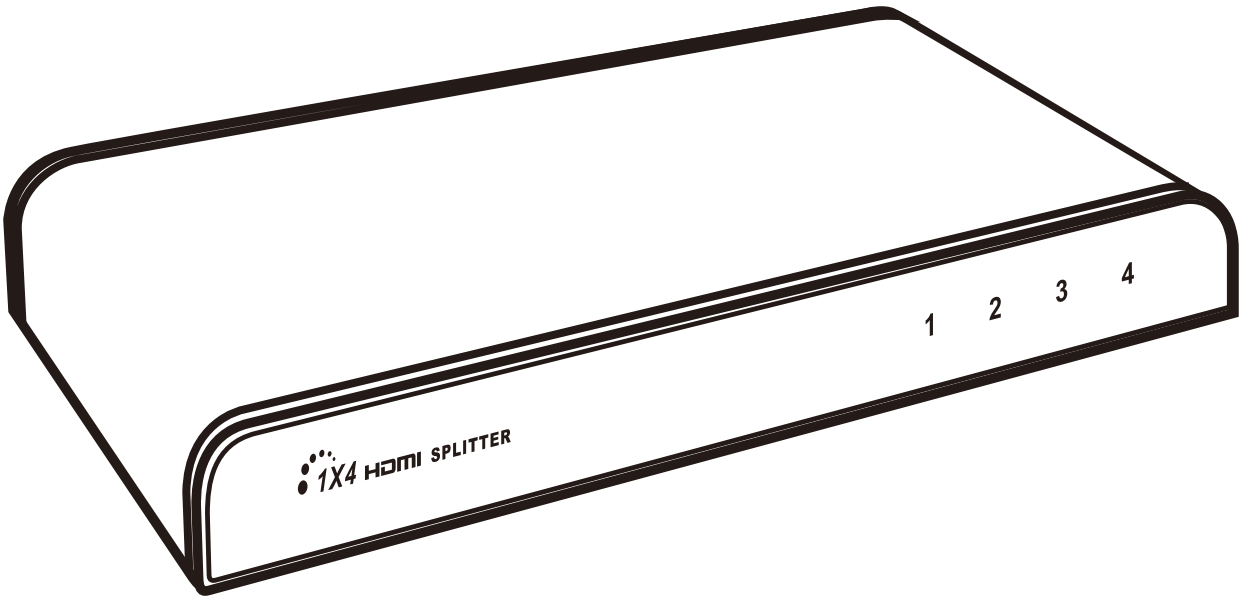
COMPANICS
Communication & Electronics LTD

כומפניקס תקשורת ואלקטרוניקה בע"מ
הבורסקאי 1 א.ת. סגולה, פ"ת | ספק מ. הביטחון: 83524121 | ח.פ: 512109968
03-9049004 טל' / | www.companics.co.il | sales@companics.co.il

Model Number 18116
4Kx2K 1x4 HDMI Splitter

User Manual

4Kx2K 1x4 HDMI Splitter



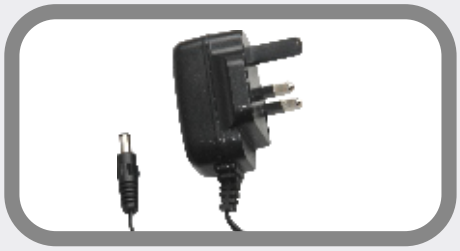
HIGH-DEFINITION MULTIMEDIA INTERFACE

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.

