

The Multi Series...



Precision
Innovation & Musicality
by

Audio Refinement

Our Musical Vision



Pre-5DSP

All Audio Refinement products have as their core objective the reproduction of music so as to be as close to the original performance as possible.

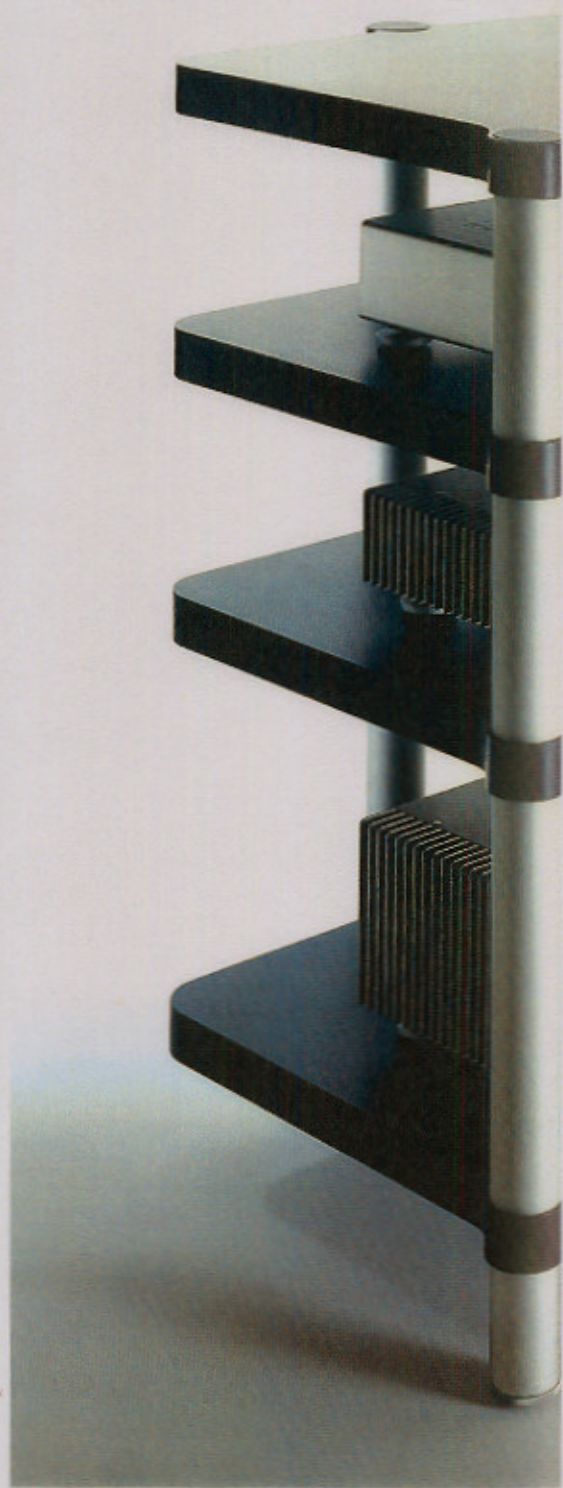
Combining thoughtful design with excruciating attention to detail have allowed our products to earn worldwide acclaim.

Our engineering and design successes are based on these following principles:

- ✔ We believe in using the highest quality semi-conductor parts available, many we make ourselves, to ensure optimum results
- ✔ We operate our designs at low thermal output levels to maximize longevity and electrical linearity.
- ✔ We believe in keeping our signal paths short.
- ✔ We believe in minimizing any and all resonant vibrations that cause distortions.
- ✔ We believe in using non-magnetic chassis and case materials to minimize low-level signal influence.



