

DL-DA12 Technical SpecificationsOne Input to Two Output HDMI Distribution Amplifier

Rev 140625

The Digitalinx DL-DA12 is a one input to two output HDMI distribution amplifier (DA). The DL-DA12 supports supports 3D and 4K video resolutions as well as multichannel audio formats. The EDID settings of the display on Output 1 are used to negotiate with the source device.



HDTV Video Resolutions 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4Kx2K (24, 25, and 30 Hz) VESA Video Resolutions Up to 1920x1200 Embedded Audio Compatibility Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio Maximum HDMI Distance 5m (16 ft) Compliance HDMI 1.4, HDCP 1.1, DVI 1.0 Chassis and Environmental Enclosure Painted Aluminum Dimensions 25 mm x 102 mm x 145 mm (0.98 in x 4.02 in x 5.71 in) Shipping Weight 0.3 kg (0.66 lbs) Operating Temperature 0° to +40° C (+32° to +104° F) Operating Humidity 20% to 90%, Non-condensing Storage Temperature 10° to +60° C (+14° to +140° F) Storage Humidity 20% to 90%, Non-condensing Power, ESD, and Regulatory Power Supply Input 100V-240VAC / 50-60 Hz / 0.6A Power Consumption 13 watts (max) ESD Protection ±8kV (air-gap discharge), ±4KV (contact discharge) DL-DA12 Regulatory Power Supply Regulatory UL, CUL, CE, PSE, , GS, ROHS	I/O Connections	
SV DC Power Service Port One (1) Mini USB Type B Receptacle Supported Audio and Video HDTV Video Resolutions Up to 1920x1200 Embedded Audio Compatibility Up to 1920x1200 Embedded Audio Compatibility Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio Maximum HDMI Distance Sm (16 ft) Compliance HDMI 1.4, HDCP 1.1, DVI 1.0 Chassis and Environmental Enclosure Painted Aluminum Dimensions 25 mm x 102 mm x 145 mm (0.98 in x 4.02 in x 5.71 in) Shipping Weight Operating Temperature O" to 440" C (+32" to +104" F) Operating Temperature O" to +40" C (+32" to +104" F) Storage Temperature 1:0" to +60" C (+14" to +140" F) Storage Temperature 1:0" to +60" C (+14" to +140" F) Power, ESD, and Regulatory Power, ESD, and Regulatory Power Consumption 13 watts (max) ESD Protection ±8kV (air-gap discharge), ±4KV (contact discharge) DL-DA12 Regulatory Power Supply	HDMI Input	One (1) HDMI Type A Receptacle
Service Port One (1) Mini USB Type B Receptacle Supported Audio and Video HDTV Video Resolutions 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4Kx2K (24, 25, and 30 Hz) VESA Video Resolutions Up to 1920x1200 Embedded Audio Compatibility Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio Maximum HDMI Distance 5m (16 ft) Compliance HDMI 1.4, HDCP 1.1, DVI 1.0 Chassis and Environmental Enclosure Painted Aluminum Dimensions 25 mm x 102 mm x 145 mm (0.98 in x 4.02 in x 5.71 in) Shipping Weight 0.3 kg (0.66 lbs) Operating Temperature 0° to +40° C (+32° to +104° F) Operating Humidity 20% to 90%, Non-condensing Storage Temperature 1.0° to +60° C (+14° to +140° F) Storage Humidity 20% to 90%, Non-condensing Power, ESD, and Regulatory Power Supply Input 100V-240VAC / 50-60 Hz / 0.6A Power Supply Output 5VDC / 2.6A Power Consumption 13 watts (max) ESD Protection ±8kV (air-gap discharge), ±4KV (contact discharge) DL-DA12 Regulatory FCC, CE, RoHS Power Supply Regulatory UI, CUL, CE, PSE, , GS, RoHS Diagnostic Indicators Power LED	HDMI Outputs	Two (2) HDMI Type A Receptacle (1 per output)
Supported Audio and Video HDTV Video Resolutions 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4Kx2K (24, 25, and 30 Hz) VESA Video Resolutions Up to 1920x1200 Embedded Audio Compatibility Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio Maximum HDMI Distance 5m (16 ft) Compliance HDMI 1.4, HDCP 1.1, DVI 1.0 Chassis and Environmental Enclosure Painted Aluminum Dimensions 25 mm x 102 mm x 145 mm (0.98 in x 4.02 in x 5.71 in) Shipping Weight 0.3 kg (0.66 lbs) Operating Temperature 0° to +40° c (+32° to +104° F) Operating Humidity 20% to 90%, Non-condensing Storage Temperature -10° to +60° c (+14° to +140° F) Storage Humidity 20% to 90%, Non-condensing Power, ESD, and Regulatory Power Supply Input 100V-240VAC / 50-60 Hz / 0.6A Power Supply Output 5VDC / 2.6A Power Consumption 13 watts (max) ESD Protection ±8KV (air-gap discharge), ±4KV (contact discharge) FCC, CE, ROHS Power Supply Regulatory FCC, CE, ROHS Power LED Warranty 2 years Diagnostic Indicators Power LED	5V DC Power	One (1) Threaded Barrel (5.5 mm OD; 2.6 mm ID)
