

DVI to PC Format Converter

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

Operation Manual



The DVI to VGA format converter converts digital DVI/RGB signal to analog PC RGB signal. It allows you to connect the DVI output from PC or Video equipments to the HD-15 VGA input of the traditional monitors. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

This package includes

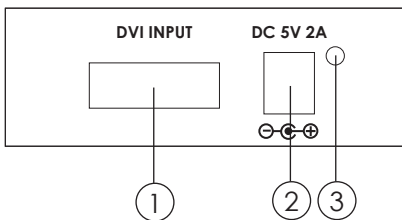
- One CP-262DPC unit.
- One 5V power supply adaptor.
- User manual.

Features:

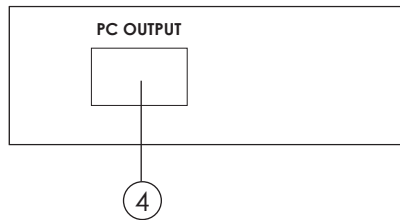
- > Connects computers with DVI-D connectors to analog VGA monitors or projectors.
- > Supports up to 1600x1200 @60 for PC input and 1920x1080p@60 for HD input.
- > Supports DDWG standard for DVI compliant monitors.

Operation Controls and Functions

Front Panel



Rear Panel

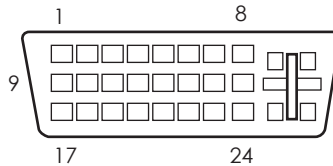


1. DVI-I input connector: This input connector accepts DVI-D signal from DVI source equipment, such as PC with DVI Graphic card or DVD with DVI out. It does not accept analog RGB signal.
2. 5V DC power input.
3. Power LED.
4. HD-15 D-sub PC output: This output connects to the PC D-sub input of your PC monitor, Projector, LCD or PDP display unit.

Specifications

- * **Input:** DVI-I connector.
- * **Input signal:** Digital RGB data bitstream.
- * **Compliant with DVI Rev1.0**
- * **Output:** Analog HD-15 (RGBHV)
- * **Output signal:**
 - RGB: 0.7 Vp-p 75 ohm
 - H+V: 3 to 5 Vp-p
- * **Operation frequency:** up to 165MHz
- * **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
 - SXGA@60、SXGA@75、SXGA@85、UXGA@60
 - 1152@70、1152@75、1152@85
 - HD/RGB : 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
- * **Dimension (WxHxD):** 76 * 30 * 105mm
- * **Power:** 5V 500mA~2A Center-positive

Pin Configuration

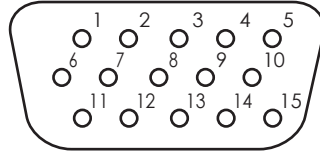


A. DVI input Pin Assignment.

| 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 Assignments 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 |



Connection and Installation

