



**RJM & Associates, LLC**  
Broadcast Solutions

## Data Sheet

### DAC-24

### Digital to Analog Audio Converter



*The power supply is sold separately*

#### Key Features

- 24-bit D/A converter
- Automatic de-emphasis
- 30kHz to 50kHz AES3 or AES3id digital inputs
- LED indicators for emphasis and data error conditions
- Output level adjustment (-5 to +12dBu at -20dBFS)
- Headphone jack (1/4") for output monitoring with volume control
- Terminating or bridging input
- Compact size: 5.2"W x 1.62"H x 6.625"D (15.2 x 4.1 x 16.8 cm) less connectors

**High quality, affordable, 24-bit, AES digital-to-analog converter with headphone monitoring.** High quality. Versatility. That's what you expect from RJM & Associates. That's what you get with SoundPals DAC-24 with precision 24-bit signal processing. The unit includes both XLR (AES3) and BNC (AES3id) inputs from 30kHz to 50kHz sample rate.

Provides independent left and right analog output adjustments. SoundPals can be rack-mounted in the studio or battery operated in the field. Includes headphone jack with level adjustment for easy monitoring. The DAC-24 is the price-performance leader.

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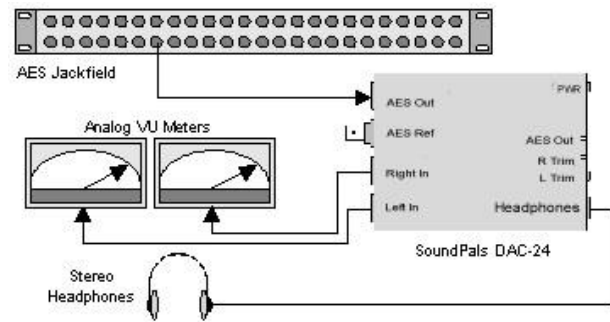
Web: [www.rjmandassociates.com](http://www.rjmandassociates.com)

## DAC-24 Digital to Analog Audio Converter

Technical Data	
Output impedance	30Ω
Level range	-5dBu to +12dBu @ -20dBFS
Frequency response	+0/-0.2dB, 20Hz-20kHz
THD + N @ +4dB	-98dB, 20Hz-20kHz @ -20dBFS Input
THD + N @ +24dB	-87dB, 20Hz-20kHz @ 0dBFS Input
Dynamic Range	100dB
Crosstalk	<-84dB, 20Hz - 10kHz
Headphones: Impedance	20Ω
Frequency Response	+0/-0.2dB, 50Hz - 20kHz
Dynamic Range	91dB
Input Sample Rate	30kHz to 50kHz
Power:	375mA @ 6Vdc
Options	
RT-2	1RU rack tray for mounting up to 3 units, with power supply
PSU-1	90-260V 50/60Hz in-line power supply, with detachable IEC power cord

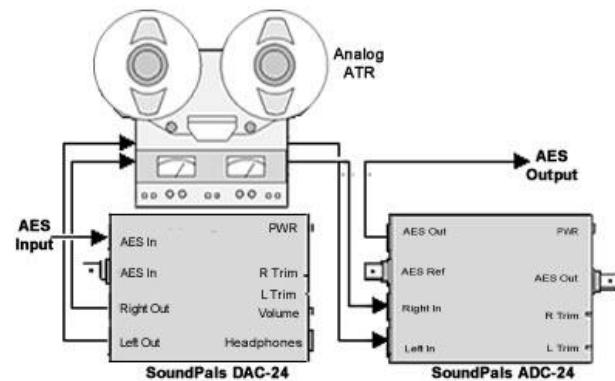
### Application Diagrams

There are many uses for SoundPals in music recording, radio or television broadcasting, DVD/CD/CR-ROM mastering, and video production and post-production.



#### DAC-24 Used Independently

In this application, the DAC-24 is connected to an AES patch panel. It allows monitoring of audio signals via headphones and VU meters.



#### DAC-24 Used in Combination with Other SoundPals.

In this application, both the SoundPals DAC-24 and the ADC-24 are used to seamlessly insert analog equipment into a digital audio stream.



#### Inputs & Outputs

One AES input on XLR, or DATS on BNC connector.

Two analog outputs on XLR connectors.  
One 1/4" TRS Headphone output connector.

**Your local RJM & Associates Distributor:**