

# HDMI 4K2K Video Distribution Amplifier

ITEM NO.: HD02-4K, HD04-4K



HD02-4K, HD04-4K is a distribution amplifier for HDMI signals. Both of them support 3D and resolution up to UHD 4K2K resolution. It reclocks and equalizes the signal and distributes it to two, four identical outputs.

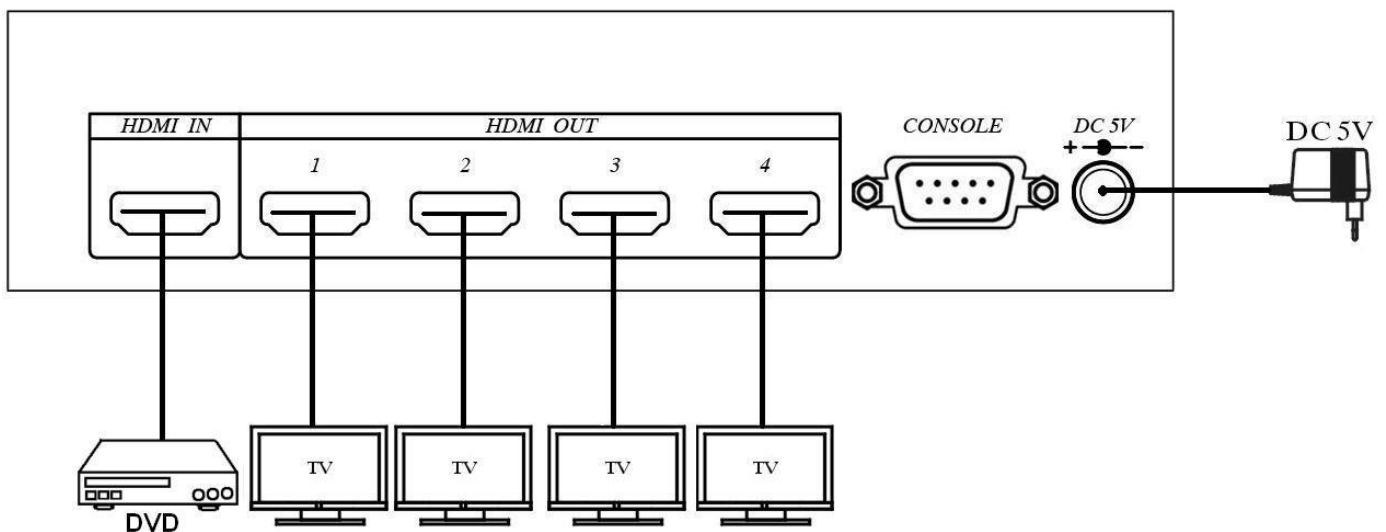
## HD02 1 Input 2 4K2K Output HDMI Distribution Amplifier

- Connects up to 2 HDMI displays at the same time from a digital video source.
- Support up to 3D, 4Kx2K UHD, 12-Bit deep color.
- Built in EDID learning/integration function.
- Support LPCM 7.1, Dolby TrueHD, DTS-HD Master Audio.
- Bandwidth: 25~340 Mhz.
- HDMI 1.4a compliance, HDCP complaint.
- DVI 1.0 compliance.

## HD04 1 Input 4 Output 4K2K HDMI Distribution Amplifier

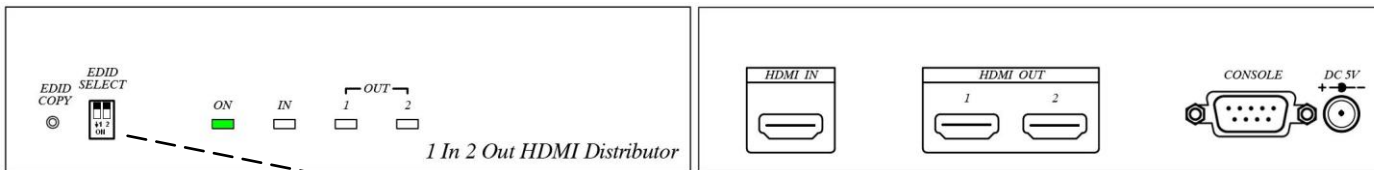
- Identical to HD02-4K2K, but 4 HDMI displays at the same time from a digital video source.

