User Manual

WOXCON

SUH2-DP

4K 1x2 DisplayPort Splitter

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Version: SUH2-DP_2019V1.1

Statement

Thanks for purchasing this product, please read this user manual carefully before using this product. The functions described in this version are updated till September, 2019. In the constant effort to improve our product, we reserve the right to make functions or parameters changes without notice or obligation.

Safety Precaution

● Do not dismantle the housing or modify the module to avoid electrical shock or burn.

● Using supplies not meeting the products' specifications may cause damage, deterioration or malfunction.

● Do not expose the unit to rain, moisture or install this product near water.

● Install the device in a place with fine ventilation.

● Do not twist or pull by force ends of the optical cable. It can cause malfunction.

● Do not use liquid or aerosol cleaners to clean this unit.

● Always unplug the power to the device before cleaning.

● Unplug the power when not used for a long period of time.

● Refer all servicing to qualified service personnel.

After-sales Service

We provide limited warranty for the product within three years.

Packing List

● 1x 4K 1x2 DisplayPort Splitter

● 1x Power Adapter (5V DC 1A)

● 1x User Manual

Note: Please contact your distributor immediately if any damage or defect in the components is found.

Product Introduction

Thanks for choosing the 4K 1x2 DisplayPort Splitter, which can distribute one DP input to two outputs. The splitter supports DP video resolution up to 4K@60Hz 4:4:4 and multi-stream transport (MST) feature. Besides, SST mode is used for both connected displays show the same contents. It is ideal for PC/notebooks, docking stations, hub, 4K2K TVs, daisy chain monitors, digital signage.

Features

- Simultaneously displays one DisplayPort source to two displays.
- DisplayPort 1.2a, 21.6Gbps.
- HDCP 1.3 compliant.
- Supports resolutions up to 4K@60Hz, HBR2 link rate.
- Supports the multi-stream transport (MST) feature.
- SST mode is used for both connected displays show the same contents.
- Ideal for PC/notebooks, docking stations, hub, 4K2K TVs, daisy chain monitors, digital signage.

Panel Description

① **POWER LED:** The LED illuminates red when power is applied.

    DC 5V: DC barrel port to connect an AC power adapter.

② **INPUT:** DisplayPort input port to connect DP video source device.

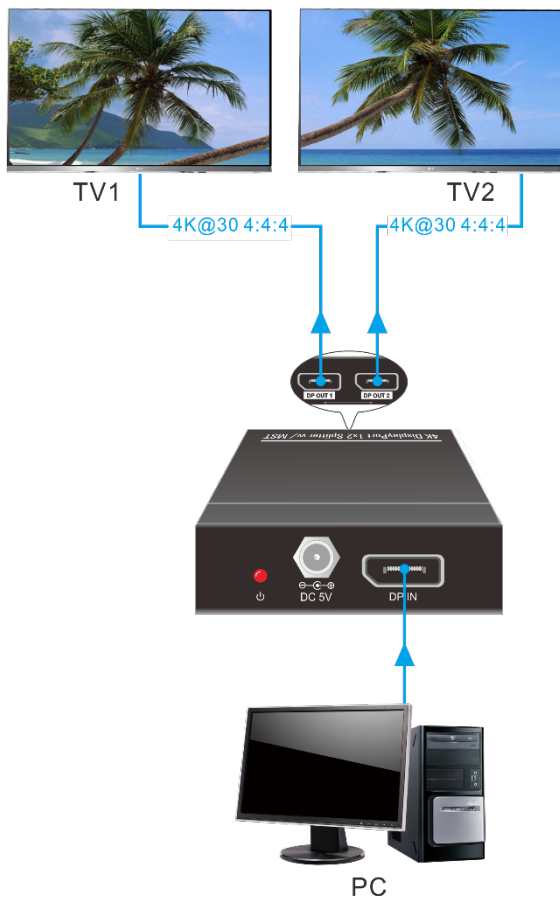③ **OUTPUTS:** Two DisplayPort output ports to connect DP video display devices.

