

# *SCART to HDMI scaler box*

## Operation Manual



CS-720PHD1

## Introduction

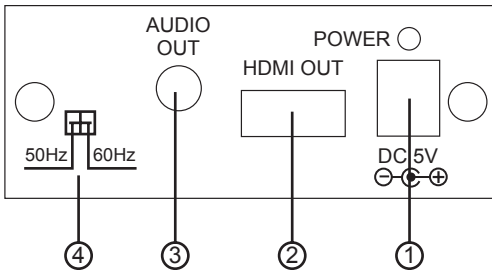
A simple plug & play Scart to HDMI 720p scaler.

## Features

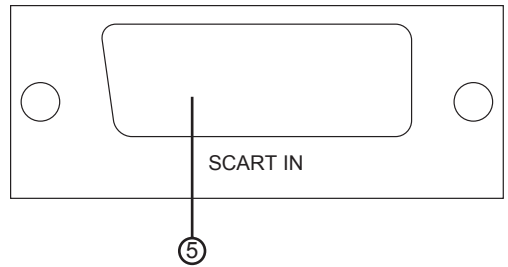
1. Scales up SCART RGB video to HDTV 720p format.
2. Automatic lipsync(audio delay) ensures audio video synchronization.
3. 720p HDMI output at 50Hz or 60Hz vertical rate, selectable using switch on the front panel.
4. SCART audio is incorporated into HDMI out as well as passthrough to phone-jack output.
5. Input video systems - NTSC3.58 / PAL / RGB 50Hz / RGB 60Hz auto-detection.
6. DVI compatible by using HDMI to DVI adaptor.

## Operation Controls and Functions

### Front Panel



### Rear Panel



1. POWER INPUT: Plug the supplied 5V DC power supply into the unit.  
The LED will illuminate when connected.
2. HDMI OUT: Connect HDMI output port to the HDMI input of a HDMI display.
3. AUDIO OUT: Stereo L/R out.(Phone-Jack)
4. Output vertical rate switch: Use the switch to select 50Hz or 60Hz vertical rate output.
5. SCART IN: Use a SCART cable to connect the SCART output of your source equipment to this SCART input.

# Specifications

## 1. INPUT SYSTEMS:

Video System: NTSC3.58 video/PAL video/RGB50Hz/RGB60Hz auto-detection.  
SCART RGB-Control pin(pin16) auto-detection for RGB/CVBS switching.  
Audio System: Analog (L/R) Audio  
Analog audio lipsync(audio delay) to video.  
Audio delay time is 112ms for 48kHz sampling rate

## 2. INPUT CONNECTOR:

RGB SCART: RGB 0.7vpp 75 ohm, composite video 1vpp 75ohm.

## 3. OUTPUT SYSTEMS:

720p @50Hz or 720p @60Hz  
SCART audio input passthrough phone-jack output

## 4. OUTPUT CONNECTORS:

HDMI TYPE-A x1  
Audio phone jack x1

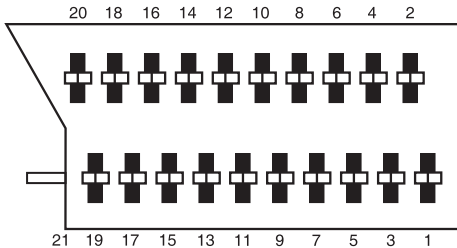
## 5. POWER:

DC 5V/2.6A, center positive

## 6. DIMENSION: 76.7(W)x151 (D)x30(H)mm

## 7. WEIGHT: 0.6kgs

# Scart input pin configuration



- 1. Audio output 1, Right channel.
- 2. Audio input 1, Right channel.
- 3. Audio output 2, Left channel.
- 4. GND.
- 5. GND.
- 6. Audio input 2, Left channel.
- 7. RGB Blue input.

- 8. Bypass.
- 9. GND.
- 10. Bypass.
- 11. RGB Green input.
- 12. Bypass.
- 13. GND.
- 14. GND.
- 15. Chroma or RGB Red input.
- 16. Bypass (fast blanking).
- 17. GND.
- 18. GND.
- 19. Video output.
- 20. Video Input.
- 21. GND/Shield.

# Connection and Installation

SKY  
STB



DVD

Scart Cable



CS-720PHD1

HDMI Cable



HDMI TV