CP-1262HE
HDMI to PC/Component Converter with Audio Box

Operation Manual
Table Of Contents

1. Introduction ................................................................................ 1
2. Features ...................................................................................... 1
3. Operation Controls and Functions .............................................. 2
   3.1 Front Panel ........................................................................... 2
   3.2 Rear Panel ............................................................................ 2
4. Connection and Installation ....................................................... 3
5. HDMI Connector Pin Assignment ............................................... 3
6. Specifications ............................................................................. 4
1. Introduction
This converter box converts digital HDMI to Analog PC or SD/HD output. It enables to connect the HDMI sources to the analog PC monitor, Projector or TV. Its high bandwidth capability supports a wide range of PC and HDTV resolutions.

2. Features
- Supports HDMI input and Analog PC or SD/HD output.
- Supports output selection between YPbPr and RGB.
- Supports input/output resolution as below:
  PC: 640x480= VGA59, VGA60, VGA72, VGA75, VGA85
      800x600= SVGA56, SVGA60, SVGA72, SVGA75, SVGA85
      1024x768= XGA60, XGA70, XGA75, XGA85
      1152x864= MAC70, MAC75, MAC85
      1280x800= WXGA60
      1280x1024= SXGA60, SXGA75, SXGA85,
      1440x900= WXGA60
      1600x1200= UXGA60
      1680x1050= WSXGA+60
      1920x1200= WUXGA60(pixel-rate=154MHz)
  HD: 480I60, 576I50, 480P60, 576P50, 720P60, 720P50, 1080I60, 1080I50,
     1080P60, 1080P50
Note: ① Due to the limitation of Tri-level synchronies output the image will shift to the left side of the screen when component output at 720p/1080i/1080p.
② If HDMI source includes HDCP (High-bandwidth Digital Content Protection), output display is not supports HDCP decryption and no image will display.
- Built in EDID.
- HDMI 1.3, HDCP 1.1 and DVI compliant.
3. Operation Controls and Functions

3.1 Front Panel

① YPbPr/RGB switch:
Set the switch to RGB when your HDMI source equipment is PC graphic card or other digital RGB source signal. Use HD-15 to HD-15 VGA cable to connect between the unit’s RGB out and the RGB input of your PC monitor, or projector. Set the switch to YPbPr when your HDMI source equipment is DVD player, set-top-box or other High definition digital video source. Use a VGA to 3 RCA adaptor cable to connect the unit’s YPbPr out to the YPbPr input connector of your HDTV.

Note: When YPbPr output from HD-15 D-Sub the H-pin and V-pin will remain the signal at the same time.

② HDMI input: Connect the HDMI input port to the HDMI output port of your source equipment such as DVD player or set-top-box.

③ Power: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.

3.2 Rear Panel

① HD-15 D-Sub output: Connect the output port to the PC/YPbPr input of analog PC monitor, Projector or TV.

② L/R: Stereo audio output via 3.5mm phone jack.
4. Connection and Installation

Connection 1 (RGB out)

- DVD or, Set-Top-Box
- HDMI out
- VGA cable
- 3.5mm to 2 RCA audio cable
- LCD Monitor/TV Projector

Connection 2 (YPbPr out)

- DVD or, Set-Top-Box
- HDMI cable
- YPbPr cable
- D-Sub to 3 RCA cable
- Audio
- LCD TV

5. HDMI Connector Pin Assignment

<table>
<thead>
<tr>
<th>Pin#</th>
<th>Pin#</th>
<th>Function Assignment</th>
<th>Function Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>TMDS Data2+</td>
<td>TMDS Data2 Shield</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>TMDS Data2-</td>
<td>TMDS Data1+</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>TMDS Data1 Shield</td>
<td>TMDS Data1-</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
<td>TMDS Data0+</td>
<td>TMDS Data0 Shield</td>
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<tr>
<td>9</td>
<td>10</td>
<td>TMDS Data0-</td>
<td>TMDS Clock+</td>
</tr>
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<td>12</td>
<td>TMDS Clock Shield</td>
<td>TMDS Clock-</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>CEC</td>
<td>Reserved (N.C. on device)</td>
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<td>15</td>
<td>16</td>
<td>SCL</td>
<td>SDA</td>
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<tr>
<td>17</td>
<td>18</td>
<td>DDC/CEC Ground</td>
<td>+5V Power</td>
</tr>
<tr>
<td>19</td>
<td></td>
<td>Hot Plug Detect</td>
<td></td>
</tr>
</tbody>
</table>

Output Format
6. Specifications

**Operation Frequency**
Up to 225MHz

**Input Port**
1 x HDMI

**Output Ports**
1 x HD-15 D-Sub (RGBHV or YPbPr)
1 x Analog L/R 3.5mm phone jack

**Output Signal**
RGB: 0.7Vp-p 75ohm
H/V: 3 to 5 Vp-p
Or Y: 1 Vp-p 75ohm
PB/Pr: 0.7 Vp-p 75ohm

**Input/Output Resolution**
PC: 640x480= VGA59, VGA60, VGA72, VGA75, VGA85
800x600= SVGA56, SVGA60, SVGA72, SVGA75, SVGA85
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1920x1200= WUXGA60(pixel-rate=154MHz)
HD: 480i60, 576i50, 480P60, 576P50, 720P60, 720P50,
1080i60, 1080i50, 1080P60, 1080P50

**HDMI Audio In**
PCM2

**HDMI In Color Space**
RGB, YUV

**Power Supply**
5V/1A DC (US/EU standards, CE/FCC/UL certified)

**Dimensions (mm)**
76(W) x 30(D) x 92(H)

**Weight (g)**
172

**Chassis Material**
Aluminum

**Silkscreen Color**
Silver

**Operating Temperature**
0°C ~ 40°C

**Power Consumption**
2.5W (max)