

4 Port HDMI Switcher
With Digital and Analogue Audio Extractor
AC-1707



User manual

I. Introduction

This is a high performance 4x1 HDMI switcher with digital/analog audio outputs. It supports HDCP repeater functions and fast switching between any of the four of HDMI input ports. The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K. Furthermore, the remote control gives users complete control over the selection of sources and makes the device incredibly user friendly.

II. Features

Compliant with HDMI 1.4a, CTS 1.4a, DVI 1.0 & VESA DisplayPort 1.1a standards.

HDMI 1.4 support: 3D TV support, CEC1.4, HDCP repeater support.

Support 3D Video & 4Kx2K, 8, 10, 12 & 16 bits per color depth.

Audio support:

Dolby TrueHD & DTS-HD Master Audio 7.1CH

Full audio input and output support

III. Package

HDMI 4x1 Switcher

5V DC Power Supply

Remote control

Operation Manual

IV. Specifications

Frequency Bandwidth 2.97Gbps

Input Ports 4 x HDMI Female input ports.

Output port 1 x HDMI Female port, 1x Toslink, 1 x 3.5mm stereo socket

HDMI Audio Output 2, 5.1, 7.1CH, Dolby 5.1, DTS5.1, D-TrueHD, DTS-HD

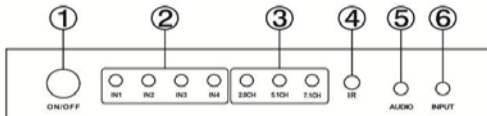
Power Supply DC 5V 1A

ESD Protection Human Body Model: $\pm 8\text{kV}$ (air-gap discharge) - $\pm 4\text{kV}$ (contact discharge)

Dimensions (mm) 164(D) x85 (W) x 25(H)

V. Operation controls and Functions

Front Panel



ON/OFF: Power on/off switch.

IN1/2/3/4 LED: One LED will illuminate when a selected input is being used.

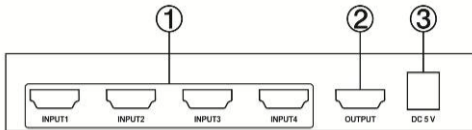
2.0/5.1/7.1 LED: One LED will illuminate when a selected audio format is being used. Or no LEDs will illuminate when “Auto” is selected.

IR: Remote control receiver.

Audio Button: Press this button to select either 2.0CH, 5.1CH, 7.1CH or Auto audio output.

Input Button: Press this button to select the input source.

Rear Panel

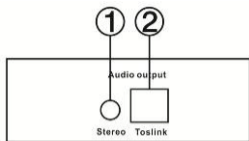


HDMI Inputs: These sockets connect to a HDMI source output i.e. from a DVD player, Game console, etc.

HDMI Output: This socket connects to a HDTV or monitor with HDMI cable.

DC IN: Plug the 5V DC power supply into the unit and connect the adaptor to an AC wall outlet.

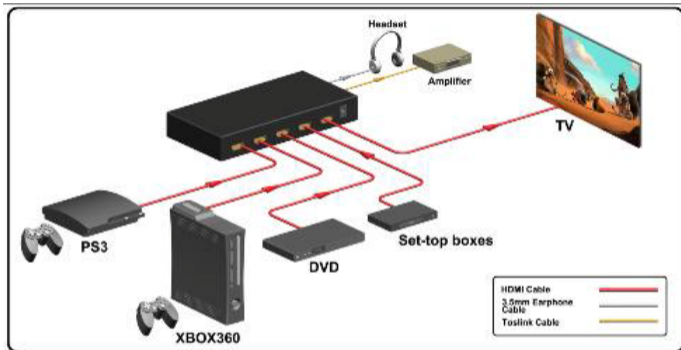
Left Panel



3.5mm Stereo (Analogue) Audio output: This socket outputs the extracted audio signal from the selected HDMI source in analogue format; connect a 3.5mm plug to audio receiver.

Toslink (Digital) output: This socket outputs the extracted audio signal in analogue format from the selected HDMI source; connect a Toslink plug to audio receiver.


IV. Application Example



VII. Remote control



IN1, IN2, IN3, IN4: Press any numbered 'IN'put button, the corresponding input will be selected.

 : Press to cycle through available inputs.

2.0CH: Press this button to select the 2 channel (stereo) audio output mode.

5.1CH: Press this button to select the 5.1 channel audio output mode.

7.1CH: Press this button to select the 7.1 channel audio output mode.

Auto: Press this button so the unit Auto configures audio output format.

IMPORTANT:

- Never attempt to open, repair or modify any part of this unit or its accessories.
- Never get any part of the device or its accessories wet.
- Failure to adhere to these points will result in a void of warranty.