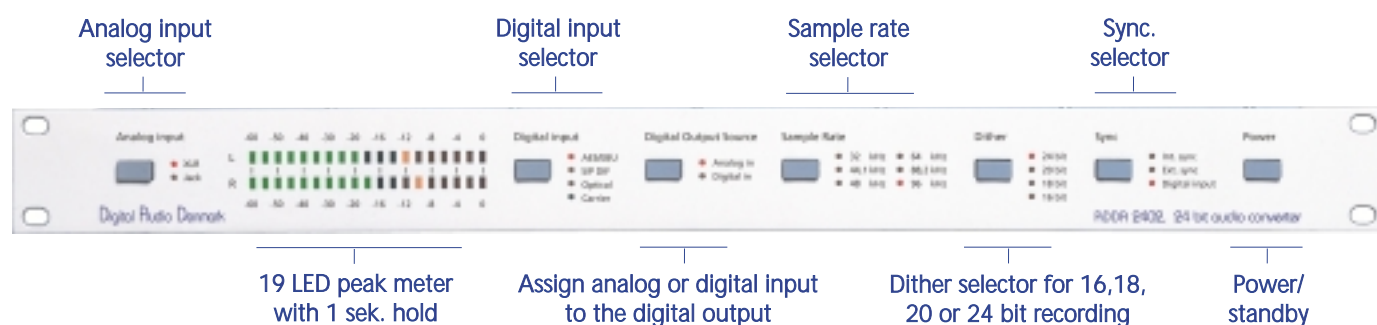


ADDA 2402 - FEATURES AND SPECIFICATIONS



19 LED peak meter with 1 sek. hold

Assign analog or digital input to the digital output

Dither selector for 16,18, 20 or 24 bit recording

Power/standby

The Converter is tailored for High Quality Digital Audio Recording on HD, DAT and Digital Multitrack systems, and supports sample-rates from 32 kHz to 96 kHz in 24 bit format. A filter is comprised in the A/D converter for elimination of Aliasing Intermodulation Distortion. A variety of connectors are available for easy interfacing to both professional and consumer environments.

On the AD converter a Peak Programme Meter is available for precise monitoring of the recorded level, and psycho acoustic dither can be added when recording with a lower bit-resolution than 24 bit.

The Converter is full duplex and is a unique gateway to the digital domain in recording, pre-production and mastering applications.

TECHNICAL SPECIFICATIONS:

AD CONVERTING AT 44,1 KHZ:

Dynamic range:	>117 dB (A)
THD+N:	< - 104 dB
Crosstalk:	< 110 dB
Dither:	16, 18, 20 bit
Processing Delay:	< 1,0 ms

DA CONVERTING AT 44,1 KHZ:

Dynamic range:	>117dB (A)
THD+N:	< - 91 dB
Crosstalk:	< 100 dB
Processing Delay:	< 0,85 ms

DD CONVERTING: 32, 44,1 and 48 KHZ

Dynamic range:	>112dB (A)
THD+N:	< -95 dB
Frequency Response (48 kHz to 44,1 kHz):	20-18,5 kHz \pm 0.1 dB
Processing Delay:	Between 0,7 and 3 ms

Frequency response A/D and D/A. Stop-band attenuation 117 dB at the half sampling freq. for A/D.

Fs 32kHz, 20-13,5 kHz:	\pm 0.1dB
Fs 44,1kHz, 20-18,5 kHz:	\pm 0.1dB
Fs 48kHz, 20-20 kHz:	\pm 0.1dB
Fs 64kHz, 20-25 kHz:	\pm 0.1dB
Fs 88,2kHz, 20-35 kHz:	\pm 0.1dB
Fs 96kHz, 20-38 kHz:	\pm 0.1dB

DIGITAL INPUTS AND OUTPUTS

Connectors:	XLR, RCA Phono, Optical
Formats:	AES/EBU, S/PDIF
Sample Rates:	32 to 96 KHz
Word Clock Sync in/out:	BNC, 32 to 100 kHz

ANALOG INPUTS

Connectors:	XLR (pin 2 hot), Jack
Impedance (Balanced):	> 15 k Ω
Impedance (Un-balanced):	> 20 k Ω
Max. Input Level (Balanced):	+18, 21, 22, 24, 27 dBu
Max. Input Level (Un-balanced):	+ 4, 7, 8, 10, 13 dBu

ANALOG OUTPUTS

Connectors:	XLR (pin 2 hot), Jack
Impedance (Balanced):	< 40 Ω
Impedance (Un-balanced):	< 20 Ω
Max. Output Level (Balanced):	+18, 21, 22, 24, 27 dBu
Max. Output Level (Un-balanced):	+ 4, 7, 8, 10, 13 dBu

GENERAL

EMC complies with:	EN 50082, and EN 50022
Operating Temperature:	+5 to 45° C
Dimensions (w,h,d):	19", 1U, 275 mm
Weight:	3,3 kg
Mains Voltage:	110 - 120 VAC or 220- 240 VAC
Power Consumption:	10 Watts

Due to our policy of continuous improvement of our products, Digital Audio Denmark reserves the right to make feature and specifications changes without notice. All specifications are measured using AP dual domain audio analyser.



Digital Audio Denmark

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