



HDMI Splitter

4 WAY 4k x 2k



AE0584PRO

www.sacelectronics.co.uk

This product distributes 1 way HDMI signal from STB, DVD, Blu Ray players or PS3 etc. to 4 way HDMI signal to connect to projector, DLP, LCD or other HD displays simultaneously.

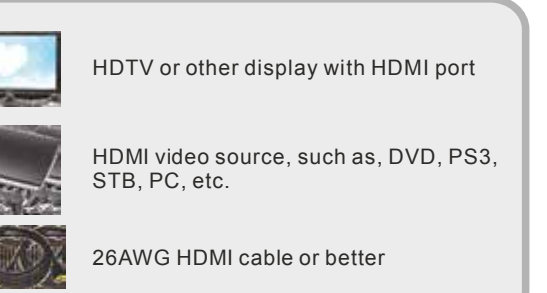
Box Content



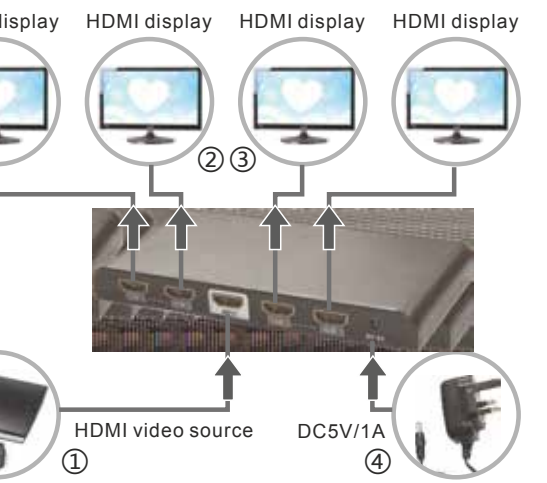
1. Safety Notes:

- 1). In order to avoid fire, electricity shock or product damage, please keep the product away from rain, damp, any other liquid, and pressure.
- 2). All parts should keep away from shaking sharply, no collision, knocking, or falling down to avoid damage.
- 3). When you unplug the power adapter, please hold the plug, but not the line.
- 4). Please power off when it's not in use and unplug the power adapter if does not use this splitter for long time.
- 5). Do not open the housing or modify the module.
- 6). Working power is 5V/1A. Please check the power adapter parameters before you change it.
- 7). Please keep the user manual for future reference.

2. Installation Requirement



3. Installation Steps



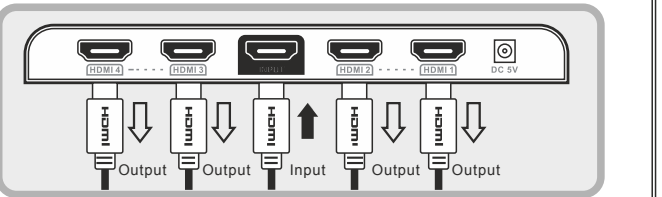
Please connect the devices according to the above image, and operate as following steps:

- ①. Connect the HDMI video source output port to the splitter input port by HDMI cable.
- ②. Connect the splitter output port to HDMI display by HDMI cable,
- ③. Adjust the HDMI display input signal channel as HDMI
- ④. Power on the converter.

4. Features

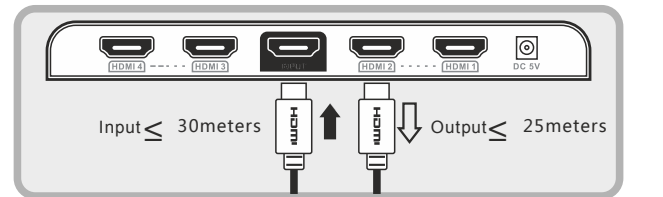
1) HDMI splitter function

Connect all the devices according to Installation steps, this device works as HDMI splitter, it can distribute 1 HDMI source to 4 HDMI displays simultaneously.



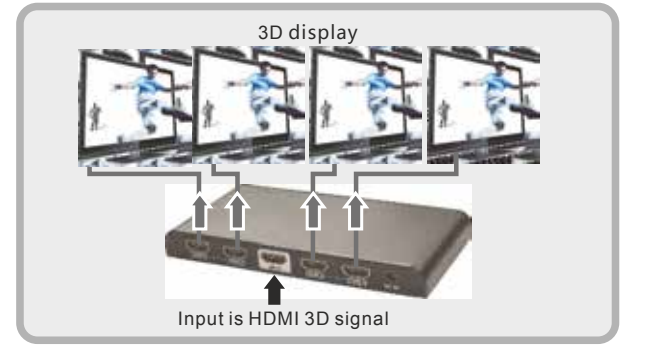
2) HDMI splitter + extender

If you want to extend the signal longer, please make sure to use longer standard HDMI cable (refer to HDMI cable's specification, 26AWG can extend 30M), the Max distance this device supported is 30meters for input and 25meters for output. If there's no image shown when HDMI cable is 15meters or longer, please adjust the switch on the splitter.



