

High Resolution Component to DVI-I Video Converter

CPNT2DVI



*actual product may vary from photos

DE: Bedienungsanleitung - de.startech.com

FR: Guide de l'utilisateur - fr.startech.com

ES: Guía del usuario - es.startech.com

IT: Guida per l'uso - it.startech.com

NL: Gebruiksaanwijzing - nl.startech.com

PT: Guia do usuário - pt.startech.com

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

Thank for purchasing a StarTech.com Converge A/V Component to DVI-I Format Converter, allowing you to convert an analog YPbPr signal to digital DVI for use with DVI capable displays, eliminating the expense of having to upgrade individual video components for the sake of compatibility with newer display interfaces.

Packaging Contents

- 1 x Instruction Manual
- 1 x Component to DVI-I Converter
- 1 x Power Adapter

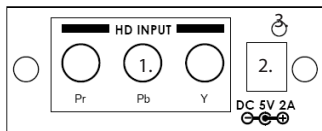
System Requirements

- A component video signal source
- A DVI capable display

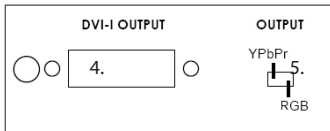
Installation

Operating Controls and Functions

Front Panel

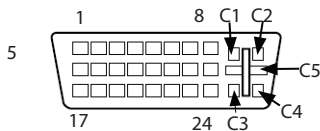


Rear Panel



1. Analog YPbPr input connector
2. DC power supply 5V 500mA~2A center-positive
3. LED indicator
- 4 DVI-I output connector
- 5 Output (selection) Switch

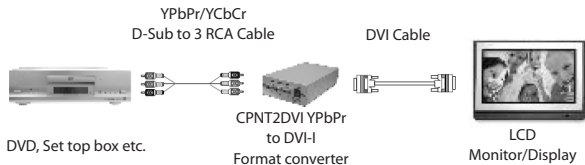
DVI-I Pin Configuration



Combined Analog and Digital Connector Pin Assignments

Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	T.M.D.S Data2-	9	T.M.D.S Data1-	17	T.M.D.S Data0-
2	T.M.D.S. Data2+	10	T.M.D.S. Data1+	18	T.M.D.S. Data0+
3	T.M.D.S. Data2/4 Shield	11	T.M.D.S. Data1/3 Shield	19	T.M.D.S. Data0/5 Shield
4	T.M.D.S. Data4-	12	T.M.D.S. Data3-	20	T.M.D.S. Data5-
5	T.M.D.S. Data4+	13	T.M.D.S. Data3+	21	T.M.D.S. Data5+
6	DDC Clock	14	+5V Power	22	T.M.D.S. Clock Shield
7	DDC Data	15	Ground (Return for +5V, Hsync, and Vsync)	23	T.M.D.S. Clock+
8	Analog Vertical Sync	16	Hot Plug Detect	24	T.M.D.S. Clock-
C1	Analog Red	C2	Analog Green	C3	Analog Blue
C4	Analog Horizontal Sync	C5	Analog Ground (Analog R,G,&B return)		

Connection to A/V components and display



Specifications

Input Connector	Analog YPbPr on 3 RCA connectors
Output Connector	DVI-I
Input signal	Y : 1 Vp-p 75 ohm, Pb/Pr: 0.7 Vp-p, 75 ohm
Output signal	Digital RGB or YPbPr data bitstream
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, 780i@60, 1080i@50, 1080p@60, 1080p@50, 1080p@30, 1080p@25, 1080p@24
Dimension (WxHxD)	76 x 30 x 105mm
Power	5V 500mA~2A Center-positive
Regulatory Certifications	FCC, CE, ROHS

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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