

# **DisplayPort SWITCH CS 38 L**

User Manual



DisplayPort bidirectional Switch  
(3D Ultra HD 4K@60Hz)

**1.0 Introduction:**

CS 38 L is a product that can switch DisplayPort signals bidirectional by using manual push button. That can avoid plugging and unplugging cables frequently. It can optimize your home theatre system to the best effect.

**2.0 Features:**

- 1.Compliant with DP1.2
- 2.Support video format up to 4k2k@60Hz with 24bit RGB/YcbCR 4:4:4/YCBCR4:4:4, and up to 4k2k@60Hz with 12bit YCBCR 4:4:4.
- 3.Support 3D frame sequential video format up to 1080p@60.
- 4.Support high resolution VESA mode video format up to QSXGA@60Hz.
- 5.Support HDR and 18Gbps Signal Speed.
- 6.Supports LPCM 7.1CH, Dolby True HD, and DTS-HD Master Audio.
- 7.Extend the transmission distance and improve transmission signal.
- 8.Metal casing design and overall shielding without signal interference.

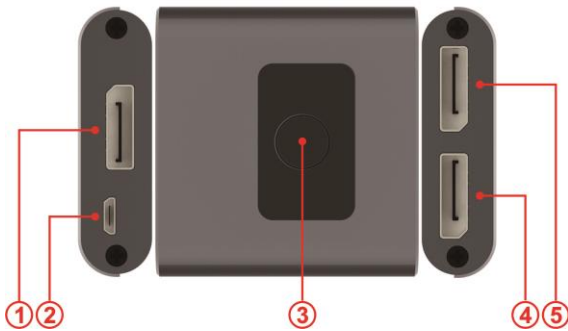
**3.0 Packaging accessories:**

1. DP Switch-----1 Pcs
2. USB Power Cable-----1 Pcs

**4.0 Technical parameters**

Single Link Range-----	4096x2160
Input Video Signal-----	0.5-1.0 Volts P-P
Input DDC Signal-----	5 Volts P-P(TTL)
Deep Color-----	48 bit
DP Version-----	DP1.2
Bandwidth-----	Up to 600MHz
Signal Speed-----	Up to 18Gbps
The length of input cable-----	≤10M
The length of output cable-----	≤10M
The cable standard-----	28AWG
Vertical Frequency Range-----	60Hz
Power Consumption(max.)-----	0.5Watts
Operation Temperature-----	0°C-70°C
Net Weight-----	0.03Kg
Dimension: L*W*H(mm)-----	53.9x52x15.4

## 5.0 Panel Introduction



When DP 1x2 splitter is using, 1 is input

When DP 2x1 switcher is using, 1 is output

2.USB Power Input

3.Switch Button

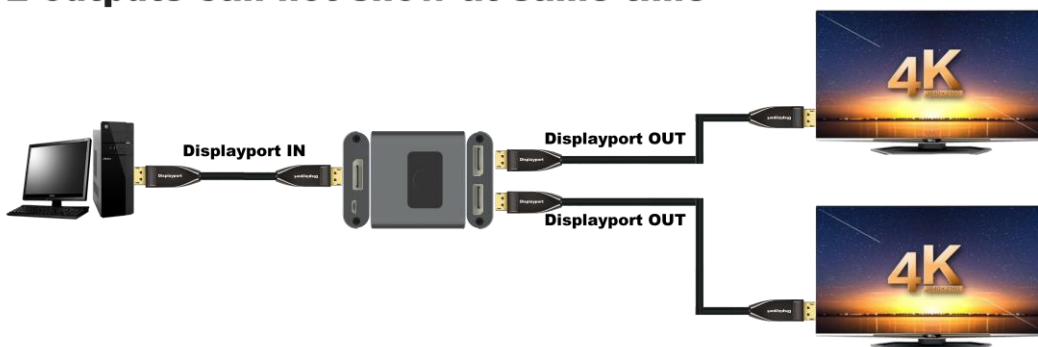
When DP 1x2 splitter is using, 4/5 is output

When DP 2x1 switcher is using, 4/5 is input

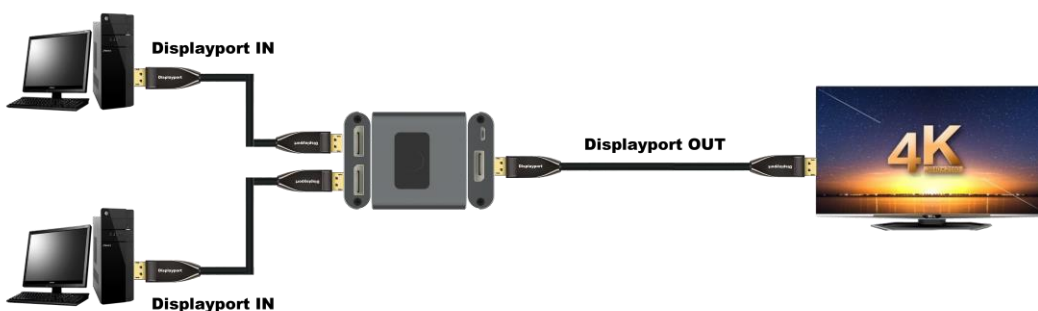
## 6.0 Connection diagram

Before installation, please make sure all devices you wish to connect have been turned off.

### Application 1: Displayport 1x2 Splitter 2 outputs can not show at same time



### Application 2: Displayport 2x1 Switcher



6.01 Connect the DP cable between signal source and input port of product.

6.02 Connect the DP cable between output port of product and HDTV.

6.04 Open the signal source and the power of HDTV, then it works.

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