Video / S-Video to HDMI scaler box   ID# 610

Operation Manual
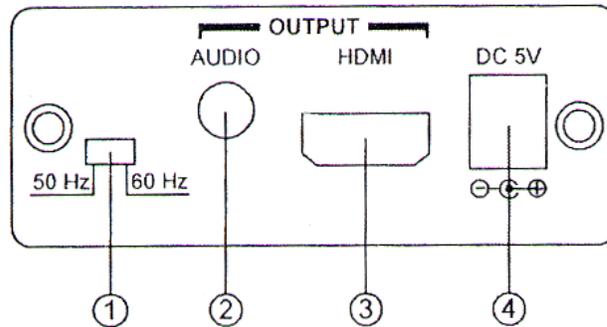
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Introduction

The product is a simple Composite Video / S-Video to HDMI scaler box, it accepts both PAL and NTSC video inputs and converts the signal to 720p high definition output with vertical rates (50/60 Hz) selectable.
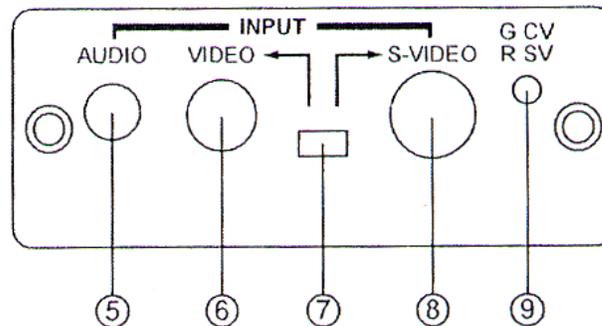
Features

1. Supports video upscaling from 480i/576i to HDTV 720p format.
2. Automatic lipsync (audio delay) ensures audio video synchronization.
3. Output vertical rate selectable on 50Hz or 60Hz, only works for PAL@50Hz input.
4. Audio is incorporated into HDMI out as well as passthrough to phone-jack output
5. Input video systems - NTSC3.58 / PAL / RGB 50Hz / ROB 60Hz auto-detection.
6. DVI compatible by using HDMI to DVI adaptor.

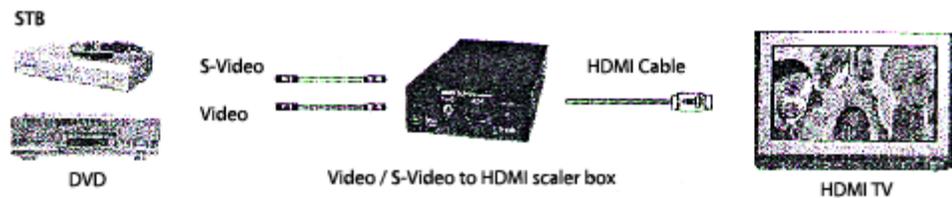## Operation Controls and Functions

Front Panel

Rear Panel

1. **Output Vertical Rate Switch:** Use the switch to select between 50Hz or 60Hz vertical rate output. The 50/60Hz switch only works when the input is PAL@50Hz. When the input is NTSC, the output will always be $720p@60Hz$.
2. **Audio Output:** Stereo L/R audio output in phone-jack.
3. **HDMI Output:** Connect HDMI output port to the HDMI input of an HDMI display.
4. **Power Supply:** Power Supply: Plug the 5VDC power supply into the unit and connect the adaptor to AC wall outlet.
5. **Audio Input:** Stereo L/R audio input in phone-jack.
6. **Composite Video Input:** Connect the Composite Video input port to the Video output port of your video source, such as DVD player.
7. **Input Switcher:** Use the switcher to select input source between Composite Video and S-Video.
8. **S-video Input:** Connect the S-Video input port to the S-Video output port of your video source, such as DVD player.
9. **Input Indicator LED:** The LED illuminates in green color when the Composite Video is selected, in red when S-Video is selected.
10. **Video output:** Connect to display using video composite or S-Video cable.

Connection and Installation

Video / S-Video to HDMI scaler box

Specifications

INPUT SYSTEMS:

Video System: NTSC3.58 video/PAL video/RGB50Hz/RGB60Hz auto-detection.

Audio System: Analog (L/R) Audio

Analog audio lipsync(audio delay) to video.

Audio delay time is 112ms for 48kHz sampling rate

INPUT CONNECTORS:

S-Video x 1, Video x 1, Audio 3.5mm Phone-Jack x 1

OUTPUT SYSTEMS:

When inputs are NTSC3.58/RGB60Hz, the output is 720p 60Hz.
When inputs are PAL/RGB50Hz, the output can be 50Hz or 60Hz selectable.

OUTPUT CONNECTORS: HDMI TYPE-A xl

Audio phone jack xl

POWER: DC 5V/2.6A, center positive

DIMENSION: 76.7(W)x1.51(D)x30(H)mm 7. WEIGHT: 0.6kgs