

METRONOME TECHNOLOGIE

PREMIUM D/A CONVERTERS



D/A converters developed by Métronome combine innovative design and elegance to deliver the highest quality of sound. These converters are available in solid-state version, tube version, and switchable version.

PREMIUM D/A CONVERTERS SPECIFICATIONS

According to the model, 2 or 4 D/A converters use the best 24 bit / 192 kHz technology with 32 bit internal processing in order to reconstitute a beautiful clear and deep sound.

The upsampler and the D/A converters are fixed on independent PCB plugged on the main board, allowing potential upgrades. The type B USB digital input allows direct connexion with computers and accepts high resolution signals such as HD Master (24 bit / 192 kHz). Each digital input uses its own digital input receiver for a low level of jitter.

The analog stage receives four operational amplifiers typically chosen for their sound quality, their fast transitions and exceptional audio quality.

The power supply performs individual power transformers and independent regulation lines for each critical part of the converter providing inter-stage EMI/RFI radiation protection to insure analog-like sound quality.

D/A converters are available in black and silver finishings, two front plate heights, and optional Elektra external power supply.

TECHNICAL FEATURES

D/A Converter resolution

24 bit / 192 kHz technology 2 converters
4 converters in the switchable version

Sample rate converter

Dynamic range capacity : 475 dB / Distorsion + noise : -140 dB
Internal processing 32 bit / Input frequency range from 32 to 211 kHz

Analog stage line

Class A international polarization
SOLID STATE : Frequency bandwidth : 10 Hz - 20 Hz +/- 0.1 dB
Dynamic range capacity : 140 dB
TUBE STAGE LINE : 10 Hz - 25 Hz +/- 0.1 dB

Digital inputs

All the 4 inputs accept from 44.1 to 192 kHz signal sampling rate:
S/PDIF 75 Ohms RCA connector
AES/EBU 110 Ohms XLR connector
Toslink connector

USB type B connector allowing direct signal retrieving from computer

Analog outputs

Unbalanced 2.5 V RMS @0dB -47 KOhms - RCA connectors
Balanced 2.5 V RMS @0 dB - 600 Ohms - XLR connectors

Power supply

EMI rejection by Schaffner filters, 3 main toroidal transformers and 12 separated independent regulation lines

Voltage

100 VAC - 50/60 Hz Japan
120/240 VAC - 50/60 Hz Other Countries

Other characteristics

Power consumption : 35 VA
Dimensions (WxHxD) : 450 x 85 or 115 x 435 mm Weight : 12 kg
ELEKTRA (WxHxD) : 450 x 105 x 435 mm Weight : 15 kg



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Métronome products are designed and hand made in France

Discover more about Métronome at www.metronome-technologie.com

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