

Video & Component to HDMI Scaler Box - ID# 912



Operation Manual

Introduction

The Video & Component to HDMI Scaler Box is specially designed for low resolution analog YCbCr contents video to be upscaled and displayed on a HD TV/monitor. This device is suitable for iPod & MPEG 4 consumer video devices to enjoy displayed video images on a big screen TV with HD resolution. This device has built in resolution adjustment allowing the user to select the best output resolution to best match the HDTV. The Touch button panel and the hand held remote bring you the ease of control to best enjoy your videos.

Features

- Full HQV quality de-interlacing
- Improved adaptive motion processing for difficult and poor quality video scenes
- Temporal Noise Reduction (TNR)-Reduces noise caused by on film grain, random noise, sensor noise and light fluctuations
- Block Artifact Reduction (BAR)-Reduces Compression block artifact
- Mosquito Noise Reduction (MNR)-Reduces mosquito noise
- Supports NTSC/PAL input video and resolution 480i/p and 576i/p
- Video output resolution up to 1080p@60Hz
- Power over USB
- Palm size with stylish design
- Demo before scale and after scale's picture difference
- Enhance picture's detail quality

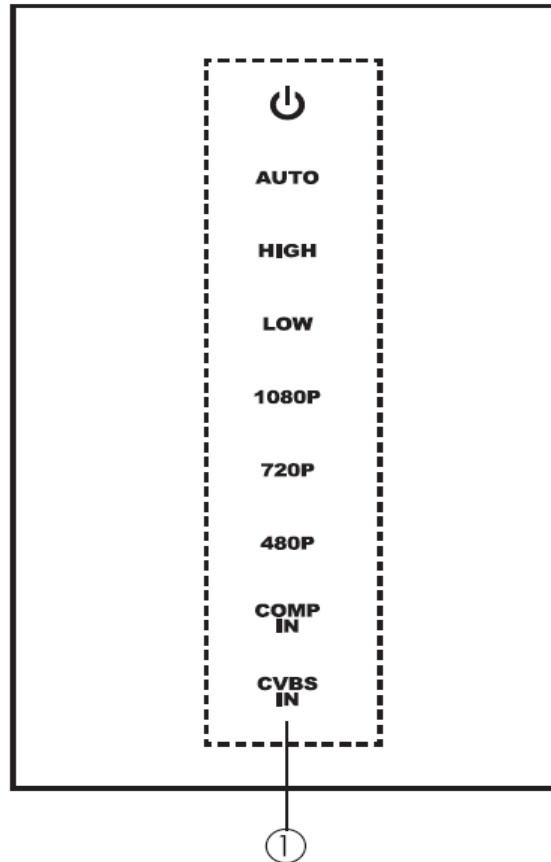
Applications

- Analog video CVBS & COMP YCbCr signal convert to digital video signal
- Analog audio signal convert to digital audio signal
- Low resolution MPEG image upscale to HD resolution and display

System Requirements

Input video and or audio source equipment such as video player or palm size camcorder with connection cable and output display to HD TV/monitor with HDMI cable.

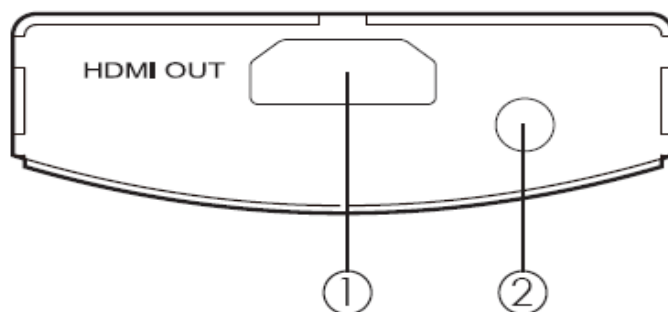
Operation Controls and Functions Top Panel



1. Touch panel LED indicators: This is a touch panel controller, users can touch on the symbol or letters to select source and output and the blue LEDs will illuminate according to user's selection.

- **Top Symbol represent power:** press it once to turn ON the device and the LED will illuminate in blue, press it again to switch the device to standby mode and the LED will illuminate in red.
- **AUTO, HIGH & LOW** are the mode adjustment function for the output display image. Users can select only one of the three at a time.
- 1080p/720p & 480p are the output resolution selection. Users can only select one of the three at a time.
- COMP IN & CVBS IN are the input selection. Users can only select one of two at a time.