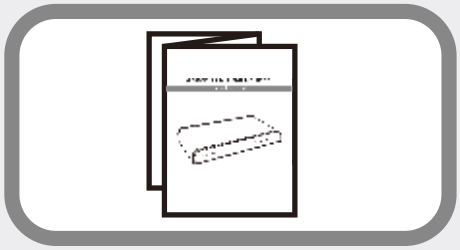
Box Content



4Kx2K 1x4 HDMI Splitter



DC 5V/1A power adapter



User Manual

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



HDTV or other display with HDMI port

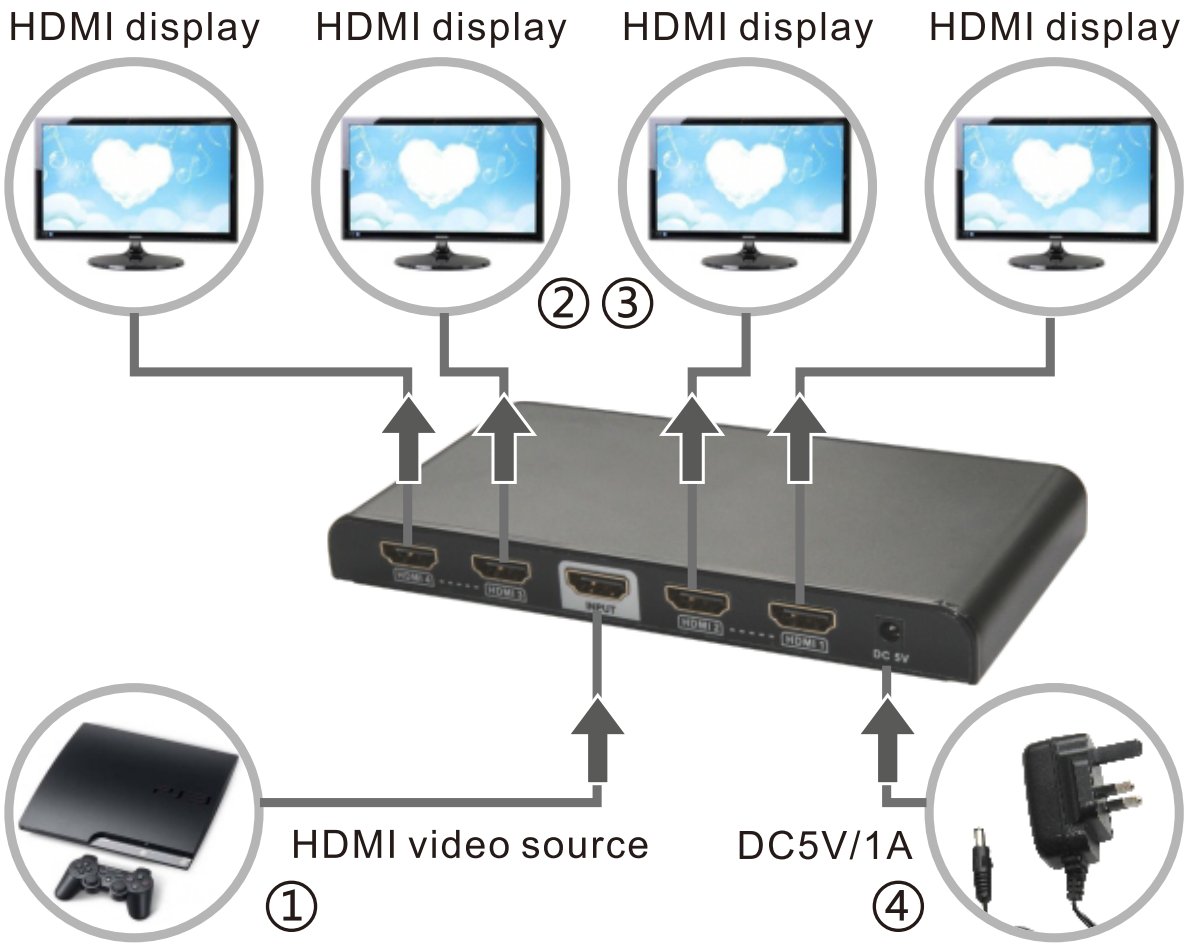


HDMI video source, such as, DVD, PS3, STB, PC, etc.



26AWG HDMI cable or better

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,

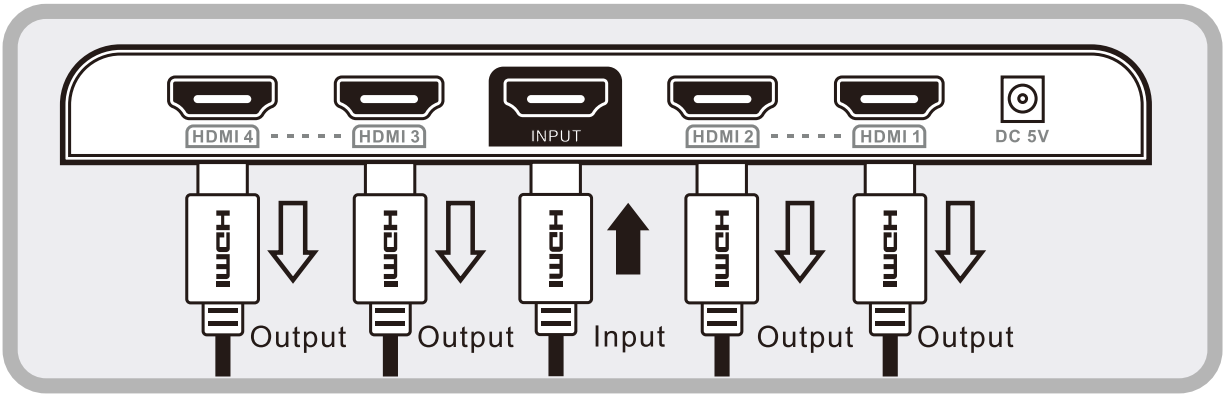
③. Adjust the HDMI display input signal channel as HDMI

④. Power on the converter.

