



DIGITALINX

DL-DAC6 Installation Guide



The DigitalInX DL-DAC6 is a surround sound to stereo audio converter. The DL-DAC6 features optical and digital coaxial input audio connections. Analog output is simultaneously available on the 3.5mm jack and the stereo RCA jacks. The DL-DAC6 features a switch to specify which audio input is being used.

Instructions

1. Verify source and output devices are powered off before installing the DL-DAC6.
2. Connect a source to the DL-DAC6 *SPDIF* input with a digital audio optical cable or the *Coaxial* input with a digital audio coaxial cable.
3. Move the input selector switch to input used.
4. Connect headphones or an analog audio amplifier to the appropriate output of the DL-DAC6.
5. Apply power to the DL-DAC6 with the supplied power supply. The DL-DAC6 may also be powered through the USB port on the device.
6. Turn on the source.
7. Turn on the output device.

Technical Specifications

I/O Connections	
SPDIF (Optical) Input	One (1) EIAJ Optical Connector
Coaxial Input	One (1) RCA Connector
Power Input	One (1) 5.5 mm Outside Diameter, 2.5 mm Inside Diameter Barrel
USB Input (Alternate power input)	One (1) USB Type B Mini Connector
Analog Output	Two (2) RCA Connectors
Headphone Output	One (1) 3.5 mm Jack
DAC Specifications	
Supported PCM 2 Channel Audio	32 KHz, 44.1 KHz, 48 KHz, 96 KHz
Supported Digital Audio	Dolby Digital, DTS and PCM: 6 channel (5.1) at 16, 20, or 24 bit
Output Signal to Noise Ratio	120 dB
Output Frequency Response	20 Hz through 20 KHz \pm 0.5 dB
Chassis and Environmental	
Enclosure	White ABS Plastic
Dimensions with Connectors (HxWxD)	20 mm x 72 mm x 55 mm (0.79 in x 2.83 in x 2.17 in)
Shipping Weight	0.18 kg (0.4 lb)
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	100-240V AC at 50/60 Hz
Power Supply Output	5V DC; 1 Amp
Power Consumption	2.5 watts (max)
ESD Protection	\pm 8kV (air-gap discharge), \pm 4KV (contact discharge)
Regulatory	FCC, CE, RoHS
Other	
Warranty	2 years
Included Accessories	Power supply



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