

# DAC 102

## TWO CHANNEL DIGITAL TO ANALOG AUDIO CONVERTER



The DAC 102 converts two channels of uncompressed digital audio to balanced or unbalanced analog audio output signals. This compact converter is ideal for applications where a digital audio signal must be routed to another device that only has an analog audio input.

- ▶ Provides two channel digital to analog audio conversion from a TOSLINK or coaxial S/PDIF source
- ▶ Remote volume port
- ▶ Small form factor
- ▶ Lip sync correction up to 100 ms
- ▶ ZipClip 25 included

## DESCRIPTION

The **DAC 102** is a two channel digital to analog audio converter. It accepts two channels of uncompressed digital audio signals up to 24-bit, 192 kHz, from either a TOSLINK or coaxial S/PDIF source, and converts the signal to balanced/unbalanced analog audio. An integrated remote volume control port allows for output level adjustment and mute control when used with analog volume controllers such as the MLC 55 RS VC, MLC 64 RS VC D, MLC 64 RS VC, MLA VC10 Plus, and VCM series. The small form factor and included ZipClip 25 easily accommodates installations where space is limited.

## KEY FEATURES

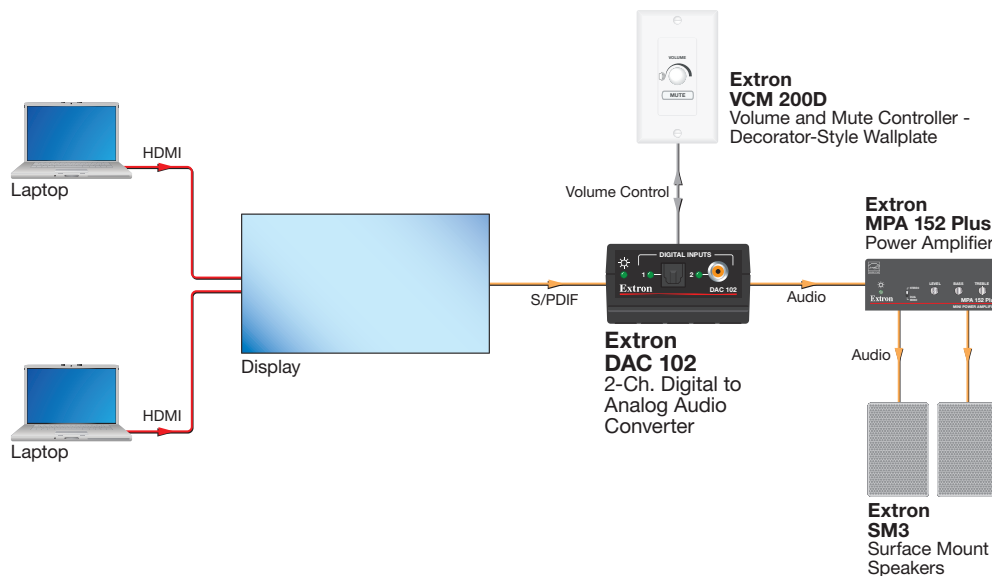
- ▶ Provides two channel digital audio to analog conversion from a TOSLINK or coaxial S/PDIF source – TOSLINK takes priority when both digital inputs are connected
- ▶ Remote volume port – Compatible with volume controllers such as the MLC 55 RS VC, MLC 64 RS VC D, MLC 64 RS VC, MLA VC10 Plus, and VCM series
- ▶ Small form factor
- ▶ Lip sync correction up to 100 ms – adjustable from 0 to 100 ms in 1 ms steps. Configurable via SIS commands and PCS.
- ▶ ZipClip 25 included
- ▶ USB configuration and power port

## SPECIFICATIONS

AUDIO		
Frequency response	20 Hz to 20 kHz, ±0.2 dB	
THD + Noise	<0.03% @ 1 kHz, at maximum output level	
S/N	>100 dB, 20 Hz to 20 kHz, unweighted	
AUDIO INPUT		
Number/signal type	2 S/PDIF (1 optical, 1 coaxial)	
Source formats	PCM 32 kHz, 44.1 kHz, 48 kHz, 96 kHz, and 192 kHz sample rates, up to 24-bit	
Listening modes	2-Channel/Stereo	
Connectors	1 TOSLINK fiber optic connector / 1 RCA jack	
AUDIO OUTPUT		
Number/signal type	1 stereo balanced/unbalanced	
Connectors	(1) 3.5 mm captive screw connector, 5 pole	
Impedance	50 ohms unbalanced, 100 ohms balanced	
Maximum level	>+12 dBV balanced or >+6 dBV unbalanced	
D/A conversion	24 bit, 192 kHz	
COMMUNICATION		
Volume control port	(1) 3.5 mm captive screw connector, 3 pole	
GENERAL		
Power input	5 VDC from external power source	
Mounting		
Furniture mount	Yes, with included ZipClip 25	
Enclosure type	Plastic	
Enclosure dimensions	1.33" H x 2.4" W x 2.3" D (34 cm H x 61 mm W x 58 mm D)	
Product weight	0.2 lbs (0.1 kg)	
Regulatory compliance	CE, C-tick, FCC Class B, ICES, VCCI, RoHS, WEEE	
Product warranty	3 years parts and labor	
<b>NOTE:</b> All nominal levels are at ±10%.		
Model	Version Description	Part number
DAC 102	Two Channel Digital to Analog Audio Converter	60-1811-01

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

## APPLICATION DIAGRAM



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