

1T-FC-326

HDMI to YPbPr Format Converter



Key Features 1T-FC-326

- Compliant with HDMI 1.2a, HDCP 1.1 and DVI 1.0
- Allows Selection of either of 2 HDMI inputs
- Converts HDMI In to Component Video Out
- Supports all SDTV and HDTV Resolutions
- Provides Digital and Analog Stereo outputs
- IR Remote Control
- HDCP Compliant
- Accepts standard or locking type HDMI connectors
- Locking DC Power Supply

1T-FC-326 Format Converter is a high quality device that allows selection of either of its two HDMI inputs for conversion to an analog YPbPr or YUV output. Very wide video bandwidth insures that the analog output is capable of showing the fine detail present in most HDMI signals. The audio output includes Coaxial Digital and Analog Stereo (R/L) that has been de-embedded from the HDMI digital signal stream.

The unit may be operated either from the front panel buttons or the IR Remote Control. LEDs on the front panel indicate which of the two inputs is selected and if HDCP (Content Protection) is present. It accommodates cables with either standard or locking type connectors. Provisions are made for securing locking type HDMI connectors to the case. The unit requires external 5VDC and an AC Adapter is provided. It has a locking DC connector for added security.

Note – Since this device is HDCP Compliant, a content protected HDMI input may result in no output.

1T-YPbPr-HDMI

YPbPr to HDMI Format Converter



Key Features 1T-YPbPr-HDMI

- Excellent HDMI Compliant Video Quality
- Automatic Input Format Detection
- Toslink Audio Support
- Operating Frequency to 165Mhz

1T-YPbPr-HDMI converts an analog component YPbPr or YUV signal to an HDMI compliant output allowing the viewing or switching of an analog component video signal on an HDMI display. A Toslink input connector is provided to allow integration of a digital audio signal into the HDMI digital output stream. Component video inputs are via three RCA connectors.

This unit is a Format Converter only and no video scaling takes place. The output resolution is the same as the input. All common HDTV resolutions are automatically detected. The output is fully compliant with the HDMI 1.2 standard assuring proper decoding by an HDMI display. An AC Power Adapter is provided with locking DC connectors for security.

Format Converters without Scaling

Distributor / Vertrieb:

VIDELCO – Professionelle Audio- Video- Medien-Technik!
Tel.: +49 (0)2102 / 86 39-00 • Fax: +49 (0)2102 / 86 39-17 • info@videlco.eu • www.videlco.eu

1T-FC-326 Specifications

Video Inputs

HDMI 2x via HDMI Connectors

Video Outputs

YPbPr or YUV 1x via 3x RCA Connectors

Video Performance

Output Level Y=1V p-p, Pb/Pr=0.7Vp-p
Bandwidth >160MHz
Impedance 75Ω

Compliance

HDMI Version 1.2a
DVI Rev 1.0
HDCP Version 1.1

Audio Outputs

Analog Stereo (R/L) 1x via 2x RCA Connectors
Digital Audio (S/PDIF) 1x via RCA Connector

Audio Performance

Level (Analog) (L/R) 2Vrms max @ 47KΩ
Level (Digital) 0.5~1Vp-p@75Ω
Bandwidth (Analog) 20Hz to 20 KHz
Impedance (Analog) 47KΩ
Impedance (Digital) 75Ω

Mechanical

Size (H-W-D) 30x200x90mm(1.18"x7.87"x3.54")
Weight (Net) 500 g (1.10 lbs)

Warranty

Limited Warranty 3 Years Parts and Labor

Environmental

Operating Temperature 0° to +50°C (+32° to +122°F)
Operating Humidity 10% to 90%, Non-condensing
Storage Temperature -10° to +60° C (+14° to +140° F)
Storage Humidity 10% to 90%, Non-condensing

Power Requirement

External Power Supply 5VDC@2A - Locking DC

Regulatory Approvals

Switcher Units FCC, CE, RoHS
Power Supplies UL, CUL, CE, PSE, GS, RoHS

Accessories Included

1x AC Power Adapter US, UK or Euro
1x IR Remote Control
1x Operations Manual

Product Item Number 1T-FC-326

1T-YPbPr-HDMI Specifications

Input

YPbPr/YUV Video 1x via 3x RCA Connectors
Digital Audio 1x via Toslink Optical Connector

Output

HDMI 1x via HDMI Connector

Input Resolutions

Interlaced (50&60Hz) 480i, 576i, 1080i
Progressive (50&60Hz) 480p, 576p, 720p, 1080p
Special (24 to 50Hz) 1080p@24, 1080p@25
1080p@30, 1080p@50

Video Specifications

Progressive Component YPbPr
Interlaced Component YUV (Y,R-Y,B-Y)
Input Signal Levels Y= 1Vp-p. Pb, Pr, U, V= 0.7Vp-p
Impedance 75Ω, all inputs
Bandwidth Up to 165Mhz

Compliance

HDMI Version 1.2

Mechanical

Size (H-W-D) 30x76x105mm (1.2"x3"x4.1")
Weight (Net) 200 g (0.43 lbs)

Warranty

Limited Warranty 3 Years Parts and Labor

Environmental

Operating Temperature 0° to +50° C (+32° to +122° F)
Operating Humidity 10% to 90%, Non-condensing
Storage Temperature -10° to +60° C (+14° to +140° F)
Storage Humidity 10% to 90%, Non-condensing

Power Requirement

External Power Supply 5VDC@1A, Center Positive

Regulatory Approvals

Converter Unit FCC, CE, RoHS
Power Supply UL, CUL, CE, PSE, GS, RoHS

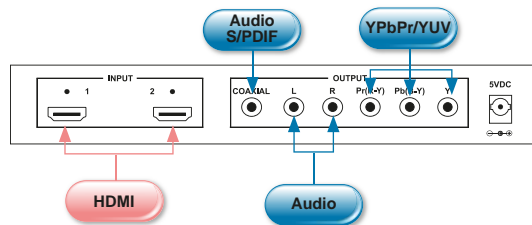
Accessories Included

1x Power Adapter US, UK or Euro
1x Operations Manual

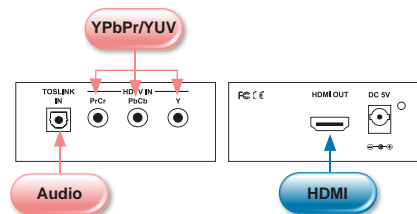
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