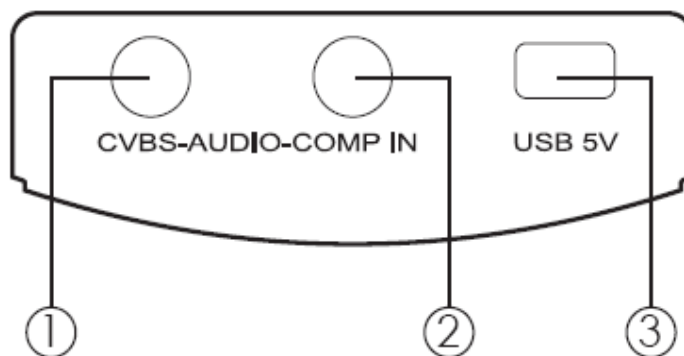
Front Panel



1. HDMI OUT: This slot is to connect the HD TV/monitor with HDMI cable for output image signal.

2. IR receiver window: The IR receiver only receives the signal from the remote control included in the package.

Rear Panel



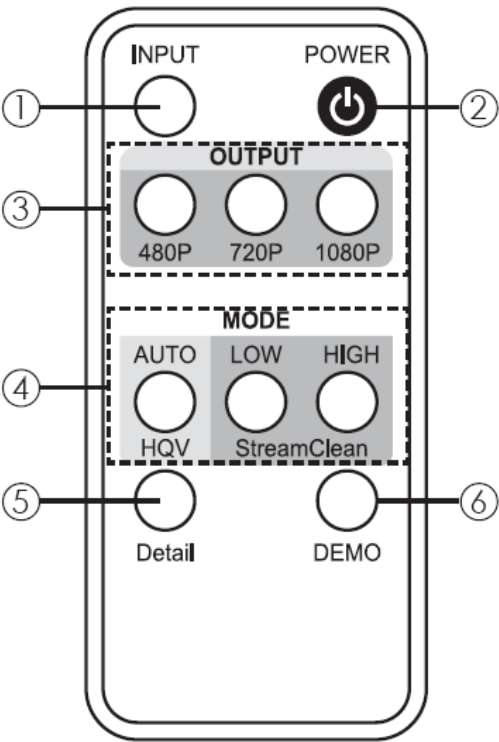
1. CVBS & Audio IN: This slot is to connect an input source device such as a camcorder device or video player via Composite video cable.

2. COMP IN: This slot is to connect with an input source device such as DVD player or iPod devices via composite video cable

3. USB 5V IN: Plug the 5V DC USB power adapter (included in the package) from the AC wall outlet to the unit.

Remote Control

- 1. INPUT:** Press this button to switch input source in between CVBS or Component.
- 2. Power:** Press this button to turn ON or set the device to standby mode.
- 3. OUTPUT 480p/720p/1080p:** Press these hot keys to select the desire output resolution of 480p/720p or 1080p.
- 4. MODE AUTO/LOW/HIGH:** Press these hot keys to select the output display's image quality.
- AUTO:** adjustment by the device for the output image's noise reduction.
- LOW:** adjustment on the output image's noise reduction.
- HIGH:** adjustment on the output image's noise reduction.
- 5. Detail:** Press this button to adjust further on the image's sharpness. There are total of 4 levels allowing the user to adjust for the best output image.
- 6. DEMO:** Press this button to demonstrate the original output image and the image output from the device. A green vertical line will appear on the middle of the image and the left side is the original picture whereas the right side is the picture with HQV process. To move the line to left press the hot key of 480p and to move the line to right press the hot key of 1080p. Press the button again to exit the DEMO function.



Specifications

Frequency bandwidth	2.25Mbps
Input port	1 x CVBS, 1 x Component
Output port	1 x HDMI
Input Video Resolution	480i/p, 576i/p
Output Resolution	480p, 720p, 1080p
Power Supply	5V/1.2A USB jack (US/EU standards,
CE/FCC/UL certified)	
ESD Protection	Human body model: ±8kV (air-gap discharge) ±6kV(contact discharge)
Dimensions	(mm) 119.5(W) x 70(D) x 25(H)
Weight(g)	200
Chassis Material	Plastic
Silk Skin Color	Black
Operating Temperature	0°C ~ 40°C
Storage Temperature	20°C ~60°C / -4°F~140°F
Relative Humidity	20 ~90%RH (non-condensing)
Power Consumption	4.2W

Connection

