

# 1x2 DisplayPort DA




DPS-2

## USER MANUAL DPS-2

V1.0

### Package Contents-

- 1x DPS-2 Unit
- 1x User manual
- 1x Power adapter DC 12V with lock
- 2x screws
- 4x foot pads

Any thing missed, please contact with your vendor.

## Features

- DP 1.2a Compliant.
- Link rate HBR2/HBR/RBR.
- Supports SST or MST.
- Supports 1, 2, or 4 lanes.
- HDCP compliant.
- IN/OUT DP++ interface featuring.
- HDMI 1.4 compliant receiver.
- AC coupled HDMI 1.4 transmitter.
- All 3D formats defined in DP 1.2a and HDMI 1.4 standards.

## Specifications

Function	DPS-2
DP Input Connector	1
DP Output Connector	2
LED indicators	POWER
Power Adapter (Min.)	DC 12V (LOCKING JACK)
DIP SW	2 PIN DIP SWITCH
DP Output Max. Resolution	4Kx2K@60
DP Cable Distance	5 meters (Max.)
Housing	Metal
Weight	255g
Dimensions (LxWxH)	120x75x25mm

### FRONT VIEW



1. DP Input Connector
2. Power jack (12V DC In)

### REAR VIEW



1. Power LED
2. System Reset
3. 2 Pin DIP Switch
4. DP Output Connector1~2

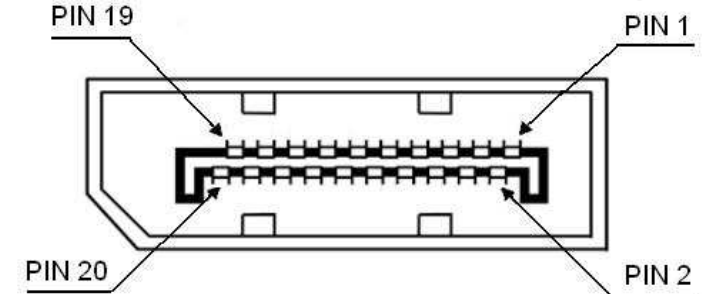
## DIP Switch Setting

Select MST or SST mode:

1	2	Mode
OFF	NC	MST
ON	NC	SST

MST : Multi-Stream Transport, extend mode.  
 SST : Mirror mode, all the output screen is the same, the EDID by DP out1 Monitor.  
 ✨As the mode select ready, please re-open the power.

## Technical Specifications Output Signal



### DP Out Connector Pin Assignment

Pin #	Signal	Pin #	Signal
1	ML_Lane 0 (p)	11	GND
2	GND	12	ML_Lane 3 (n)
3	ML_Lane 0 (n)	13	CONFIG1
4	ML_Lane 1 (p)	14	CONFIG2
5	GND	15	AUX_CH(p)
6	ML_Lane 1 (n)	16	GND
7	ML_Lane 2 (p)	17	AUX_CH(n)
8	GND	18	Hot Plug Detect
9	ML_Lane 2 (n)	19	Return
10	ML_Lane 3 (p)	20	DP_PWR

### DP In Connector Pin Assignment

Pin #	Signal	Pin #	Signal
1	ML_Lane 3 (n)	11	GND
2	GND	12	ML_Lane 0 (p)
3	ML_Lane 3 (p)	13	CONFIG1
4	ML_Lane 2 (n)	14	CONFIG2
5	GND	15	AUX_CH(p)
6	ML_Lane 2 (p)	16	GND
7	ML_Lane 1 (n)	17	AUX_CH(n)
8	GND	18	Hot Plug Detect
9	ML_Lane 1 (p)	19	Return
10	ML_Lane 0 (n)	20	DP_PWR

# Installation

1. Turn off the DP source and DP display.
2. Connect the DP cable between the DP source and the "DP IN" port of DPS-2.
3. Connect the DP cable between the DP display and the "DP OUT" port of DPS-2.
4. Connect the power cord of DPS-2.
5. Turn on the DP source and display.

© C&C TECHNIC TAIWAN CO., LTD. All rights reserved.

## **Trademarks:**

All the companies, brand names, and product names referred to this manual are the trademarks or registered trademarks belonging to their respective companies.