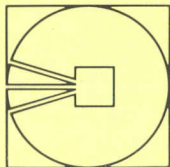


**MONDIAL DESIGNS LIMITED**

Two Elm Street, Ardsley, New York 10502 • (914) 693-8008



**C**onsumer Electronics  
Design and Engineering  
Awards 1987 and 1988

On exhibition:  
Lincoln Center Museum 1989  
Smithsonian Institute 1989



**T**he Aragon preamp is now my choice for under £1,500 (\$2,700).

HiFi News & Record Reviews  
March 1989

**M**ondial's Aragon 4004 is simply the biggest bargain in high end audio.

HiFi News & Record Reviews  
June 1988

**F**rom my initial audition I was immediately impressed by the Aragon's excellent differentiation of inner detail.

Stereophile Magazine  
December 1987

**T**hat's the kind of design it is: it sounds right from the very first note. More correctly, it doesn't really sound much at all.

HiFi Answers  
December 1988

**I**n terms of price and performance, the Aragon 24K and 4004 combination is currently *the bargain* of the high end market.

Audiophile Magazine  
January 1989

**C**hassis designs are by Robbii Wessen. His historic decision to create sculptures housing the electronic components has been acclaimed by the press in Europe, Asia and America.

**A**ragon audio components are made in America in accordance with U.S. military specifications by military and medical contractors. The only audio components in the world manufactured to such high standards.

**P**artial list of audio companies who purchased Aragon for their research and development work: Apogee, Duntech, Magnepan, Martin-Logan, Monster Cable, Van den Hul USA, VPI, Bainbridge Records, Warner, Electra & Asylum Records



## POWER AMPLIFIERS

The goal was to design power amplifiers that have both the highest sound quality and the power supply capable of controlling any loudspeaker. The world press has acknowledged that the Aragon 4004 and 2004 amplifiers have achieved their intended goal. They are ranked amongst the handful of amplifiers considered the finest.

The 100 watt per channel, 2004's power supply is larger than any 200 watt per channel amplifier under \$1,500. The two toroidal transformers found in the dual mono 4004 are the same type, size and output as in amplifiers several times the 4004's price. Aragon's enormous power supplies are capable of driving any speaker load no matter how low the impedance. They will even drive a dead short!

To create one of the world's most acclaimed amplifiers requires more than brute power, it requires refined sound. To achieve that goal requires a no compromise approach to parts selection and circuit design.

The circuitry, construction and componentry are the same in the 2004 and 4004. A quad array transistor package is utilized in the pre driver stage, yielding matched transistors and equal temperature coefficients. The output transistors are matched to over 30 categories, more stringent than any other audio manufacturer.

The toroidal power transformers are annealed in nitrogen. The steel of the core is selected by grain structure. Gold plated connectors from Tiffany are used for the inputs. The output connectors are by Monster Cable.

Circuit heat dissipation is by convection. The unique design allows for proper cooling even when a shelf or component is placed on top of an Aragon amplifier.

# 2004/4004

Rated power 2004 / 4004—  
100 / 200 watts per channel  
continuous, both channels  
driven into 8 ohms 20 Hz to  
20,000 Hz at no more than  
0.06% THD.

200 / 400 watts per channel  
continuous, both channels  
driven into 4 ohms 20 Hz to  
20,000 Hz.

Specifications for both  
4004 and 2004

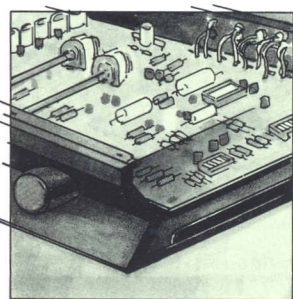
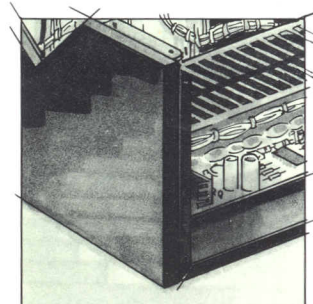
A-weighted signal  
to noise ratio . . . . . 120 dB  
referenced to  
rated power  
into 8 ohms

Damping factor . . . better than  
200 for 20 Hz  
to 20,000 Hz

Input  
Impedance . . . . . 22k ohms

Dimensions 19 x 14 x 6.5 in.

Weight . . . . . 4004 - 65 lbs.  
2004 - 45 lbs.



### PREAMP

Signal to Noise  
High Level  
Inputs . . . . . 95dB (A-wt'd)

Signal to  
Noise Moving  
Coil . . . . . 70dB (A-wt'd)

RIAA Tracking  
20 Hz to 20k Hz . . . ± 0.25 dB

High Level  
Voltage Swing . . . . . 8 V rms

Input Impedance  
(High Level) . . . . . 20k ohms

Input Impedance  
(MC Phono) . . . 10 to 47k ohms

Inputs . . . . . 6

Outputs . . . . . 2

Tape Inputs and Outputs . . . 2

Dimensions 19 x 14 x 3½ in.

Weight . . . . . 25 lbs.

### IPS

Dimensions . . 5 x 5 x 9¼ in.

Weight . . . . . 12 lbs.

## PREAMPLIFIER

The 24K's no compromise design gained it immediate acceptance as one of the world's foremost preamps. Known for its musicality and extended frequency response, this Aragon was almost two years of pure design and engineering.

The A.C. power supply is external for reduced noise and hum. It connects to the 24K via a Swiss made, gold plated contact, XLR. The DC. supply is fully dual mono. Each channel of each stage has its own independent power supply. The 11 pair of input-output connectors are chassis mount, gold plated, from Tiffany for sonic superiority and reliability. All wiring is oxygen free copper with teflon dielectric, the finest dielectric made. Component soldering is done to military standards. The switches are military grade with silver to silver contacts. The volume potentiometer is recognized as the industry standard.

All circuitry is fully discrete. Each stage's topology is expressly designed for its intended use—versus the usual approach of using one circuit topology, for all stages, with varying amounts of gain.

The moving coil section allows for a virtually unlimited choice of cartridge impedance loading at the flick of a switch. The front panel and knobs are machined from solid aluminum. There is no other preamp, anywhere near the 24K in price, that gives all this.

The IPS, an optional isolated power supply, gives the 24K a total of 30,000 mfd of capacitance. This, combined with a large transformer, yields superior low frequency performance and localization. The IPS can also upgrade the D2A.

# 24K/IPS

