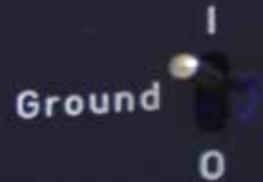


C8 + DAC

METRONOME TECHNOLOGIE



C8 + Power Supply

30
YEARS

D/A CONVERTERS

METRONOME TECHNOLOGIE

D/A CONVERTERS

According to the model, 2 or 4 D/A converters use the best 24 bit / 192 kHz or 32 bit / 384 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 connection with your computer or music server and accepts high resolution signals up to 32 bit / 384 kHz according to the model. 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 finishing, two front plates heights, and optional Elektra external power supply.

TECHNICAL FEATURES

D/A Converter resolution:

24 bit / 192 kHz or 32 bit / 384 kHz technology
2 to 4 converters according to the model

Sample rate converter:

Dynamic range capacity : 175 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 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 3 V RMS @0dB -47 Ohms - RCA connectors
Balanced 3 V RMS @0 dB - 600 Ohms - XLR connectors

Power supply:

EMI rejection by Schaffner filters, 3 main toroidal transformers and 11 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 PSU (WxHxD) : 450 x 105 x 435 mm Weight : 15 kg



C5 +



Back view of C6 +



C8 +