

## MSP 312

### 4K Mini Converter (HDMI 2.0-DP 1.2)

#### Quick Start



- HDR signal pass through
- 12 Bit processing
- HDMI 2.0 compatible
- HDCP 2.2 compliance
- Input and output resolution up to 3840x2160@60
- Color Space 24bit RGB/YCbCr 4:4:4 8bit
- Two-to-One, rack mount, wing mount in application

# CONTENTS

Product Introduction.....	2
Packing Configuration.....	3
Hardware Orientation.....	4
Use Your Product.....	5
General.....	5
Two To One Application.....	5
MSP Garage Installation.....	6
CONTACT INFORMATION.....	7



# Product Introduction

The MSP 312 is an HDMI 2.0 to DP 1.2 video signal format converter, supporting 1 HDMI signal input to 1 DP 1.2 signal output. Support for input/output resolution up to 4K2K@ 50/60hz (YUV 4:4:4). Support 10bits HDR (High Dynamic Range) channel and HD resolution pass-through digital audio format and support HDCP 2.2. Optional hanging ear or two MSP 312 in two-in-one combination can be installed on the wall or on MSP rack, simple installation, plug and play.

## System Connection Diagram



MSP 312 System Connection Diagram



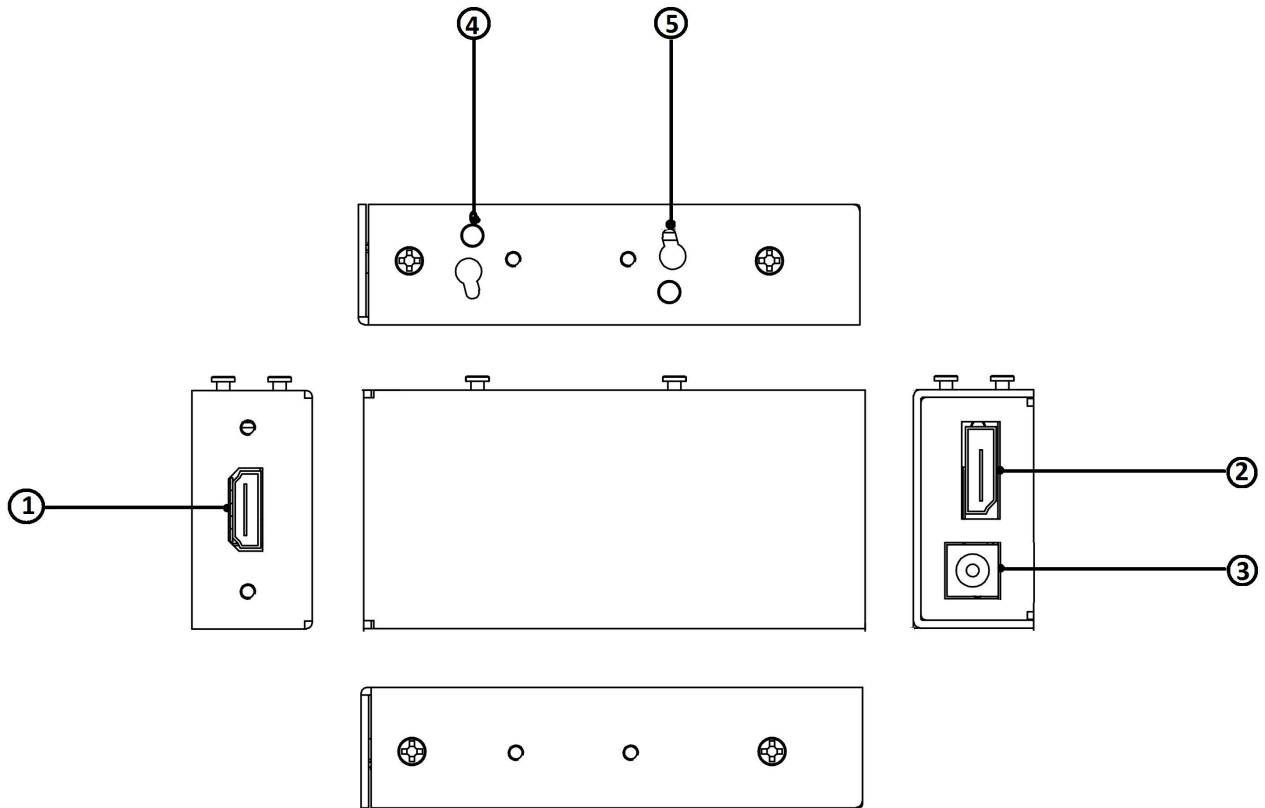
# Packing Configuration



**Note:**

Power Adapter supplied as standard according to destination market.

