



DATASHEET

32-Bit DAC

The ultimate 'Stadius' D-A converter

KEY FEATURES

The DiGiCo 32-Bit DAC is an option card to add 8 high quality analogue outputs to selected DiGiCo products. This output card uses the latest digital-to-analogue converter (DAC) technology available, combined with 50 years of analogue expertise. Class leading technology and a design team who are meticulous about perfect sound, has produced a DAC that redefines the meaning of audio performance; the Ultimate "Stadius" DAC.

- Revolutionary "capacitor damping" removing any unwanted vibration pickup
- Lightning quick conversion time; 104µs
- Dedicated analogue, ultra-low noise linear power supplies
- Fully shielded analogue stage
- Improved metal XLR design with continuous circumferential ground contact



WORKSURFACE

8 x XLR Line Outputs

OPTIONS

Compatible With: SD-Rack / SD MINI-Rack / SD NANO-Rack / 4REA4

DiGiCo SD-Range

The SD-Range caters for everything audio: be it the biggest rock and roll show on the planet, a crucial global broadcast, the most sizeable House of Worship application, or an intimate theatre performance, there is an SD console that will tick the box.

Powerful. Versatile. Smart. Desirable.

A&E SPECIFICATION

The DiGiCo 32-Bit DAC shall allow 8 analogue outputs at both 48kHz and 96kHz with 32-bit analogue to digital conversion. The front plate of the 32-Bit DAC shall have 8 XLR outputs.

The dimensions of the 32-Bit DAC shall be: 30.6 (w) x 284.5 (d) x 295 (h) mm

The weight of the 32-Bit DAC shall be: 910g

PHYSICAL

Dimensions: 30.6mm (w) x 284.5mm (d) x 295mm (h)

Weight: 910g

Product Code: MOD-SDR-DAC32B

AUDIO SPECIFICATIONS

Sample Rate: 48kHz or 96kHz

Latency @ 96k (Rack I-O A-A): 0.89ms

THD+N (0dBFS @ 1k): 0.0008% (-102dB)

Dynamic Range D-A: 120dBu

AVG Noise D-A (20k AES17): -98dBu

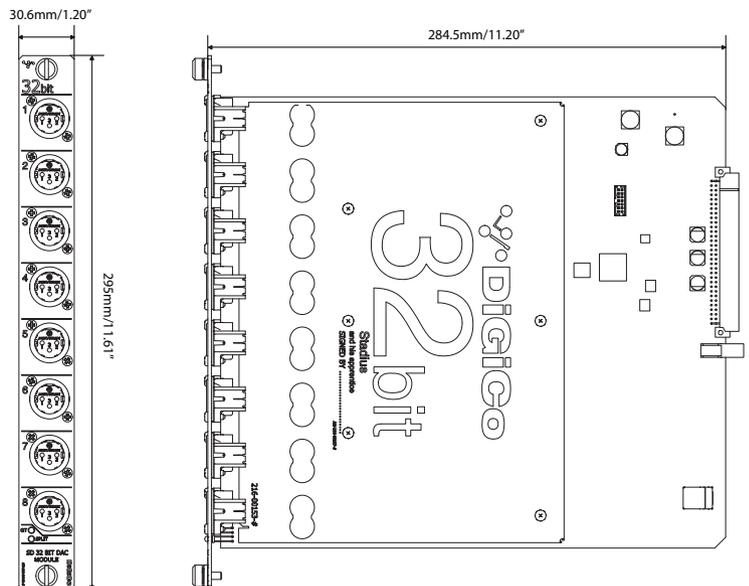
A-A Frequency Response (20Hz-20kHz): ± 0.15 dB

Crosstalk: -120dB

For Nominal Z_{LINE} : 600 Ω

Z_{Out} : 50 Ω

Maximum Output Level: +24dBu



DiGiCo HQ

Unit 10 Silverglade Business Park Leatherhead Road, Chessington,
Surrey, KT9 2QL, United Kingdom
info@digiconsoles.com

©DiGiCo 2019. All brand and product names are copyright to their respective owners
E&OE

www.digico.biz

 **DiGiCo**
www.digico.biz