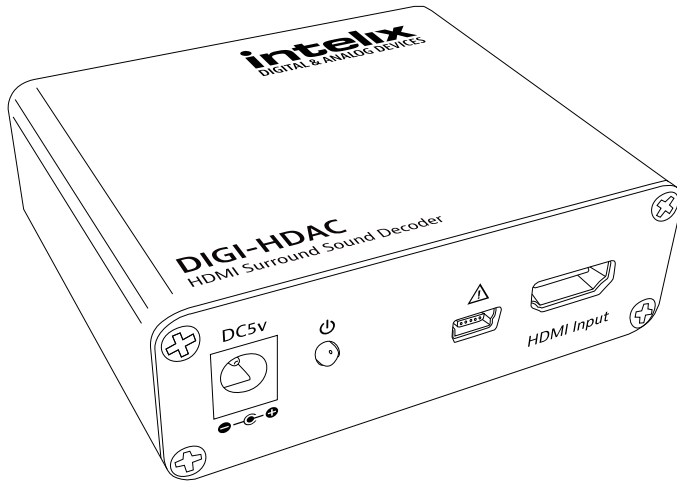




DIGI-HDAC Installation Guide



The DIGI-HDAC was designed for use in installations where a digital or multichannel audio source is being sent to a device that does not support multichannel audio or requires analog audio.

The DIGI-HDAC features a 4Kx2K compatible HDMI input with audio support for up to six channel audio. The HDMI output will pass the original video signal and a down-mixed stereo audio version of the original digital audio signal. The DIGI-HDAC will also simultaneously output the audio to the 3.5mm jack and the stereo RCA jacks.

Instructions

1. Verify source and output devices are powered off before installing the DIGI-HDAC.
2. Connect the source to the DIGI-HDAC *HDMI Input* with an HDMI cable.
3. Connect the display to the DIGI-HDAC *HDMI Output* with an HDMI cable.
4. Connect headphones or an analog audio amplifier to the appropriate analog output of the DIGI-HDAC.
5. Apply power to the DIGI-HDAC with the supplied power supply. The DIGI-HDAC may also be powered through the USB port on the device.
6. Turn on the source.
7. Turn on the display and/or output device.

Technical Specifications

I/O Connections	
HDMI Input	One (1) HDMI Type A Receptacle
5V DC Power	One (1) 5.5mm Outside Diameter, 2.5mm Inside Diameter Barrel
USB Input (Alternate power input)	One (1) USB Type B Mini Connector
HDMI Output	One (1) HDMI Type A Receptacle
Analog Output	Two (2) RCA Connectors
Headphone Output	One (1) 3.5 mm Jack
Supported Video and Audio	
Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p and UHD (3840x3160 [4Kx2K])
Color Depth	24, 30, 36, and 48 bit
Video Compliance	HDMI and HDCP
Input Video Signal	0.5 – 1.5 volts p-p
Input DDC Signal	5 volts p-p
Supported PCM 2 Channel Audio	32 KHz, 44.1 KHz, 48 KHz, 96 KHz
Supported Digital Audio	Dolby Digital and DTS: 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	Painted Steel
Dimensions with Connectors (HxWxD)	28 mm x 84 mm x 80 mm (1.10 in x 3.31 in x 3.15 in)
Shipping Weight	0.32 kg (0.7 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, installation guide

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