

PRO-SIGNAL



4x4 4Kx2K 60HZ MATRIX SWITCH PSG3450

The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

Please read these instructions carefully before use and retain for future reference.

IMPORTANT SAFETY INFORMATION

When using electrical appliances basic safety precautions should always be followed.

- To prevent fire or shock hazard, do not expose this product to rain or moisture.
- Check that the power supply matches the mains voltage.
- Only use the power supply provided or one of identical specification.
- Beware of static electricity which may damage the device. Use ESD precautions when installing.
- Do not plug or unplug cables while the devices are powered on.

WHAT'S INCLUDED

- HDMI Switch
- Power Adapter 230VAC to 5VDC 2A
- Operation Manual
- Remote Control
- Mounting brackets x 2

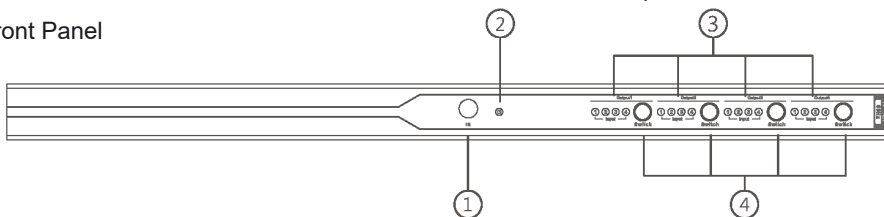
FEATURES

- Supports up to Ultra HD resolution 4Kx2K@60Hz.
- Supports 3D.
- Remote control.
- Plug and play setup.
- Convenient wall-mountable design.

OVERVIEW

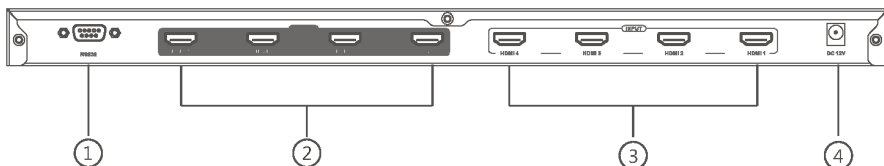
- This HDMI Switch routes up to 4 different HDMI sources such as DVD players, Set Top Boxes, PC etc to any of 4 HDTV output display or projectors.
- It can be controlled via an IR remote control or via RS232 port.

Front Panel



1. IR receiver window - Receives remote control signal.
2. Power on indicator - Indicates power is on.
3. Channel connection indicator - Displays the input selected for each output channel.
4. Manual selection button - Manual option to select input for each output channel.

Rear connections



1. RS232 connector for controlling channel selection via a PC.
2. HDMI output - Connect to a display device (monitor/TV etc).
3. HDMI input - Connect to source devices (DVD/PC etc).
4. Power input - Connect to 5VDC output from PSU.

