

SCART to HDMI 1.3 SD to Full HD Scaler Box - ID# 723



Operation Manual

Introduction

This scaler Box is designed to display your analog video/R.G.B images on the HDTV with better viewing resolutions. It can upscale any SCART'S input sources to HDMI output with wide-range resolutions. Further, this device also can transfer sounds for user to enjoy both HD images and sounds consistently.

Application

- Convert video to HDMI 1.3 at 1080P for HDMI LCD TV / LCD monitor
- To improve video quality to HDMI resolution

System Requirements

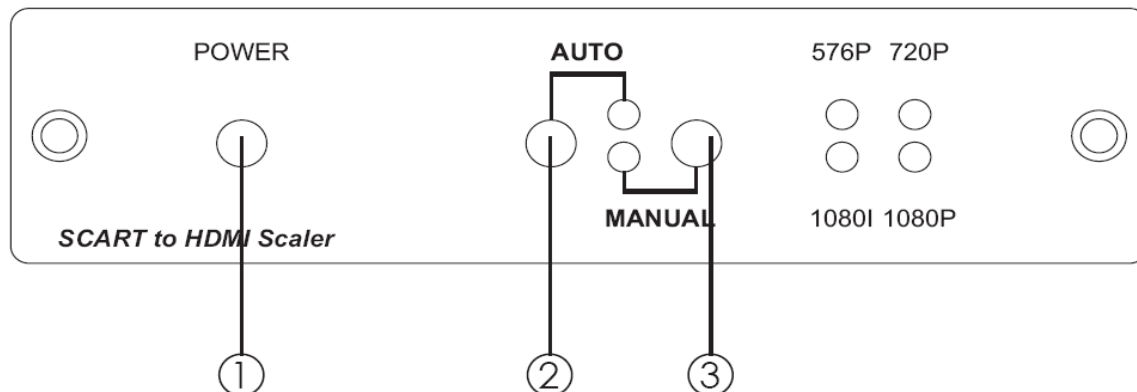
Input source device, SCART cable HDMI cable and output displayer.

Features

- HDMI 1.3 support deep color 12 bit, HDCP 1.1, DVI 1.0 compliance
- Scales up SCART to HDTV 1080p format
- Automatic lipsync (audio delay) ensures audio video synchronization
- Input video systems NTSC/PAL
- Support 8/10/12 bit deep color on HDMI output up to 6M long
- DVI compatible by using HDMI to DVI adaptor
- HQE (High Quality Image enhancer) function
- Digital Noise Reduction – Minimises picture noise, reproducing images true to the original
- Block Noise Reduction – Effectively minimizes all MPEG noise, Improving the digital quality of HDTV broadcasts in particular, where block noise happens most
- MPEG Noise Reduction – Reduce mosquito noise for MPEG video images without losing detail
- 3D (frame based) motion adaptive noise reduction
- Advanced 3D motion adaptive de-interlace
- Automatic 2:2/3:2 film mode detection
- Automatic resolution selection and individual resolution selection button
- HDMI output with RGB color space design

Operating Functions and Controls

Front Panel

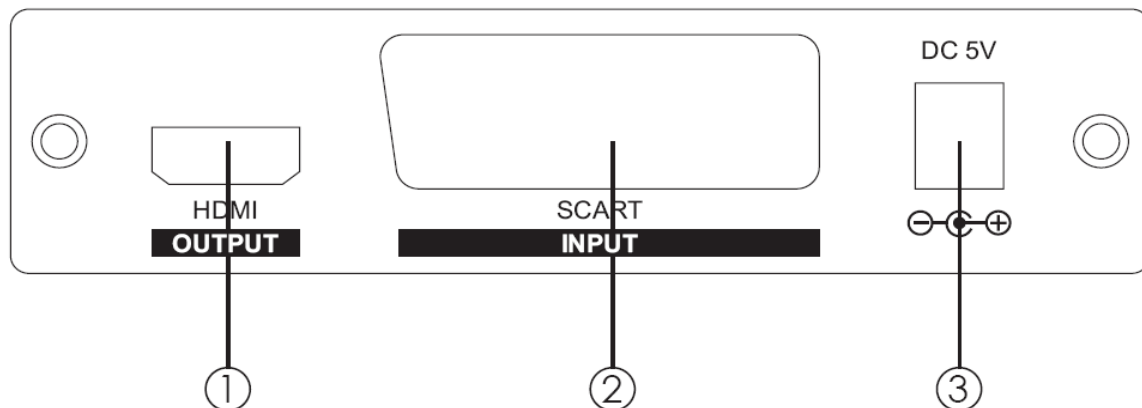


① **POWER selection button** - Press the button once to power on the unit, press again to power off. This device has last memory's function and will record your last input selection.

② **AUTO selection button** - Press the button to set the device in Auto mode and the device will auto detected HDMI display's EDID resolution native then the resolution indicator LED will illuminate.

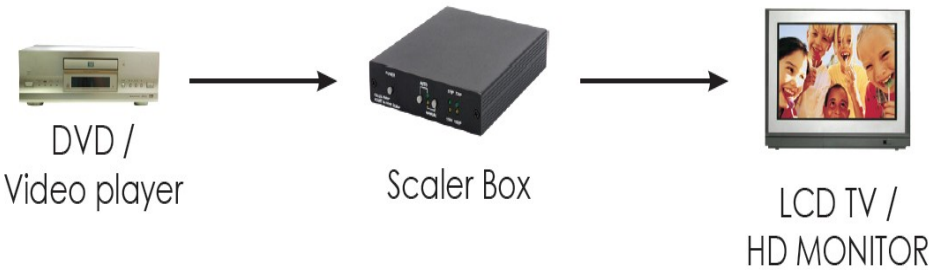
③ **MANUAL selection button** - Press "MANUAL" button to select resolution of the HDMI output from 576P to 1080P.

Rear Panel



1. HDMI OUTPUT – Connect to LCD TV/monitor with HDMI cable.
Note: This scaler does not have overscan function however, it may be adjusted by TV.
2. SCART INPUT – Connect from source with SCART cable.
3. DC 5V – Plug the 5V DC power adaptor into the unit and connect the adaptor to AC wall outlet.

Connection and Installation



Output Resolution Chart

RESOLUTION				
576P	720 X 576	50HZ		
720P	1280 X 720	60HZ / 50Hz		
1080I	1920 X 1080	60HZ / 50Hz		
1080P	1920 X 1080	60HZ / 50Hz		

OUTPUT INPUT	576P	720P	1080I	1080P
NTSC	X	○ (60Hz)	○ (60Hz)	○ (60Hz)
PAL	○	○ (50Hz)	○ (50Hz)	○ (50Hz)

Specifications

Input port	SCART
Output port	HDMI
Output resolution	576p, 720p, 1080i, 1080p@ 50/60
Input signal levels	Video:1Vp-p, (75Ω) RGB: 0.7 Vp-p(75Ω) Audio L/R: 0.5Vrms
Video System	NTSC, PAL
Audio Sampling Rate	48KHz
Power Supply	5V/2.6A DC (US/EU standards, CE/FCC/UL certified)
Dimensions (mm)	151 x 125 x 30
Weight (g)	340g
Chassis Material	Aluminum
Silk Skin Color	Black
Operating Temperature	From 0°C~ 40C°
Power Consumption	6W(max)