

# DVI PC/HD to HDMI 720p/1080p Scaling Converter ID# 660



## Operation Manual

## Introduction

This unit not only allows you to connect a PC/DVI device such as a set top box or DVD player to a High Definition Display, but it will also upscale the video leading to a higher resolution and a better viewing image on your TV.

It can upscale PC/DVI input sources to HDMI output for a wide range of PC/HD resolutions. The unit will scale the input device and output at XGA/UXGA/720p/1080p resolutions. To switch between different output resolutions you simply press the "Output Timing" button on the side of the unit. When this button is pressed, a selection menu will appear on the TV allowing you to select the appropriate resolution for your purposes (XGA/UXGA/720p/1080p).

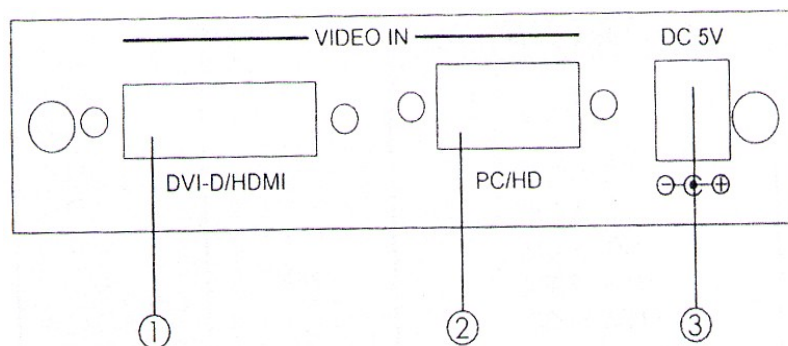
Up to two devices can also be connected to the unit at the same time, with a "Input Video" button allowing you to switch between which input device will be displayed on the connected HDTV. The unit also has Coax and L/R Audio input, with the unit transferring sound to HDMI output.

## Features

1. HDMI 1.3, HDCP 1.1 and DVI 1.0 compliant.
2. Support PC/HD resolution input: HDMI: 480p-1080p50/60  
DVI : VGA-WUXGA  
PC : VGA-WUXGA  
HD : 480i-1080p50/60Hz
3. Scale PC/HD/DVI/HDMI resolutions to XGA/UXGA/720p/1080p resolutions.
4. Support PC/HD&DVI/HDMI to HDMI output.
5. Transfer L/R and coaxial sounds to HDMI.
6. Input and output selection bottoms for easy and quick function chose.

## Operation Controls and Functions

### Front Panel



**1. DVI-D IN:** Connect the PC input DVI (29 pin) port to the DVI output port of your HDMI source equipment such like PC. Resolution: VGA- WUXGA ; 480p-1080p50/60

**Note: DVI-D input can only take Digital signal.**

**2. PC/HD:** Connect the PC input D-Sub (15-pin) port to the D-Sub output

port of your source equipment such like PC or a D-Sub to 3RCA to your source equipment like DVD player.

