

Magenta Ultra Slim HDMI 2.0 Series

MG-DA-61x SERIES

4K60 4:4:4 Splitters & Distribution Amplifiers



OVERVIEW

The Magenta Research MG-DA-61x series of ultra-slim HDMI 2.0 Splitters and Distribution Amplifiers provide a high-performance solution for distributing HDMI signals with video output up to 4K2K@60Hz (YUV444) resolutions and HDR (High Dynamic Range Imaging) support, which gives the most life like video experience. Support is also offered for up to 32 audio channels with sampling rates up to 192kHz and passthrough of 7.1 channels of digital audio including high resolution digital audio formats such as LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio and Dolby Atmos.

KEY FEATURES

- ◆ Supports HDMI 2.0 and up to 4K@60Hz 4:4:4.
- ◆ HDCP 2.2
- ◆ HDR
- ◆ 3D pass through
- ◆ 18Gbps high bandwidth
- ◆ Ultra Slim less than 18mm in height
- ◆ Advanced EDID management
- ◆ Supports CEC pass through

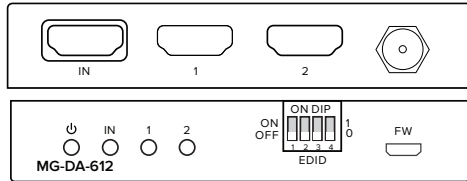
MG-DA-612	1x2 4K60 HDMI 2.0 Splitter with HDCP 2.2 and down scaling
MG-DA-614	1x4 4K60 HDMI 2.0 Splitter with HDCP 2.2 and down scaling
MG-DA-618	1x8 4K60 HDMI 2.0 Splitter with HDCP 2.2 and down scaling
PS-05-10-LK	Replacement PSU for MG-DA-612 and MG-DA-614
PS-12-10-LK	Replacement PSU for MG-DA-618

SPECIFICATIONS

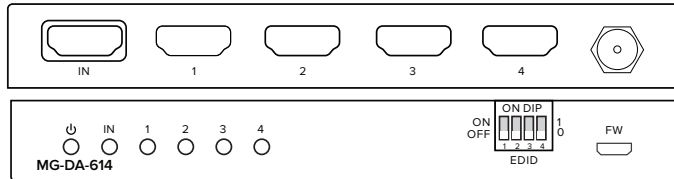
		MG-DA-612	MG-DA-614	MG-DA-618
Video Input				
Input	(1) HDMI			
Input Connector	(1) Type-A female HDMI			
HDMI Input Resolution	Up to 4Kx2K@60Hz 4:4:4 8bit			
HDMI Standard	2.0a			
HDCP Version	2.2, 1.4 compliant			
CEC	Supported			
Video Output				
Output	(2) HDMI	(4) HDMI	(8) HDMI	
Output Connector	Type-A female HDMI			
HDMI Output Resolution	Up to 4Kx2K@60Hz 4:4:4 8bit			
HDMI	2.0			
HDCP	2.2, 1.4 compliant			
CEC	Supported			
Control				
Control Part	(1) EDID 4-pin DIP switch, (1) Micro-USB port			

	MG-DA-612	MG-DA-614	MG-DA-618
General			
Bandwidth	18Gbps		
Input Connector	4K@60Hz 4:4:4 ≤ 5m, 4K@60Hz 4:2:0 ≤ 15m, 1080P ≤ 20m		
Operation Temperature	-10°C — +55°C		
Storage Temperature	-25°C — +70°C		
Relative Humidity	10%-90%		
Power Supply	Input:100V~240V AC, Output: 5V DC 1A		Input:100V~240V AC, Output: 12v DC 1A
Power Consumption	1.5W (Max)	2.5W (Max)	7W (Max)
Replacement Power Supply	PS-05-10-LK		PS-12-10-LK
Dimension (W*H*D)	96.0mm x 17.6mm x 70.4mm	142.0mm x 17.6mm x 70.4mm	260mm x 20mm x 70mm
Net Weight	185g	260g	500g
Regulatory Compliance	FCC,CE,RoHS		

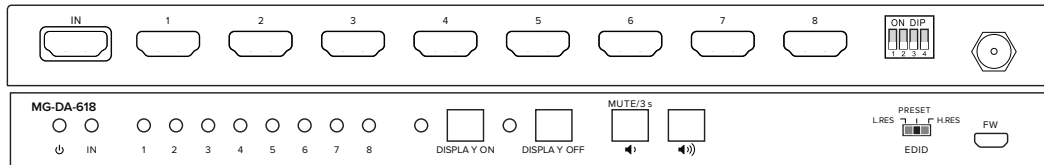
MG-DA-612



MG-DA-614



MG-DA-618



Application example

