Magenta Ultra Slim Distribution Amplifiers MG-DA-61x SERIES

HDMI 2.0 distribution with downscaling



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 with down scaling available to 1080p. 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
- Down scaling to 1080p on each independent output
- 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 Distribution Amplifier with HDCP 2.2 and down scaling	
MG-DA-618	1x8 4K60 HDMI 2.0 Distribution Amplifier 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	

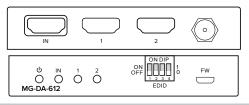


SPECIFICATIONS

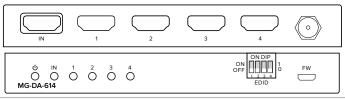
	MG-DA-612	MG-DA-614	MG-DA-618			
Video Input						
Input	(1) HDMI					
Input Connector	(1) Type-A female HDMI					
HDMI Input Resolution	Up to 4Kx2K@60Hz 4:4:4 8bit					
HDMI Standard	2.0a					
HDCP Version	2.2, 1.4 compliant					
CEC	Supported					
Video Output						
Output	(2) HDMI	(4) HDMI	(8) HDMI			
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	18Gbps				
Innut Connector	4K@60Hz 4:4:4 ≤ 5m, 4K@60Hz 4:2:0 ≤ 15m,					
Input Connector	1080P ≤ 20m					
Operation Temperature	-10°C — +55°C					
Storage Temperature	-25°C — +70°C					
Relative Humility	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					
5 Year Warranty	Included	Included				





MG-DA-614



MG-DA-618

