

**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.



## Key Features of the 1T-YPBPR-HDMI

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

## 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 2 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

**Product Item Number** 1T-YPBPR-HDMI

## Panel Drawings

