



# Mutine

## Audiomat Tempo 2.5

digital / analog converter



### INTRODUCTION

Completely assembled by hand, in limited series, the Tempo 2.5 honors Audiomat's well-deserved reputation of building reliable and timeless products. The Tempo 2.5, with more than 20 years in the making, embodies exceptional technology mastery.

### DESCRIPTION

The digital and analog sections have their own separate power supply. The data is processed via a Crystal CS 8414 circuit compatible with signals sampled up to 96 kHz. Sampling frequency recognition is automatic. The input signals drive a Burr Brown DF 1704 digital filter. The converters selected for this DAC are two 24 bits/96 kHz PCM 1704 K series Burr Brown converters, K selection. Each section has its dedicated power supply; 8 regulators are assigned to specific areas of the digital circuit. The second power supply uses a dedicated toroidal transformer and 46 capacitors (4 700 microfarads) and SCR MKP polypropylene capacitors selected for their low impedance and minimal distortion.

Like all Audiomat products, the Tempo 2.5 has undergone intensive microphonic behavior research. The elegant aluminum chassis sits on three solid brass nickel-plated cones. The two front cones are screwed directly to the two toroidal transformers, in order to further improve the dissipation of the vibrations towards the surface on which rests the Tempo 2.5. An additional lead/aluminum sandwich has been added to the bottom of the chassis to better control and dissipate vibrations. The Tempo 2.5 will perform at its best when placed on a stand designed with musicality in mind.



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## SPECIFICATIONS

Type	24 bit/96 kHz
Sampling frequency	Automatic
Demodulator	Crystal CS 8414
Digital filter	Burr Brown DF 1704
Multibit converter	Burr Brown PCM 1704K (2)
Transistors	Bipolar in pure class A
Analog filter	Fifth order passive
Power supply	2 dedicated toroidal transformers 46 x 4700 microfarads capacitors
Output level	2,8 volts
Digital inputs	1 RCA, 1 Toslink, 1 XLR
Analog output (RCA)	1 unbalanced
Available finishes	Brushed aluminum or anodized black
Weight	13 kg - 28.7 lbs.
Dimensions (w x h x d)	44,5 x 9 x 31 cm 17.5 x 3.5 x 12.2 in.
Warranty (North America)	Basic: 90 days Extended: 2 years

