

4x1 HDMI Switch

SW-H00401-H

User Manual

(Ver. 1.0)

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Package Content



4x1 HDMI Switch x1



DC9V 500mA power adaptor x1



IR remote control x1



1.8m IR receiver extension cable x1

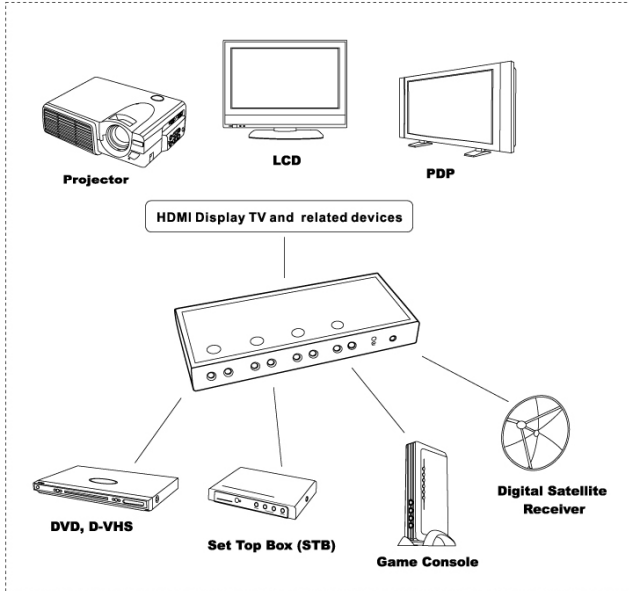


User manual x1

Product Introduction

This 4x1 HDMI Switch swaps HDMI signal between four different sources to one display TV with an ease of pressing remote control button. This device is especially designed for advanced home theatres, conference rooms and retail stores, allowing connections from DVD player, advanced game console, satellite receivers, digital boxes, PCs... and much more.



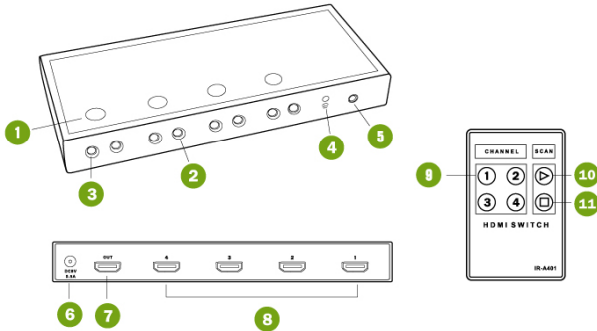


Product Feature

- Auto cycle scanning function with interval adjustment
- Three switching modes:
 - Automatic switching
 - Manual switching
 - Remote control
- HDMI 1.3 and HDCP compliant
- Supports full HD 1080p
- IR remote control
- Optional IR receiver extension can be added to the system for extended remote control
- Built-in equalizer to fine tune picture quality



Panel Description



(Fig. 1)



- 1 Manual switch button
- 2 Switching indicator- yellow LED indicates displaying channel
- 3 Input indicator- blue LED indicates active channel
- 4 IR remote control receiver
- 5 IR remote control receiver extension cable port
- 6 Power adaptor
- 7 Output to display TV
- 8 4 input ports from HDMI devices
- 9 Channel select button
- 10 Automatic scan button (scan interval setting button)
- 11 Stop scan button

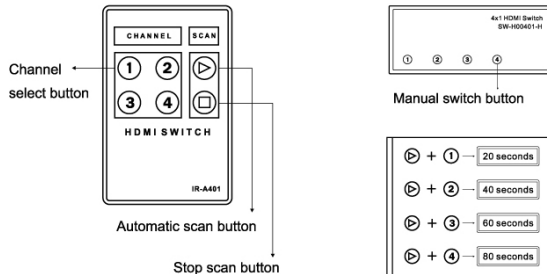
Installation

1. For first time installation, please turn off all devices.
2. Connect HDMI cable from display TV to 4x1 HDMI Switch.
3. Connect power adaptor to 4x1 HDMI Switch and plug into power socket. Power on device.
4. Connect 4x1 HDMI Switch and HDMI sources by HDMI cable.
5. Power on display TV and source devices.