HDTV Video Resolutions 480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4Kx2K (24, 25, and 30 Hz) VESA Video Resolutions Up to 1920x1200 Embedded Audio Compatibility Up to PCM 5 channel, Dolby Digital TrueHD, and DTS-HD Master Audio Maximum HDMI Distance 5m (16 ft) Compliance HDMI 1.4, HDCP 1.1, DVI 1.0 Chassis and Environmental Enclosure Painted Aluminum Dimensions 25 mm x 102 mm x 145 mm (0.98 in x 4.02 in x 5.71 in) Shipping Weight 0.3 kg (0.66 lbs) Operating Temperature 0° to +40° C (+32° to +104° F) Operating Humidity 20% to 90%, Non-condensing Storage Temperature -10° to +60° C (+14° to +140° F) Storage Humidity 20% to 90%, Non-condensing Power, ESD, and Regulatory Power Supply Input 100V-240VAC / 50-60 Hz / 0.6A Power Supply Output 5VDC / 2.6A Power Consumption 13 watts (max) ESD Protection ±8kV (air-gap discharge), ±4KV (contact discharge) DL-DA12 Regulatory Power Supply Regulatory Power Supply Regulatory UL, CL, CE, PSE, , GS, ROHS Diagnostic Indicators Power LED	Service Port	One (1) Mini USB Type B Receptacle
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Embedded Audio Compatibility Maximum HDMI Distance Sm (16 ft) Compliance HDMI 1.4, HDCP 1.1, DVI 1.0 Chassis and Environmental Enclosure Painted Aluminum Dimensions 25 mm x 102 mm x 145 mm (0.98 in x 4.02 in x 5.71 in) Shipping Weight 0.3 kg (0.66 lbs) Operating Temperature 0° to +40° C (+32° to +104° F) Operating Humidity 20% to 90%, Non-condensing Storage Temperature -10° to +60° C (+14° to +140° F) Storage Humidity 20% to 90%, Non-condensing Power, ESD, and Regulatory Power Supply Input 100V-240VAC / 50-60 Hz / 0.6A Power Supply Output 5VDC / 2.6A Power Consumption 13 watts (max) ESD Protection ±8kV (air-gap discharge), ±4KV (contact discharge) DL-DA12 Regulatory Power Supply Regulatory DL-DA12 Regulatory Power Supply Regulatory Power Supply Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA12 Regulatory Power Supply Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA12 Regulatory Power Supply Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA12 Regulatory Power Supply Regulatory DL-DA13 Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA14 Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA15 Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA16 Regulatory Power Supply Regulatory Power Supply Regulatory DL-DA16 Regulatory Power Supply Regulatory P	HDTV Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4Kx2K (24, 25, and 30 Hz)
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### ESD Protection #### ###############################	Power Supply Output	5VDC / 2.6A
DL-DA12 Regulatory FCC, CE, RoHS Power Supply Regulatory UL, CUL, CE, PSE, , GS, RoHS Other Warranty 2 years Diagnostic Indicators Power LED	Power Consumption	13 watts (max)
Power Supply Regulatory UL, CUL, CE, PSE, , GS, RoHS Other Warranty Diagnostic Indicators Power LED	ESD Protection	±8kV (air-gap discharge), ±4KV (contact discharge)
Other Warranty 2 years Diagnostic Indicators Power LED	DL-DA12 Regulatory	FCC, CE, RoHS
Warranty 2 years Diagnostic Indicators Power LED	Power Supply Regulatory	UL, CUL, CE, PSE, , GS, RoHS
Diagnostic Indicators Power LED	Other	
	Warranty	2 years
Included Accessories Installation Guide, Power Supply with US adapter installed, and EU, UK, and AU adapters	Diagnostic Indicators	Power LED
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