

DVI to PC/Component Converter

The CP-262D converts digital DVI to analog PC/RGB or HD YPbPr. It enables you to connect your new DVI sources to the older analog PC monitor, Projector or TV.

Operation Manual



This package includes:

- One CP-262D unit.
- One 5V power supply adaptor.
- D-Sub x 3 RCA adaptor cable x 1.
- User manual.

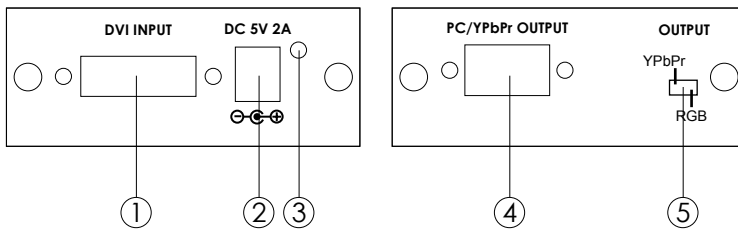
Features:

- * Let you watch new DVI source signal (DVI graphic card, or DVD player) on your older analog TVs or monitor.
- * Output YPbPr/RGB switchable.
- * Plug and Play, easy to install.
- * Can operate without external DC power supply.

The CP262D can be powered by the DVI video source through Pin 14 of the DVI connector.

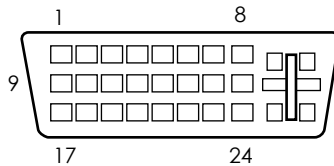
However it is recommended to use external power adaptor to ensure enough power is provided to the unit.

Operation Controls and Functions:



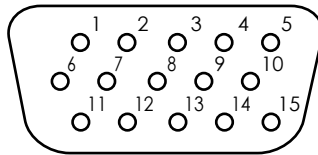
1. DVI-I input connector: This input connector accepts DVI-D signal from DVI source equipment, such as PC with DVI Graphic card or DVD with DVI out. It does not accept analog RGB signal.
2. 5V DC power input.
3. Power LED.
4. HD-15 D-sub PC output: This output connects to the PC D-sub input of your PC monitor, Projector, LCD or PDP display unit.
5. Output format switch:
 - Set the switch to RGB when your DVI source equipment is PC graphic card or other digital RGB source signal. Use HD-15 to HD-15 VGA cable to connect between the unit's RGB out and the RGB input of your PC monitor, or projector. (See connection 1).
 - Set the switch to YPbPr when your DVI source equipment is DVD player, set-top-box or other High definition digital video source. Use a VGA to 3 RCA adaptor cable to connect the unit's YPbPr out to the YPbPr input connector of your HDTV. (See connection 2).

Pin Configuration



A. DVI input Pin Assignment.

Pin#	Function	Pin#	Function	Pin#	Function
1	TMDS D2-	9	TMDS D1-	17	TMDS D0-
2	TMDS D2+	10	TMDS D1+	18	TMDS D0+
3	TMDS D2 SHD	11	TMDS D1 SHD	19	TMDS D0 SHD
4	N.C.	12	N.C.	20	N.C.
5	N.C.	13	N.C.	21	N.C.
6	DDC CLOCK	14	POWER +5V	22	TMDS CLK SHD
7	DDC DATA	15	GND(DDC)	23	TMDS CLK+
8	RESERVED	16	H.P. DETECT	24	TMDS CLK-



B. Analog VGA output pin assignment when output switch set to RGB.

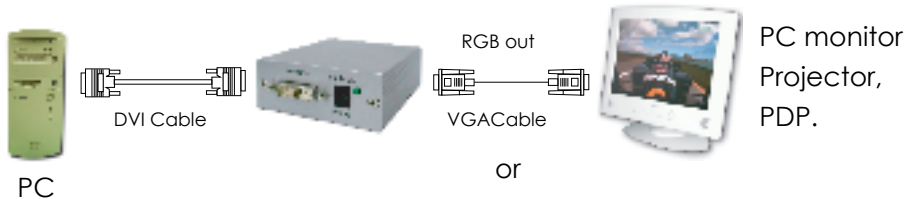
Part No.	Pin No.	Description (PC out)
DB15HD	1	RED
	2	GREEN
	3	BLUE
	4	GND
	5	GND (DDC-RETURN)
	6	GND-RED
	7	GND-GREEN
	8	GND-BLUE
	9	N.C
	10	GND-SYNC
	11	GND
	12	DDC-DATA
	13	H-SYNC
	14	V-SYNC
	15	DDC-CLOCK

C. Analog VGA output pin assignment when output switch set to YPbPr.

Part No.	Pin No.	Description (HD out)
DB15HD	1	Pr
	2	Y
	3	Pb
	4	GND
	5	GND (DDC-RETURN)
	6	GND-Pr
	7	GND-Y
	8	GND-Pb
	9	N.C
	10	GND-SYNC
	11	GND
	12	DDC-DATA
	13	H-SYNC
	14	V-SYNC
	15	DDC-CLOCK

Installation

Connection 1



Connection 2



Specifications:

- * Input : DVI-I connector (but DVI-D signal only)
- * Compliant with DVI Rev1.0
- * Output : Analog HD-15 (RGBHV/YPbPr)
- * Operation frequency: up to 165MHz
- * Frequency Bandwidth: 1.65 Gbps (single Link)
- * Input/Output resolution:
 - PC : VGA@60、VGA@72、VGA@75、VGA@85
SVGA@60、SVGA@72、SVGA@75、SVGA@85
XGA@60、XGA@70、XGA@75、XGA@85、XGAi@87
SXGA@60、SXGA@75、SXGA@85、UXGA@60
1152@70、1152@75、1152@85
 - HD : 480i@60、576i@50、480P@60、576P@50、720P@60、
720P@50、1080i@60、1080i@50、1080P@60、1080P@50、
1080P@30、1080P@25、1080P@24
- * Using switch to select output format between RGBHV and YPbPr
- * Dimension (WxHxD) : 76 * 30 * 92mm
- * Power : 5V 2A Center-positive