Remote Control

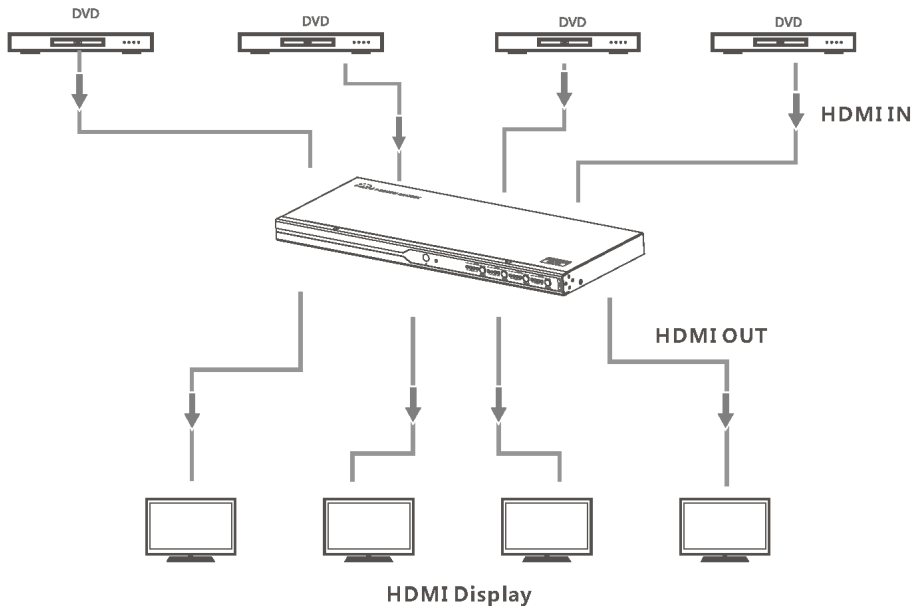


Each marked section on the remote control selects the input source for channels 1 to 4

1 - 4 buttons directly select the relevant input channel.

< or > buttons selects next or last input channel.

INSTALLATION



- Connect the HDMI inputs to up to four source devices.
- Connect the RS232 to a PC using a suitable cable if you wish to use a PC to control the switching.
- Connect HDMI outputs to the HDMI input of up to four HDTV and set the TV source input to correct HDMI input channel.
- Connect the power supply output to the switch 5V DC input and connect the PSU to the mains and turn on the power. The power LED on the front of the switch will illuminate.
- Using the remote control (or PC) select the desired input source using the 1 - 4 buttons or the < > buttons. The relevant indicator will illuminate on the front panel.

SPECIFICATIONS

Voltage/Current	DC 12V 2A
Power consumption	<20W
HDMI compliance	HDMI 2.0
HDCP compliance	HDCP 2.2
HDMI resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz 3840x2160@25/30/60Hz
Transmission rate	18Gbps
Video bandwidth	600MHz
Audio	DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby AC3/DSD
Input and output signal	0.5~1.5Vp-p (TMDS)
Input & output DDC signal	5Vp-p (TTL)
Working temperature	0~60°C
Storage temperature	-30~ 70°C
Humidity	0~90%RH (no condensation)
Dimension	429.8(L) x 170.7(W) x 28(D)mm
Material	Alloy
Weight	165g total

CLEANING & MAINTENANCE

Clean the outside casing with a soft cloth lightly moistened with mild soap and water. Never use any abrasive or solvents.

CPC Farnell declares that the radio equipment for wireless transmitter/receivers is in compliance with Radio Equipment Directive 2014/53/EU

PC RS232 CONTROL

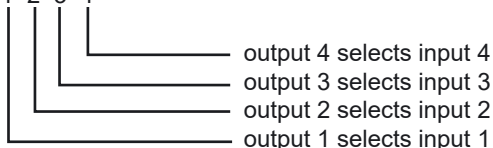
- The switch supports RS232 control using a PC to select the input and output channel, the baud rate is 9600, and the connector is a 9-pin port.
- Use the serial port software, please set COM firstly, and then correspond to the following figure in the various channel commands.

HDMI output	HDMI input 1	HDMI input 2	HDMI input 3	HDMI input 4
HDMI output 1	PS11R	PS12R	PS13R	PS14R
HDMI output 2	PS21R	PS22R	PS23R	PS24R
HDMI output 3	PS31R	PS32R	PS33R	PS34R
HDMI output 4	PS41R	PS42R	PS43R	PS44R
HDMI output 1	PA1R	PA2R	PA3R	PA4R
HDMI output 2				
HDMI output 3				
HDMI output 4				
Change all output/input states	PAP1P2P3P4R, Output 1 selects signal source P1 Output 2 selects signal source P2 Output 3 selects signal source P3 Output 4 selects signal source P4			
Gets current output/input state	PA?R			

All of the above commands, if they were sent successfully, the output status will be returned accordingly

For example, send command "PA?R "

Return OK + 1 2 3 4



If the command is wrong, returns "err"



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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