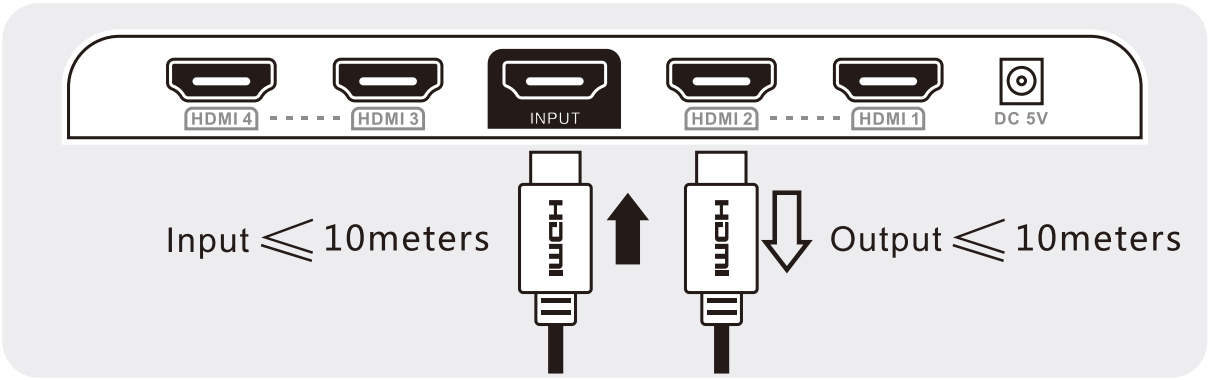
4. Features

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.

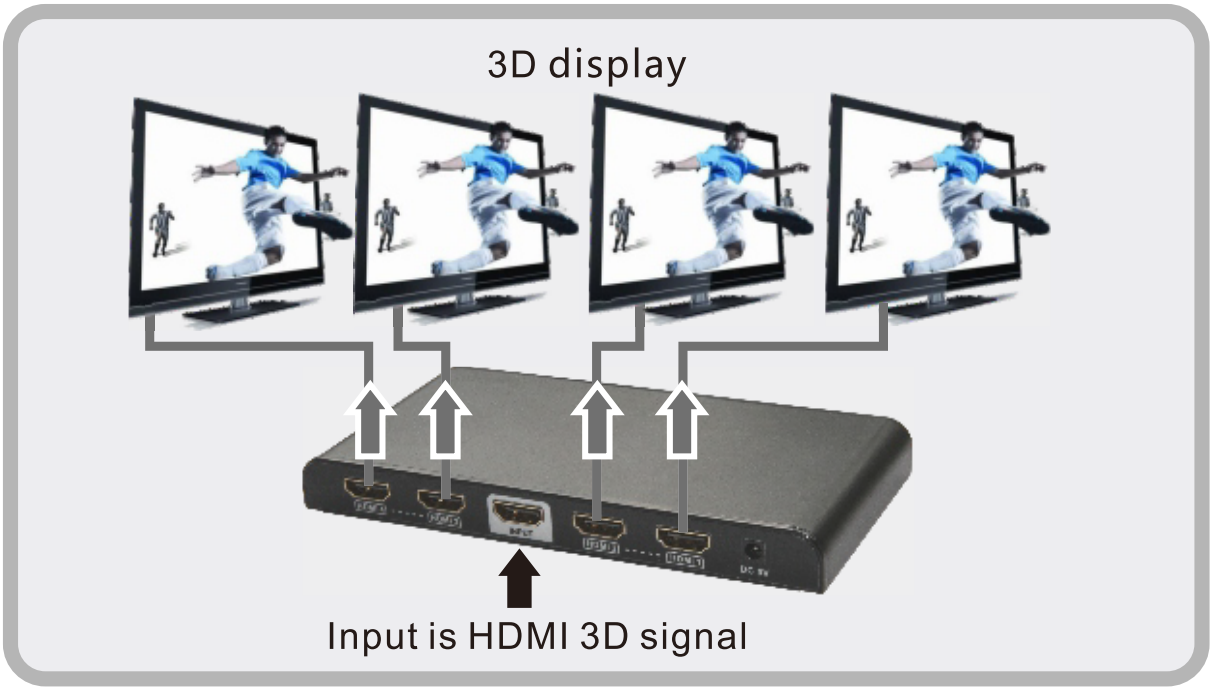


If you want to extend the signal longer, please make sure to use higher standard HDMI cable (refer to HDMI cable's specification, 24AWG can extend 10M), the Max distance this device supported is 10meters for input and 10meters for output.



2) 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.



3) 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.

4) 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
Features	HDMI Splitter	Distribute 1 HDMI source to 4 HDMI displays simultaneously
	HDMI Resolution	Up to 4K X 2K @30HZ and support full 3D fomat
	Energy-Saving	With energy-saving technology, power consumption is as low as 1.5W
Power	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 @30HZ
	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
	Max. Data rate	10.2Gbps
	TMDS signal	0.5~1.5Vp-p(TMDS)
	DDC signal	5Vp-p(TTL)
	The length for HDMI cable	≤10m(AWG24 standard HDMI cable)
HDMI Output	HDCP Compliance	Yes
	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@30HZ
	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(TMDS)
	DDC signal	5Vp-p(TTL)
	The length for HDMI cable	≤10m(AWG24 standard HDMI cable)
Protection Type	ESD protection	1a Socketed discharge Level 3 1b Air discharge Level 3 Executive standard: IEC61000-4-2
Operating Environment	Operation Temperature	-10~55℃
	Storage Temperature	-20~70℃
	Relative Humidity (non-condensing)	0~95%
Product	Dimension (L×W×H)	156mm×79mm×17mm
	Material	Aluminum alloy
	Color	Black
	Weight	205g
Reliability	(MTBF)	>30000 hours