SY-P290

PC/DVI to HDMI Scaler Box

Operation Manual

SY-P290

Revision History

Version No	*Date*	*Summary of Change*
V1	***20090106***	***Preliminary Release***

Precaution

Failure to follow the precautions described below may cause damage to PC/DVI to HDMI Scaler Box and void the warranty.

- DO NOT open the case. Doing so will void the warranty. If you find problem with it, please return back to your retailer or seller who will assist you or provide you with solution.
- DO NOT use third-Party AC adapter or power cord. Doing so may damage PC/DVI to HDMI Scaler Box.
- DO NOT bump, jar or drop contents of the products as it may damage it and result in warranty void.
- DO NOT set any liquids or beverages on the drive as they may damage PC/DVI to HDMI Scaler Box.

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1. Introduction

This Scaler Box is design to display your PC/HD images on the HDTV with better viewing image. It can upscale PC/DVI input sources to HDMI output for wide-range PC/HD resolutions; the resolution support XGA/UXGA/720p/1080p. This unit allows user to select a variety of output resolutions and adjust for the best picture quality. Further, it also transfer sounds through HDMI for user to enjoy both HD images and sounds consistently.

2. Application

- Individual home use
- Classroom presentation
- Meeting demonstration
- Gaming entertainment playing

3. Contents

- PC/DVI to HDMI Scaler Box
- Power adaptor
- Operation Manual

4. System Require

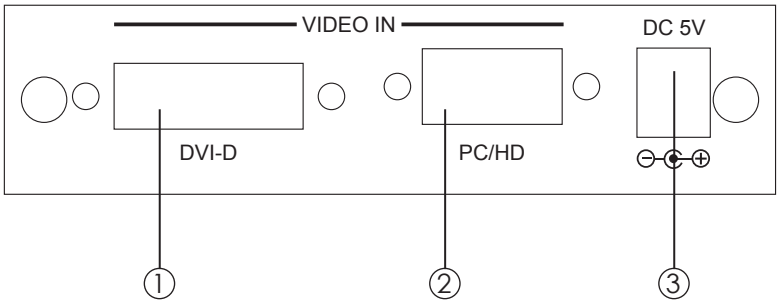
- PC/DVD and HDTV/Monitor.
- D-SUB/ 3RCA to D-SUB, DVI/HDMI to DVI-D cable for linking source input & image output to TV.
- Coaxial or audio phone jack cable for linking the digital or analog audio sounds.

5. Features

- HDMI 1.2, HDCP 1.1 and DVI 1.0 compliant.
- Support PC/HD resolution input:
  DVI: VGA~WUXGA
  PC: VGA~WUXGA
  HD: 480i~1080p50/60Hz
- Scale any PC/HD resolutions to XGA/UXGA/720p/1080p resolutions.
- Support PC&DVI to HDMI output.
- Transfer L/R and coaxial sounds to HDMI.
- Input and output selection bottoms for easy and quick function chose.

6. Operation Controls and Functions

6.1 Front Panel

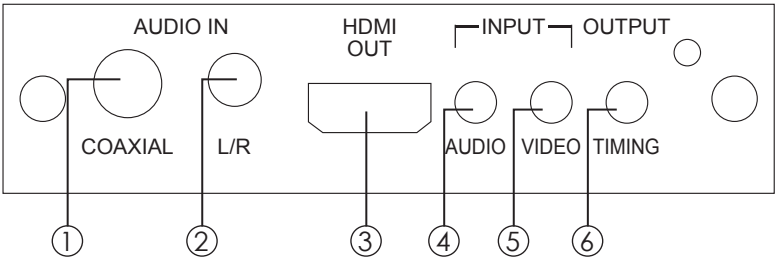


① DVI-D IN: Connect the PC input DVI (29 pin) port to the DVI output port of your source equipment such like PC.
Resolution: VGA~ WUXGA
Note: DVI-D input can only take DVI-D signal.

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

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

6.1 Rear Panel

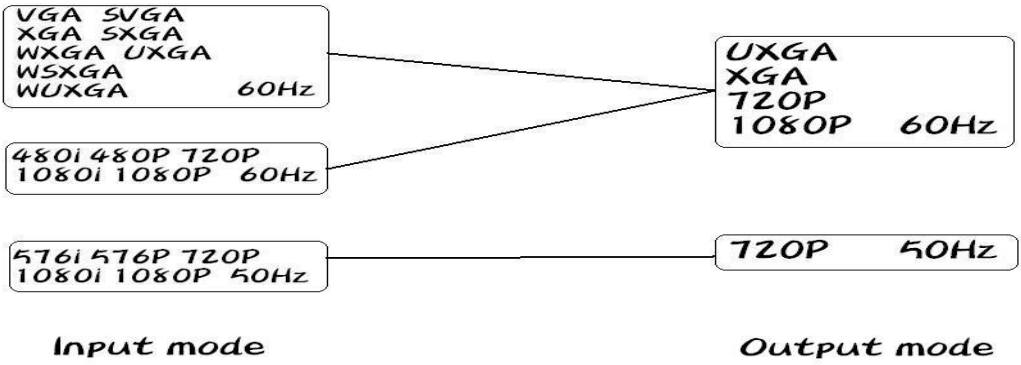


① Coaxial: Connect the coaxial audio cable from source device.
② L/R: Connect the L/R phone jack from the source device.
③ HDMI out: Connect the HDMI cable to HDTV of display.
④ Audio: input audio switching bottom for selecting coaxial or L/R audio signal. Simply push the bottom and the selection menu will display on the TV.
⑤ Video: input video switching bottom for selecting DVI or PC/HD video signal. Simply push the bottom and the selection menu will display on the TV.
⑥ Output Timing: output resolution selectable on 720p / 1080p / XGA / UXGA. Simply push the bottom 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 bottoms the output will switch to XGA.
C. By pushing both Audio & Timing bottoms the output will switch to 720p.

7. Specifications

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

8. Connection and Installation

9. Support Resolution