



# Mutine

## Audiomat Maestro

digital / analog converter



### INTRODUCTION

Completely assembled by hand, in limited series, the Maestro honors Audiomat's well-deserved reputation of building reliable and timeless products. The Maestro, with more than 20 years in the making, embodies exceptional technology mastery. For many years already, the Maestro has been adopted as the reference DAC by several audio critics in Europe and North America.

### DESCRIPTION

Two toroidal transformers feed two dedicated power supplies for both the digital and analog sections. The analog power supply uses two proprietary 680 000 microfarads capacitors designed by Sic/Sacp Capax/s with in parallel 400 microfarads polypropylene capacitors. Faithful to its highly purist philosophy, Audiomat always rejected the use of interpolation, considering this attempt to create information by extrapolation far from faithful to the original message. Instead, Audiomat concentrated its research on the preservation of the micro-information present in the original recording. The Maestro possesses an ultra high-speed input stage. On the digital circuit board lies a Crystal CS 8414 demodulator (without any digital reformatting) followed by a Burr Brown DF 1704 digital filter and four Burr Brown PCM 1704 K converters (the letter «K» stands for Burr Brown – internal selection of its best components). These DACs allow the use of a specific analog output stage. The Maestro uses fourteen bipolar transistors, meticulously selected and working in pure class A, excluding the use of operational amplifiers in the signal path. Its seventh order passive analog filter offers exceptional phase rotation control, allowing an important rejection of ultrasonic frequencies that are known to disrupt the musical signal and are characterized by a cold and dehumanized sound.

Like all Audiomat products the Maestro has undergone intensive microphonic behavior research. Since the creation of the brand, Audiomat products are delivered with three solid brass nickel-plated cones. Their positioning and tightening has been carefully studied to provide the optimum extraction of vibrations. This is why the Maestro will perform at its best when placed on a stand designed with musicality in mind. Considering the extreme care that went into the design and development of the Maestro, it will not come as a surprise that it is considered the most musical DAC currently available.



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## SPECIFICATIONS

Type	24 bit/96 kHz
Demodulator	Crystal CS 8414
Digital filter	Burr Brown 1704
Multibit converter	Burr Brown PCM 1704K (4)
Transistors	14 bipolar in pure class A
Analog filter	seventh order passive
Power supply	2 x 680 000 microfarads condensers 400 microfarads polypropyl- ene in parallel
Output level	2,8 volts
Digital inputs	1 RCA, 1 Toslink, 1 XLR
Analog output (RCA)	1 unbalanced
Analog output (XLR)	1 balanced
Available finishes	Brushed aluminum or anodized black
Warranty (North America)	Basic: 90 days Extended: 2 years
Weight	15 kg - 33 lbs.
Dimensions (w x h x d)	44 x 13 x 36 cm 17.3 x 5.1 x 14.2 in.