# Hardware Orientation



ILLUMINATION	
1	HDMI 2.0 IN, HDMI Type A connector, connect to HDMI port on PC or Blu-Ray player.
2	DP 1.2 Out, DisplayPort connector, connect to DP port on UHDTV or projector
3	DC power interface, power the device via DC 5V adapter
4	2 nails, used to attach to holes on other MSP converters
5	2 holes, used to attach to nails on other MSP converters

# Use Your Product

## General

1. Use HDMI 2.0 compliant cable to connect HMDI IN on MSP 312 to HDMI port on PC or Blu-Ray player or other video processor that support for HDMI 2.0 output.
2. Use DP 1.2 compliant cable to connect DP OUT on MSP 312 to DisplayPort on UHDTV or other HD display or other video processort that support for 4K input.
3. Use DC 5V adapter to connect to AC wall outlet to supply power for MSP 312

## Two To One Application

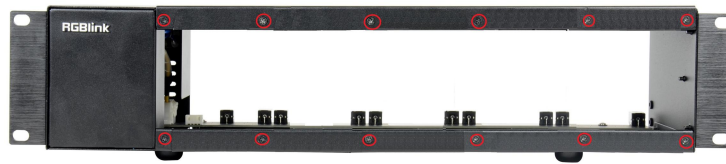
Flip a MSP 312 upside down and attach to nails on the top of the other MSP 312 as the picture below:



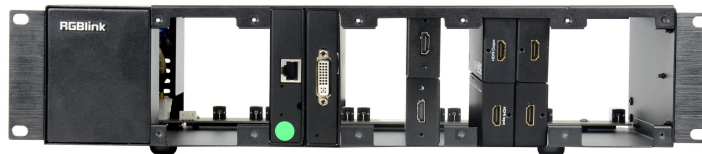
**RGBlink**<sup>®</sup>

# MSP Garage Installation

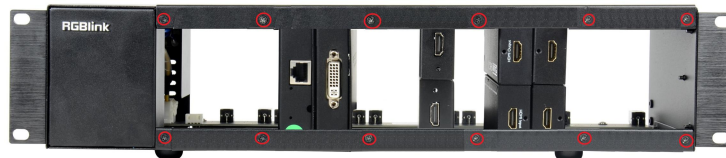
1. Unscrew the fixed screws with a screwdriver, and remove the block, as shown in figure:



2. Install the small converters to the slots, as shown in figure:



3. Fix the block to the MSP rack with fixed screws, as shown in figure:



4. Connect one end of the DC power cord to the DC power interface of the MSP rack and the other end to the power interface of the small converter, as shown in figure:



According to above method, connect the small converters one by one with the DC power cords, user can install up to 10 different types of small converters in one frame.

5. Connect the small converters to the devices with the specific cables.

6. Plug in the power cord (AC 85~264V IEC-3 port), and push the power switch to the ON position, the device will enter normal working.

# CONTACT INFORMATION

## Warranty:

All video products are designed and tested to the highest quality standard and backed by full 3 years parts and labor warranty. Warranties are effective upon delivery date to customer and are non-transferable. RGBlink warranties are only valid to the original purchase/owner. Warranty related repairs include parts and labor, but do not include faults resulting from user negligence, special modification, lighting strikes, abuse(drop/crush), and/or other unusual damages.

The customer shall pay shipping charges when unit is returned for repair.

**Headquarter:** S601~609 Weiye Building Torch Hi-Tech Industrial Development Zone Xiamen, Fujian Province,  
P.R.C

- **Tel:** +86-592-5771197
- **Fax:** +86-592-5788216
- **Customer Hotline:** 4008-592-315
- **Web:**
  - ~ <http://www.rgblink.com>
  - ~ <http://www.rgblink.cn>
- **E-mail:** [support@rgblink.com](mailto:support@rgblink.com)

