

Introduction

Thank you for purchasing a StarTech.com HDMI to DVI-D Converter with Digital Audio. This innovative product allows users to connect HDMI sources to DVI digital displays, as well as to a digital audio receiver.

Features

- Compliant with DVI 1.0 and HDMI 1.1
- Input format auto detects digital RGB or YPbPr
- Easy Plug and Play installation

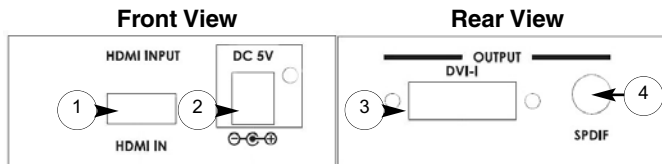
System Requirements

- An HDMI capable audio and video source
- A DVI capable display

Package Contents

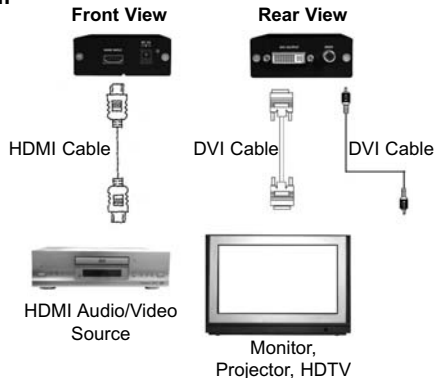
- 1 x HDMI to DVI D Converter
- 1 x Power Adapter
- 1 x Instruction Manual

Operation Controls and Functions

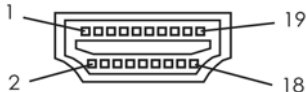


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|----------|-------------------------------------|--|
| 1 | HDMI Input | Connects to the HDMI output connector of the source equipment |
| 2 | Power Input | Connect the supplied 5V DC power supply to this port. The Corresponding LED will illuminate when HDMI2DVI is powered |
| 3 | DVI Output | Connects to the DVI input connector of the DVI display, providing a DVI-D only signal via a DVI-I connector |
| 4 | Digital Audio (SPDIF) Output | Connects to the audio input of a connected digital audio receiver. |

Installation

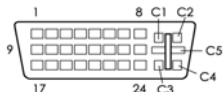


HDMI Input Pin Assignment



Pin	Function Assignment	Pin	Function Assignment
1	T.M.D.S Data2+	2	T.M.D.S Data2 Shield
3	T.M.D.S Data2-	4	T.M.D.S Data1+
5	T.M.D.S Data1 Shield	6	T.M.D.S Data1-
7	T.M.D.S Data0+	8	T.M.D.S Data0 Shield
9	T.M.D.S Data0-	10	T.M.D.S Clock+
11	T.M.D.S Clock Shield	12	T.M.D.S Clock-
13	CEC	14	Reserved (N.C. on device)
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

DVI-D Output Pin Assignment



Digital Only Connector Pin Assignments

Pin	Signal Assignment	Pin	Signal Assignment	Pin	Signal Assignment
1	T.M.D.S Data 2-	9	T.M.D.S Data 1-	17	T.M.D.S Data 0-
2	T.M.D.S Data 2+	10	T.M.D.S Data 1+	18	T.M.D.S Data 0+
3	T.M.D.S Data 2/4 Shield	11	T.M.D.S Data 1/3 Shield	19	T.M.D.S Data 0/5 Shield
4	T.M.D.S Data 4-	12	T.M.D.S Data 3-	20	T.M.D.S Data 5-
5	T.M.D.S Data 4+	13	T.M.D.S Data 3+	21	T.M.D.S Data 5+
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	N.C.	C2	N.C.	C3	N.C.
C4	N.C.	C5	N.C.		

Specifications

HDMI Input	HDMI 1.1
Output Signal(s)	RGB or YPbPr pass through, Coaxial (S/PDIF)
Operating Frequency	165MHz
Input/Output resolutions	PC: VGA @60, 72, 75, 85Hz SVGA@60, 72, 75, 85Hz XGA @60, 70, 75, 85Hz SXGA @60, 75, 85Hz UXGA @60Hz 1152@70, 75, 85Hz HD: 480i@60Hz, 576i@50Hz, 480p@60Hz, 576p@50Hz, 720p@60, 50Hz, 1080i@ 50, 60Hz, 1080p@24, 25, 30, 50, 60Hz
Supported Data Transfer Rate	Up to 115.2Kbps

Support, Warranty Information, and Regulatory Compliance Statement
 If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads. This product is backed by a lifetime 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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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.