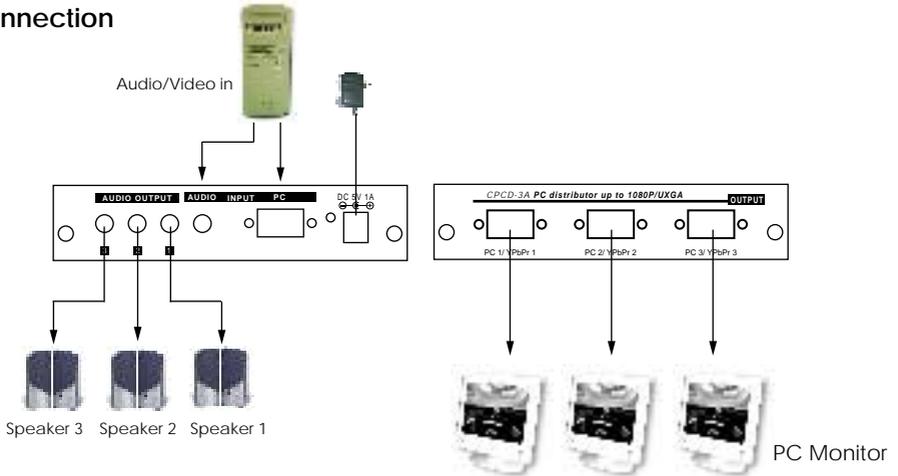* Plug and play, easy to install.

Operation Controls and Functions

1. **Power Input:** Plug the supplied 5VDC power supply into the unit and the LED will illuminate when it is connected.
2. **Video input:** Connect to the video output of your source devices such as PC or DVD player by using the HD-15 to HD-15 cable or HD-15 to 3 RCA cable.
3. **Audio input:** Connect to the audio output of your source devices such as PC or DVD player by using the 3.5mm phone jack audio cable or 3.5mm phone jack to 2 RCA audio cable.
4. **Audio outputs:** Connect the audio cables from these ports to the audio input of the speaker systems.
5. **Video outputs:** Connect each of the PC/HD output to the input of the PC or HD display.

Specification

* PC Input * 1：RGB 0.7Vp-p 75 ohm HV 5Vp-p 10K ohm
* PC Output * 3：RGB 0.7Vp-p HV 5Vp-p 10K ohm; or Y : 1Vp-p, PbPr: 0.7Vp-p 75 ohm
* Audio Input * 1：2Vrms max 47K ohm
* Audio Output * 3：2Vrms max 47K ohm
* Video Bandwidth：480MHz (-3db)
* Compatibility: VGA upto UXGA/1080p in RGBHV, RGBs, RGsB, YPbPr formats.
* Differential gain：0.05%
* Differential phase：0.05 degree
* Power：5V 2A
* Accessories: 5V power supply, HD-15 to HD-15 video cable,
                  Stereo audio cable.
* Dimension (WxHxD)：141 x 38 x 105mm

Connection and Installation

PC Connection

Audio/Video in

Speaker 3   Speaker 2   Speaker 1

PC Monitor

HDTV Connection

DVD

Speaker

D-sub to 3 RCA adaptor cable

LCD TV, Projector, or Plasma