

PC/HD With Audio to HDMI Format Converter

Operation Manual



AItech : VGA to HDMI

The PC/HD to HDMI format converter converts analog PC RGBHV/YPbPr and audio signal to digital HDMI format.

It allows you to connect the analog HD-15 RGBHV/YPbPr output from PC or Video equipments to the digital HDMI input of the latest HD ready plasma, LCD or DLP TV.

Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

This package includes:

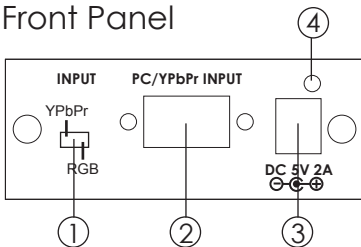
- One VGA-to-HDMI unit.
- One switching power supply adaptor.
- One VGA to 3 RCA adaptor cable.
- User manual.

Features:

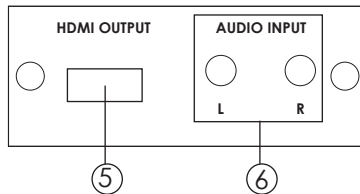
- * It enables you to connect computers with analog PC output or DVDs with YPbPr output to HDMI input of HD ready plasma, LCD or DLP TV.
- * You can select input format as PC/RGBHV or HD/YPbPr.
- * HDMI is compliant with HDMI 1.2
- * Supports up to 1600 x 1200 @ 60 for PC input and 1920 x 1080p @ 60 for HD input.

Operation Controls and Functions

Front Panel



Rear Panel



1. Input format switch:

- Set the switch to YPbPr when the output format of your source equipment is component YPbPr. Use VGA to 3 RCA adaptor cable to connect between your source equipment and the VGA-to-HDMI.
- Set the switch to RGB when the output format of your source equipment is RGBHV. Use HD-15 D-Sub VGA cable to connect between your source equipment and the VGA-to-HDMI.

2. HD-15 D-Sub input: Connects to PC or YPbPr output connector of your PC or YPbPr source equipment using VGA cable, or D-Sub to 3 RCA adaptor cable.

3. DC 5V power input jack.

4. Power LED light.

5. HDMI output connector: Connect to the HDMI input of your display TV using HDMI cable.

6. Stereo audio input : Connect to the output of your audio source equipment.

Specifications

- * Video Input: HD-15 (RGBHV/YPbPr)
- * Input signal:
 - RGB: 0.7 Vp-p 75 ohm
 - H + V: 3 to 5 Vp-p
 - or Y :1 Vp-p 75 ohm,
 - Pb/Pr:0.7 Vp-p, 75 ohm
- * Audio Input: Analog audio L,R
- * HDMI is compliant with HDMI 1.2
- * 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、XGAi@87
 - HD : 480i@60、576i@50、480p@60、576p@50、720p@60、
 - 720p@50、1080i@60、1080i@50、1080p@60、
 - 1080p@50、1080p@30、1080p@25、1080p@24
- * Using switch to select input format between HD/YPbPr and PC/RGBHV
- * Dimension (WxHxD) : 76 * 30 * 105mm
- * Power : 5V 2A Center-positive

Connection and Installation