3) 3D support

If HDMI video source and all the HDMI displays support 3D signal, this splitter can detect the EDID automatically and support 3D output.



4) CEC support

To realize this function, both the input and output device must support CEC (refer to the device manufacturer's specification) After connection, every remote control of the connected devices can control all of the connected devices.

5) 4K*2K support

This splitter can support the resolution up to 4K*2K., when both the input and output devices support 4K*2K, the output resolution can reach 4K*2K.

Note: To reach 4K*2K, all connected HDMI cables must be shorter than 5 meters.

5. Trouble shooting

Q: No image output

- A:**
- 1) Please check and make sure all the connection is correct and working status LED is blue.
 - 2) Please check the input and output HDMI cable and make sure they are well connected.
 - 3) Please make sure the HDMI video source device output channel is HDMI.
 - 4) Please make sure the HDMI display input channel is HDMI.
 - 5) Please adjust the EXTENDER switch according to the length of HDMI cables.
 - 6) Please change the input or output HDMI cable.
 - 7) Please unplug and plug the power adapter and re-power the splitter.

6. Specifications

Item	Description
HDMI Splitter	Distribute 1 HDMI source to 4 HDMI displays simultaneously
HDMI Extender	Extend HDMI signal up to 30 meters for input and 25 meters for output
HDMI Resolution	Up to 4K X 2K and support full 3D format
Energy-Saving	With energy-saving technology, power consumption is as low as 1W
Power supply mode	Power adaptor 5V/1A
Voltage	DC 5V
Consumption	<5W

HDMI Input	HDCP Compliance	Yes
	HDMI Resolution support	480i@60Hz、480p@60Hz、576i@50Hz、576p@50Hz、720p@50/60Hz、1080i@50/60Hz、1080p@50/60Hz、1080p@24Hz 3D、720p@50/60Hz 3D, 4K X 2K
	HDMI graphic resolution support	640x480@60Hz、800x600@60Hz、1024x768@60Hz、1280x720@60Hz、1280x768@60Hz、1280x960@60Hz、1280x1024@60Hz、1360x768@60Hz、1366x768@60Hz、1400x1050@60Hz、1440x900@60Hz、1600x900@60Hz、1680x1050@60Hz、1920x1080@60Hz
	Color format support	24-bits /Deep color 30 bits/ Deep color 36-bits
HDMI Output	Max. Data rate	10.2Gbps
	TMDS signal	0.5 ~1.5Vp-p(TMS) DDC signal 5Vp-p(TTL)
	The length for HDMI cable	<=30m(AWG26 standard HDMI cable)
	HDCP Compliance	Yes
HDMI Output	HDMI graphic resolution support	640x480@60Hz、800x600@60Hz、1024x768@60Hz、1280x720@60Hz、1280x768@60Hz、1280x960@60Hz、1280x1024@60Hz、1360x768@60Hz、1366x768@60Hz、1400x1050@60Hz、1440x900@60Hz、1600x900@60Hz、1680x1050@60Hz、1920x1080@60Hz
	HDMI Resolution support	480i@60Hz、480p@60Hz、576i@50Hz、576p@50Hz、720p@50/60Hz、1080i@50/60Hz、1080p@50/60Hz、1080p@24Hz 3D、720p@50/60Hz 3D, 4K X 2K
	Color format support	24-bits /Deep color 30 bits/ Deep color 36-bits
	HDCP Compliance	Yes

HDMI Output	Max. Data rate	10.2Gbps
	TMDS signal	0.5~1.5Vp-p(TMS)
	DDC signal	5Vp-p(TTL)
Protection Type	The length for HDMI cable	<=25m(AWG26 standard HDMI cable)
	ESD protection	1a Socketed discharge Level 3 1b Air discharge Level 3 Executive standard : IEC61000-4-2
	Operation Temperature	-10~55°C
Operating Environment	Storage Temperature	-20~70°C
	Relative Humidity (non-condensing)	0~95%
Product	Dimension (L×W×H)	156mm×79mm×17mm
	Material	Aluminum alloy
	Color	Black
Reliability (MTBF)	Weight	205g
		>30000 hours

Disclaimer

The product name and brand name may be registered trademark of related manufacturers. TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference, and there may be some slight difference with the real products.

We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.