Product Operation

1. **Automatic Switch:** device automatically switches to the last active source added to the *4x1 HDMI Switch*. When displaying source is unplugged from switch, device automatically switches to next available channel.
2. **Manual Switch:** simply press the manual switch button on *4x1 HDMI Switch* to choose channel.
3. **Remote Control:** press number button on remote control to select corresponding channel.
4. **Auto Scan Function:** activate via remote control  button. Can be set at 20, 40, 60, 80 seconds interval. Press  or manual switch button to stop scanning (see Fig. 2)



(Fig. 2)

Troubleshooting

Q1: The battery is full, why the remote control is not working?

A1: Please operate device without any obstruction between *4x1 HDMI Switch* and remote control. If obstruction is unavoidable, please install IR extension cable and make sure between IR receiver and remote control is cleared from obstacle.

Q2: There are some bright dots in the picture, how to make adjustments to improve picture quality?

A2: *4x1 HDMI Switch* has built-in equalizer to fine tune picture quality. This can be done by press and hold any manual switch button for 2 seconds until yellow LED blinks. Please repeat this procedure until problem solved. If problem persists please check your cable.

Q3: A 20m HDMI cable is used for connecting *4x1 HDMI Switch* and display TV, however no picture is shown. What could be the problem?

A3: For long distance connection, a higher quality cable is recommended. For optimum result, please use 24 gauge HDMI cable.

Q4: What version HDMI does *4x1 HDMI Switch* support?

A4: HDMI 1.3 chipset is implemented, this switch is downwards compatible with HDMI 1.0, 1.1 and 1.2 versions.



Specification

PRODUCT NAME	4x1 HDMI SWITCH
MODEL NUMBER	SW-H00401-H
INPUT	HDMI FEMALE x 4
OUTPUT	HDMI FEMALE x 1
RESOLUTION SUPPORTED	480i, 480p, 720p, 1080i, 1080p
CABLE EXTENSION	20m*
SWITCHING METHODS	AUTOMATIC, MANUAL BUTTON, REMOTE CONTROL
REMOTE CONTROL DISTANCE	10m
SUPPORTED SIGNAL	HDMI 1.3, HDCP, DVI
POWER SUPPLY	DC 9V, 500mA
HOUSING	METAL
SIZE (LxWxH) mm	82 x 193 x 22

NOTE: Specifications are subject to change without notice.

*For long length HDMI cable connection, please use high quality 24 gauge HDMI cable.

Glossary

HDCP- High-bandwidth Digital Content Protection	A form of management to prevent transmission of non-encrypted high definition content as it travels across DVI or HDMI connections.
HDMI- High-Definition Multimedia Interface	A first industry-supported uncompressed, all-digital audio/video interface. It transmits via a single cable with user-friendly connector which reduces cabling burdens.
HDTV- high-definition television	A digital TV broadcasting system with a significantly higher resolution than traditional formats such as NTSC, SECAM and PAL.
IR- infrared	Used for short range wireless communication between devices. It does not pass through walls and does not interfere with other devices.
LED - Light Emitting Diode	A semiconductor device that lights up when electricity is passed through it. In some instances, it is used to indicate status of devices.
Port	Serves as an interface between one device and other device. Physically, a port is a specialized outlet on a piece of equipment which a plug or cable connects.
Resolution	Display resolution refers to the sharpness and clarity of an image, that is, the number of distinct pixels in each dimension that can be displayed on digital television or computer display.
Switch	A device to change the course of an electric, or telecommunication circuit.



Notice

1. Please read user manual carefully before operating the device.
2. Please use the power adaptor accompanied with this product.
Warranty does not cover for damages caused by pairing other power adaptor.
3. Please check all connecting devices are properly grounded to avoid electric failure.
4. This product has limited warranty for one year from defects in material and workmanship. Items that are physically damaged, misused, tempered with or altered are void of warranty.
For further details please contact your distributor.

