



METRONOME  
TECHNOLOGIE

THE ABSOLUTE SOUND WITH A PERFECT DESIGN

C5 CONVERTER



The new C5 Converter, latest version of the METRONOME TECHNOLOGIE Converters series, has inherited of the most recent developments and proprietary improvements performed by METRONOME TECHNOLOGIE with a very high level of quality achievement.

## TECHNICAL SPECIFICATIONS



**D/A Converter resolution :**  
24 bit/192 kHz technology 2 converters

**Sample rate converter :**  
Dynamic range capacity : 175dB  
Distortion + noise : -140dB  
Internal processing : 32 bit  
Input frequency range : from 32 to 211 kHz

**Analog stage line :**  
Solid state with Class A international polarization  
Frequency bandwidth : 10 Hz-20 kHz +/- 0,1dB

**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  
ATT fiber glass  
USB RCA connector

**Analog outputs :**  
Unbalanced 2.5V RMS @0dB -47K Ohms- RCA connectors  
Balanced 2.5V RMS@0dB -600 Ohms- XLR connectors

**Power supply :** EMI rejection by Schaffner filters. 3 main toroidal transformers and 12 separate independent regulation lines

**Voltage :**  
100 VAC - 50/60 Hz Japan :  
120/240 VAC - 50/60 Hz Other countries

**Power consumption :** 20VA  
**Dimensions (WxHxD) :** 450 x 7.5 x 435 mm  
**Weight :** 11 Kg

## MAIN HIGHLIGHTS & DESIGN FEATURES

The two D/A converters using the best 24 bit/192 kHz technology with 32 bit internal processing permit fast music restitution with clearer and deeper sound.

The upsampler and the D/A converters are fixed on an independent PCB plugged on the main board which permits easy possible upgrade.

The USB type B digital output permits direct connection with a computer (PC and Mac) and accepts high resolution signals such as HD\_Master (24bit/192kHz).

Each digital input uses its own Digital Input Receiver for a lower level of jitter.

The analog stage includes four operational amplifiers typically chosen for their sound quality, their fast transitions and exceptional audio quality (very transparent, open & aerial)

A user friendly digital screen shows the signal frequency of the selected input.

The power supply with individual power transformers and completely independent regulation lines for each critical part of the converter - digital input stage, digital upsampling and processing, converter, analog output - provides an inter-stage EMI/RFI radiation protection to insure a dynamic analog-like sound quality.

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