

OREI HD-401P

User manual

4x1 HDMI SWITCHER with PIP

www.orei.com

Thank you for purchasing OREI HD-401P For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for

future reference.

Introduction

This range of high performance HDMI switch provide four HDMI in to one HDMI output and supports PIP, 4K×2K, 3D, Deep Color. With its 3Gbps bandwidth and the additional features of the latest HDMI standards you can be sure of great HDMI SWITCH.

4 HDMI input signal switch to 1 HDMI sink device.

HDCP 1.4 protocol compliant.

3D HDMI 1.4a video format support.

Support PIP (Picture in picture), contain 1 main picture and 3 sub-pictures.

3D video support including Frame packing for all 3D formats up to a 297MHz TMDS clock.

Support display resolutions up to 4K x 2K@30Hz, 1080P@120Hz, and 1080P 3D@60Hz

Support deep color 30bit, 36bit, 48bit per pixel.

Digital audio format, as DTS-HD/Dolby-true-HD/LPCM 7.1/DTS/Dolby-AC3/DSD.

HDMI Switch -----	1PCS
5V1A DC Power Supply adaptor -----	1PCS
Remote Controller -----	1PCS
Operation Manual -----	1PCS
IR cable -----	1PCS

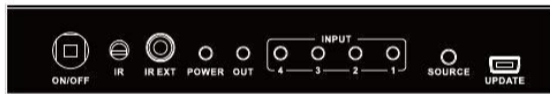
Specifications

Frequency Bandwidth	2.97Gbps
HDMI Switch Input Ports	4 x HDMI Female input port
HDMI Switch Output Ports	1 x HDMI Female output ports
Power Supply	DC 5V 1A
ESD Protection Human Body Model:	± 8kV (air-gap discharge) ± 4kV (contact discharge)

Dimensions (mm)	65(W) X 118 (D) X 25 (H)
Weight	120g
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20 ~ 90% RH (Non-condensing)
Power Consumption	1W

on controls and Functions

Front Panel



POWER: This red LED illuminates when the device is connected with power supply.

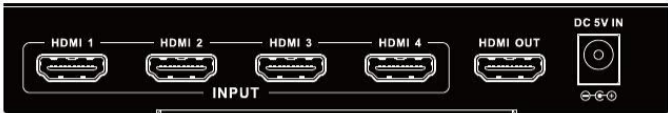
Source : Press this button to select the input source.

IR: Remote control signal receive.

OUT LED: this green LED illuminate when TV plug in over HDMI cable.

INPUT LED: These bi-color LED describe corresponding status. That green illuminate indicates that the signal has plus in and has been selected, that red illuminate indicates that the signal has plus in bus has not been selected, LED get dark indicates that the signal has not plus in.

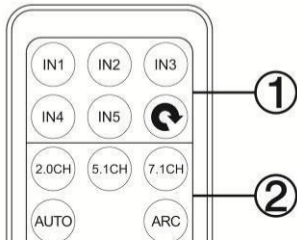
Rear Panel



INPUT: This slot is where you connect the HDMI source output from DVD, PS3.

2. **OUTPUT:** HDMI signal output, connect to TV over a HDMI cable.
3. **DC 5V:** Plug the 5V DC power supply into the unit and connect the adaptor to AC wall outlet.

Remote control



Select input signal to be showed on the TV.

No function in this HDMI 4X1 Switch.

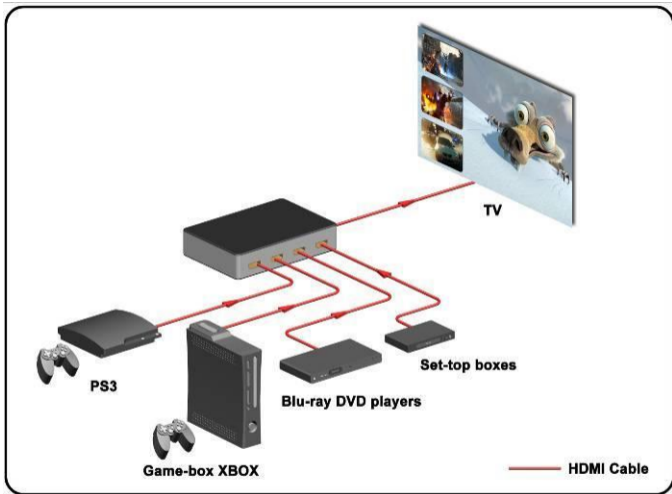
PIP operation area:

PIP: Open/close the PIP function.

SEL: Select a sub-picture to be main picture.

Enter: Enter the sub-picture which has been selected to be main picture.

No function in this HDMI 4X1 Switch.



Application Example