



DL-DAFC Installation Guide



The DigitalInX DL-DAFC is a Digital Coaxial / Optical audio converter. The DL-DAFC supports S/PDIF audio signal input through either Digital Coaxial or Optical cable and passes the signal (as is) to both Digital Coaxial and Optical output ports. With the DL-DAFC built-in amplification feature, it can serve as a repeater of the audio signal and extend the transferring distance.

Instructions

1. Verify source and output devices are powered off before installing the DL-DAFC.
2. Connect a source to the DL-DAFC S/PDIF input with a digital audio optical cable or the Digital Coaxial input with a digital audio coaxial cable.
3. Input switch on the side of unit, Select the Optical or Digital Coaxial input.
4. Apply power to the DL-DAFC with the supplied power supply. The DL-DAFC may also be powered through the USB port on the device. LED will illuminate when connected to power.
5. Connect Digital Coaxial or Optical outputs to supported audio device(s).
6. Turn on the source.
7. Turn on the output device(s).

Technical Specifications

I/O Connections	
SPDIF (Optical) Input	One (1) EIAJ Optical Connector
Digital 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
SPIDF (Optical) Output	One (1) EIAJ Optical Connector
Digital Coaxial Output	One (1) RCA Connector
DAC Specifications	
Supported PCM 6 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	Black ABS Plastic
Dimensions with Connectors (HxWxD)	20 mm x 72 mm x 54 mm (0.79 in x 2.83 in x 2.12 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	-20° to +60° C (-4° 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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