## Installation View:



**PANEL VIEW:**

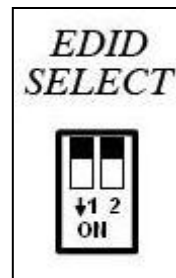
**HD02-4K**



**HD02-4KLED Indication :**

- POWER Green on: Power on
- INPUT Blue on: HDMI Input
- OUTPUT1 Blue on HDMI output 1
- OUTPUT2 Blue on HDMI output 2

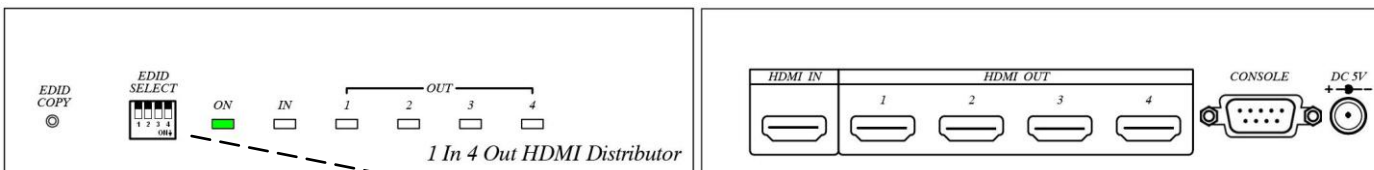
DIP Switch for EDID



**HD02-4K DIP Switch instruction:**

- Switch 1, 2 OFF: Default as EDID 1080P.
- Switch ON: Output 1 as EDID source.
- Switch ON: Output 2 as EDID source.
- Switch 1 2 ON: EDID Analysis and re-generate a set of EDID for all screen resolution.

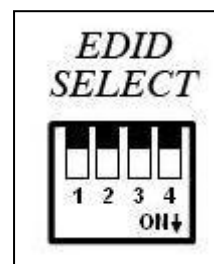
**HD04-4K**



**HD02-4K LED Indication :**

- POWER Green on: Power on
- INPUT Blue on: HDMI Input
- OUTPUT1 Blue on HDMI output 1
- OUTPUT2 Blue on HDMI output 2
- OUTPUT3 Blue on HDMI output 3
- OUTPUT4 Blue on HDMI output 4

DIP Switch for EDID



**HD04-4K DIP Switch instruction:**

- DIP Switch 1~4 OFF: Default as EDID 1080P
- Switch ON 1: Output 1 as EDID source.
- Switch ON 2: Output 2 as EDID source.
- Switch ON 3: Output 1 as EDID source.
- Switch ON 4: Output 2 as EDID source.
- Over 1 DIP switch ON: EDID analysis and re-generate a set of EDID for all screen resolution.
- ※ Examples: Output 1,2 are different resolution screen, move the DIP switch 1, 2 at ON position, press " EDID COPY" button, then re-generate a new a set of EDID to support both two monitors screen resolution.

### EDID COPY Button Instruction :

Press "EDID COPY" button, start to learning and writing EDID.

Remark : Over 2 port EDID learning, audio will only support two channel audio.

### Console Port:

R232 interface connect to PC for firmware updated

### Specification:

ITEM NO.	HD02-4K	HD04-4K
Resolution	480p , 576i , 720p , 1080i , 1080p@60Hz , 4K x 2K@30Hz	
HDMI Connector	Input: 1 port (HDMI Type A), Output: 2 port ( HDMI Type A)	Input: 2 port (HDMI Type A), Output: 4 port ( HDMI Type A)
Console	RS232 x 1 (use for firmware update)	
DIP Switch	25-225Mhz, support up to 12-Bit deep color	
Function button	Button x 1	
Power Supply	DC5V 2AMP	
Temperature	Operation: 0 to 60°C, Storage: -20 to 85°C, Humidity: up to 95%	
DIMENSIONS	mm	167 x 100.5 x 40
Weight	g	445
		455

RoHS   

Rev. A