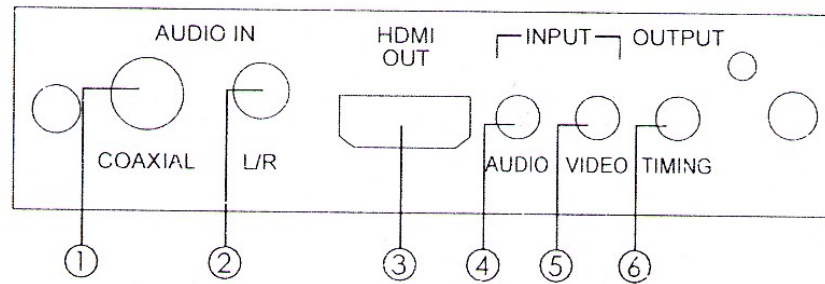
**PC Resolution:** VGA- WUXGA

**Component Resolution:** 480i-1080i, 1080P 50/60

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

**Note: Output timing 1080p 50Hz may not be supported by some TV with input 576i/p@50, 720p50 and 1080i50.**

## Rear Panel



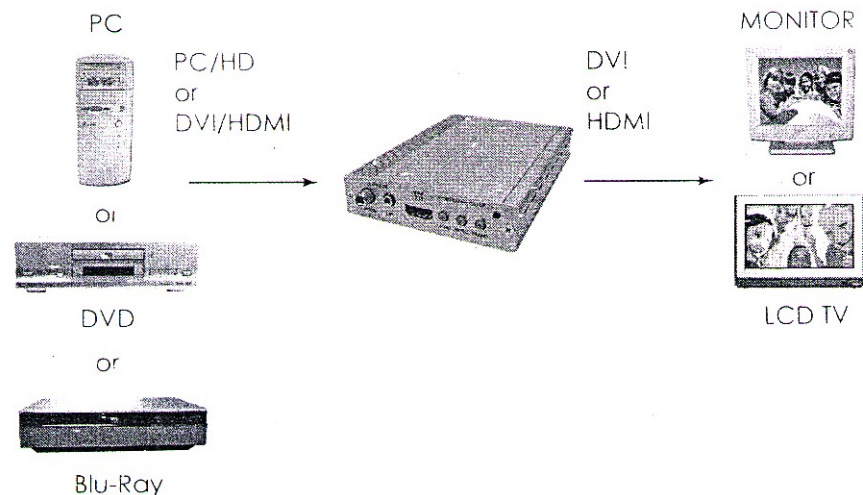
- 1. Coaxial:** Connect the coaxial audio cable from source device.
- 2. L/R:** Connect the L/R phone jack from the source device.
- 3. HDMI out:** Connect the HDMI cable to LCD TV or Monitor.
- 4. Audio:** input audio switching button for selecting coaxial or L/R audio signal. Simply push the button and the selection menu will display on the TV.
- 5. Video:** input video switching button for selecting DVI or PC/HD video signal. Simply push the button and the selection menu will display on the TV.
- 6. Output Timing:** output resolution selectable on 720p / 1080p / XGA / UXGA. Simply push the button and the selection menu will display on the TV.

**Note: A. Only when HDMI signal is send the selection of audio under HDMI will appear on the display and the audio will support PCM2ch.**

**B. By pushing both Audio & Video buttons the output will switch to XGA.**

**C. By pushing both Audio & Timing buttons the output will switch to 720p.**

## Connection and Installation



## Support Resolution

Input		Output
Resolution	Vertical Rate	Resolution/Vertical Rate
VGA	60Hz	UXGA/60Hz XGA / 60Hz 720P/60Hz 1080P/60Hz
SVGA		
XGA		
SXGA		
WXGA		
UXGA		
WSXGA		
WUXGA		
480i/480p		
1080i		
1080p		
576i/576p	50Hz	UXGA/50Hz (note 1)
720p		XGA/50Hz (note 1)
1080i		720P/50Hz
1080p		1080p/50Hz (note 2)

**Note 1 :** This scaler doesn't support 50/60Hz frame rate conversion; therefore 50Hz PC resolutions may not be compatible with all displays.

**Note 2 :** The timing of 1080p 50Hz output signal is very critical; therefore it may not be compatible with all displays.

## Specifications

<b>Input ports</b>	1 x PC/HD 1 x DVI-D 1 x Coaxial/Audio 1 x L/R Audio
<b>Output port</b>	1 x HDMI
<b>Power Supply</b>	5V/1A DC (US/EU standards, CE/FCC/UL certified)
<b>Dimensions (mm)</b>	160(D) x 102(W) x 25(H)
<b>Weight(g)</b>	332
<b>Chassis Material</b>	Aluminum
<b>Silk Skin Color</b>	Silver
<b>Operating Temperature</b>	Operating from - 0°C - 40°C