

VGA/YPbPr & Audio to HDMI Converter

Quick Installation Guide

1. Introduction

The converter offers an easy and instant approach for converting VGA and component video (YPbPr) with digital audio (S/PDIF) or analog stereo audio to digital HDMI.

VGA based devices such as PC with S/PDIF or analog stereo audio can readily connect to your HDMI TV.

1-1 Features and Benefits

- HDMI 1.2a Compliant
- PC video supports up to UXGA (1600x1200) or WUXGA (1920x1200)
- Support HD (1080i / 720p) component video
- Front panel LED indicators and push button

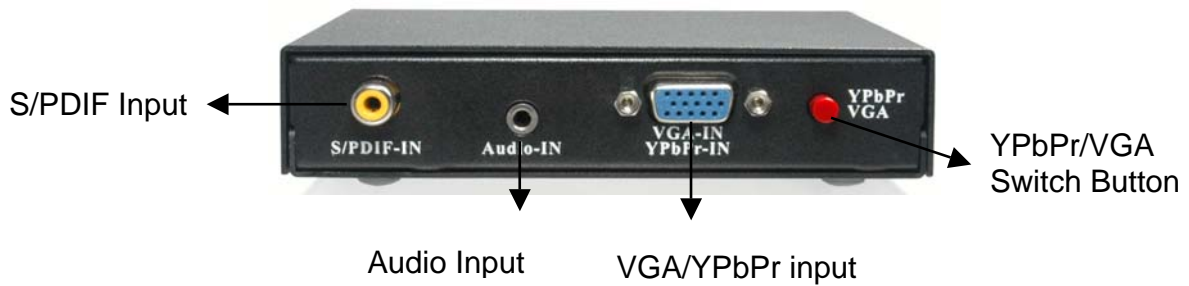
1-2 System Requirements

- PC system or DVD players with an available VGA port or YPbPr connector and Audio connector

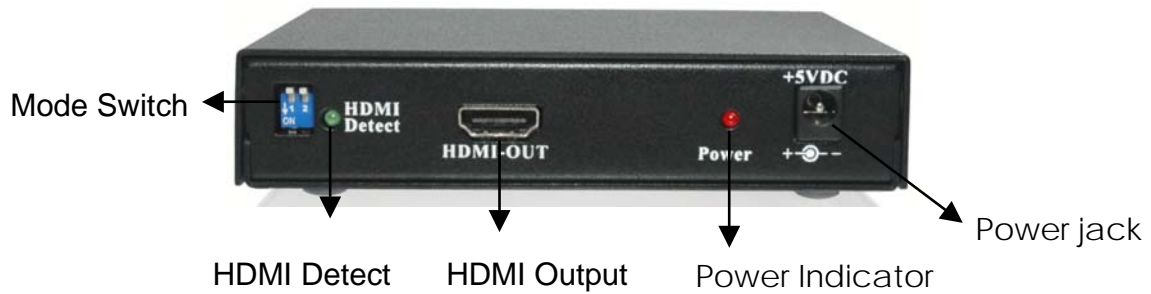
1-3 Package Contents

- VGA/YPbPr & Audio to HDMI Converter
- VGA to YPbPr adapter
- Power adaptor
- Quick Installation Guide

1-4 Lay out



Front View Layout



Rear View Layout

Mode Switch

1	2	Mode
Off	Off	Analog audio input
Off	On	S/PDIF audio input
On	Off	Write back default factory EDID into flash
On	On	Learn monitor's EDID and save into flash



VGA/YPbPr & Audio to HDMI Converter Application

1-5 Specifications

- Power Consumption: 15 Watts (max)
- Phone Jack: Analog stereo audio
- RCA Connector: Coaxial S/PDIF (PCM 48k)
- Input resolution up to UXGA (1600x1200) / WUXGA (1920x1200)
- Input connectors
 - 15 pin female VGA or YPbPr (VGA to YPbPr Adapter) input
 - RCA Connector: Coaxial S/PDIF
 - Analog stereo audio
- Output connectors:
 - HDMI connector: 19 pin type female connector
- Power supply: 5V 4A DC

Resolution Support

PC Graphics

VESA 640x400 @85Hz	VESA 1024x768 @60Hz	VESA 1280x960 @85Hz
VESA 720x400 @85Hz	VESA 1024x768 @75Hz	VESA 1280x1024 @60Hz
VESA 640x480 @72Hz	VESA 1024x768 @85Hz	VESA 1280x1024 @85Hz
VESA 640x480 @75Hz	VESA 1152x864 @60Hz	VESA 1360x768 @60Hz
VESA 640x480 @85Hz	VESA 1152x864 @75Hz	VESA 1440x900 @60Hz
VESA 800x600 @60Hz	VESA 1280x768 @60Hz	VESA 1400x1050 @60Hz
VESA 800x600 @72Hz	VESA 1280x768 @75Hz	VESA 1400x1050 @75Hz
VESA 800x600 @75Hz	VESA 1280x768 @85Hz	VESA 1920x1200 @60Hz
VESA 800x600 @85Hz	VESA 1280x960 @60Hz	VESA 1600x1200 @60Hz

Component Video (YPbPr)

EIA 720x480p @59.94 (60) Hz
EIA 720x576p @50Hz
EIA 1280x720p @59.94 (60) Hz
EIA 1920x1080i @59.94 (60) Hz
EIA 1920x1080p @59.94 (60) Hz
712x484 (NTSC)
702x574 (PAL)

2. Installation

2-1 Static Electricity Precaution

The **VGA/YPbPr & Audio to HDMI Converter** has been tested for conformance to safety regulations and requirements, and has been certified for international use. However, like all electronic equipments, the converter should be used with care. Please read and follow the safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- Do not attempt to service this unit yourself, except where explained in this manual.
- Provide proper ventilation and air circulation and do not use near water.
- Keep objects that might damage the device and assure that the placement of this unit is on a stable surface.
- Use only the power adapter, power cords and connection cables designed for this unit.
- Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

2-2 Hardware Installation

1. Connect VGA or YPbPr source to the video input.
2. Connect S/PDIF or stereo audio source to RCA jack or 3.5mm jack.
3. Connect HDMI TV to the HDMI output connector.
4. Power up the converter.



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