4K HDMI SWITCH 2X2 user manual

Special Notification

Before using this product,please read this manual carefully.
Please keep this manual for future reference.
The company may change the fuction of product without notice.
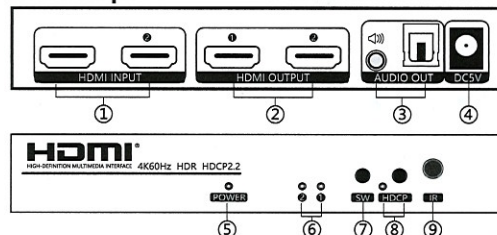
Product Introduction

4K HDMI SWITCH 2X2 can connect two hd signal sources to two hd signal terminals at the same time, supporting both fiber optic and stereo headphone output.It makes it easy to switch or allocate two channels of hd signals between two hds-compatible displays or devices, and either output port can be used for separate audio output via fiber optics or stereo headsets.

4K HDMI SWITCH 2x2 restructures and amplifies the input signal and transmits it losslessly through the HDMI cable.This HDMI matrix provides solutions for entertainment centers, retail and web sites, HDTV, set-top boxes, DVDS, projector plants, data center control, information distribution, conference rooms, school and corporate training environments for digital HDTV programs.

Product Function

- Support hdmi 2.0、HDCP2.2;
- Support 3D video format、HDR10;
- Support the highest resolution up to 4K*2K@60Hz 4:4:4/8-bit;
- Support the highest speed 18Gbps , with a frequency of 600Mhz;
- Support 8/10/12 bit color depth;
- Support 2-channel HDMI audio extraction, 3.5mm headphone jack and optical fiber interface output at the same time;
- two-way HDMI signal input switch or assignment to two HDMI displays;
- Support LPCM audio 5.1 channel extraction;

(To prevail in kind)

Interface specification

1: HDMI INPUT --- HDMI input port1-2;
2: HDMI OUTPUT --- HDMI output port1-2;
3: AUDIO OUTPUT --- Optical with R/L audio output port;
4: DC5V --- 5V Power input port;
5: POWER --- Power light;
6: HDMI IN1→2 --- HDMI signal Input LED;
7: HDMI input switch button;
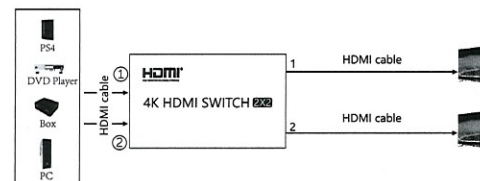8: HDCP --- HDCP2.2or1.4 switch， LED light is HDCP2.2 ;
9: IR --- infrared receiver;

Product specifications

HDMI Version.. HDMI 2.0/HDCP2.2
HDMI resolution ....Max support3840*2160/60Hz
Supports Video Formats ....8/10/12 bit deep color
Supports Audio Formats LPCM/DTS/Dolby-AC3
Max bandwidth 600MHz
Max baud rate 18Gbps
Input cable length ....≤5m HDMI2.0 standard cable
output cable length...................................≤8m HDMI2.0 standard cable

HDMI intput port 4PCS
HDMI output port 2PCS
Max working current...600mA
Power adapter format: ....Input:AC (50HZ, 60HZ) :100V-240V; Output: DC5V/1A
Operating Temperature range .... (-15 to +45℃)
Operating Humidity range ....5 to 90%RH (No Condensation)
Dimensions (L*W*H) ....135x55x22 (mm)
Item Weight..200g

Indicator light and key operation instructions

Indicator lights 1 and 2 indicate the corresponding input ports of the current input terminal (HDMI IN 1 or HDMI IN 2), respectively.
2. Key operation: SW button is used to switch the HDMI input signal source corresponding to the current input (1 or 2).

Input two HDMI signal sources and connect them to HDMI 2X2 via the HDMI cable.The HDMI 2X2 is connected to two TVS via an HDMI cable
1. Connect each HDMI signal source to the HDMI input end of the 2X2 switcher via the HDMI cable.
2. Connect the HDMI output end of the 2X2 switcher to the input interface of the HDMI display device through the HDMI cable.
3. Connect the audio outlet to the audio amplifier input port through stereo headset or optical fiber.
4. Connect the product to the 5V power adapter.
5. Switch signals freely by remote control or panel keys.

Safety instructions

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation,wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;

- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;

- The installation and wiring should be strong andreliable,contact undesirable may lead to false action;

- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;

- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;

- Please do not dismantle the equipment, avoid damaging the internal electrical component.