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Technical Specification

Video Input	
Input	(1) DP IN
Input Connector	(1) DP port
DP Input Resolution	Up to 4K@60Hz 4:4:4
DP Standard	1.2a
HDCP Version	1.3
Video Output	
Output	(2) DP OUT
Output Connector	(2) DP port
DP Output Resolution	Up to 4K@60Hz 4:4:4
DP Standard	1.2a
HDCP Version	1.3
General	
MST Function	Support
SST Function	Support
Bandwidth	21.6 Gbps
Operation Temperature	-10℃ ~ +55℃
Storage Temperature	-25℃ ~ +70℃
Relative Humility	10%-90%
Power Supply	Input:100V~240V AC; Output: 5V DC 1A
Power Consumption	2W (Max)
Dimension (W*H*D)	71mm x 21mm x 61mm
Net Weight	115g

System Connection

The following diagram illustrates the typical input and output connection of the splitter:
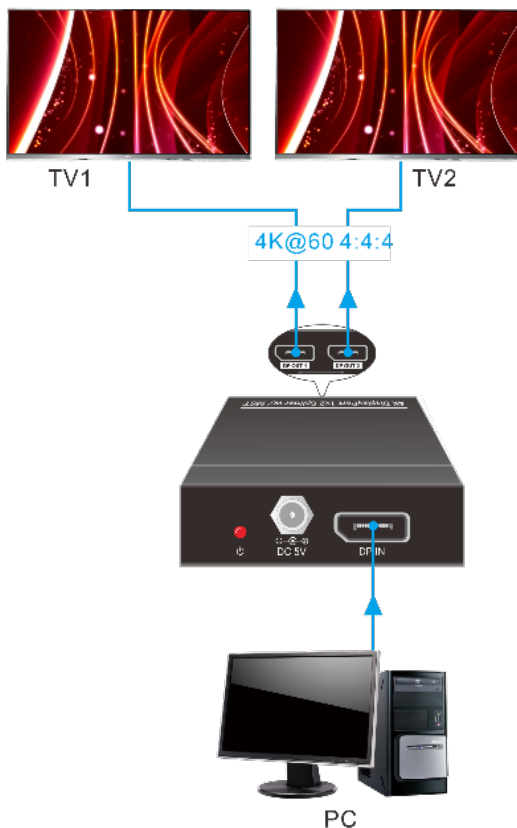
Under the MST mode

Note: Output resolution: 1.two output ports support 4K@30Hz (Max) simultaneously; 2.one output port supports 4K@60 Hz,

another output port only supports 2K.

Under the MST mode, it does not support MAC Computer as input source device. When GPU as input source device, only one of output port supports audio.
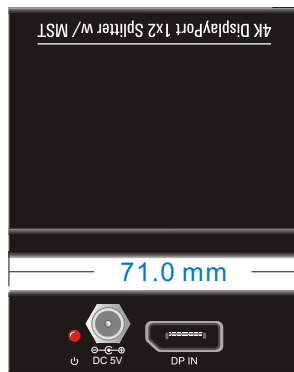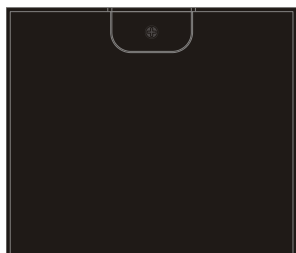
Under the SST mode

Note: Only under the SST mode, SPDIF (192K 7.1ch) audio can be used.

Under the SST mode, When GPU as input source device, only one of output port supports audio. When MAC Computer as input source device, both of output ports support audio.

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Panel Drawing

DP OUT 2   DP OUT 1

4K DisplayPort 1x2 Splitter w/ MST

61.0 mm

71.0 mm

21.0 mm

⏻ DC 5V   DP IN

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