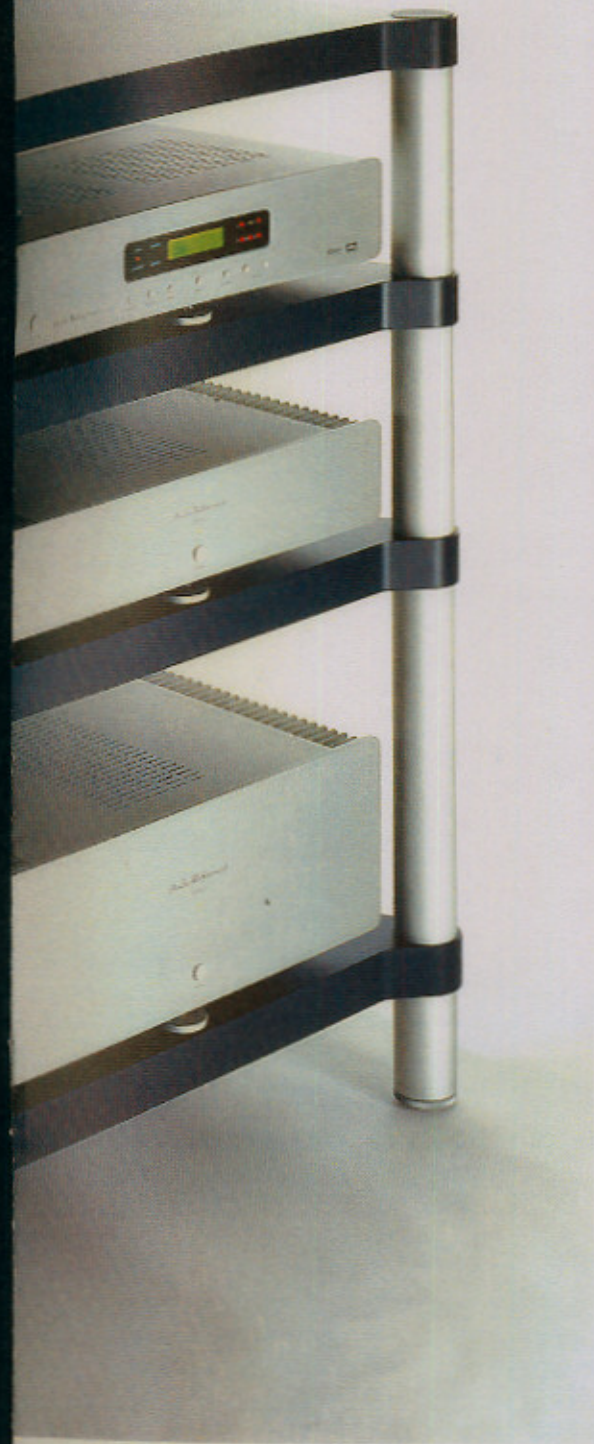
Pre-2DSP



Multi-Channel Home Theater Products for the Discr

In the past, music lovers had a difficult choice to make; incorporate multi-channel home theater products – one for music and the other for video. Today, thanks to the brilliance of French designer Yves

efinement



Our Results

Painstaking attention to every detail along with months and years of testing, and re-testing has allowed us to gain and



Multi-3

maintain customers and audiophiles alike who truly appreciate our commitment to accurate sound reproduction. In an age where marketing hype has replaced design integrity, where mass market assembly has replaced attention to detail, Audio Refinement proudly creates products for the discerning audio and videophile.

Our Promise

At its core Audio Refinement components are crafted with the value conscious, discerning Audiophile in mind. If you are looking for precision crafted components from a company that doesn't spend 90% of their resources on slick, marketing, then Audio Refinement should be your first choice. You can audition our products at any of our authorized local dealers. We are sure that once you listen, feel, and experience the ability of our products to achieve the convincing and authentic emotion the artist or film score intended, you will then truly appreciate our commitment to our components and to our customers.



Multi-5

inating Music Lover

into their music systems and suffer a severe loss of fidelity and musical realism; or create two separate
ernard Andre of YBA, Audio Refinement announces an entirely new home theater solution that preserves

Our Products

Pre-2DSP Preamp-processor



Our entry level digital preamp-processor delivers Dolby AC-3 and DTS 5.1 digital signal decoding and processing using Motorola's high performance DSP5632 chip set yielding vivid surround sound placement exactly as the musical score intended. In addition, video signals are routed and switched easily and logically for elegantly simple system incorporation.

- ▶ On-screen display
- ▶ Digital by-pass
- ▶ Four (4) digital inputs (One Toslink optical and three 75-Ohm coaxial)
- ▶ Two (2) digital outputs (One Toslink and one RCA)
- ▶ 5.1 analog input and output
- ▶ Four (4) analog RCA inputs with one (1) tape loop
- ▶ Video switching with four (4) S-Video, four (4) composite, and two (2) component inputs and one (1) outputs
- ▶ Motorola's high performance DSP56362 chipset
- ▶ Up-gradable to Motorola DSP56366 chip and dolby prologic II
- ▶ Two (2) 12-volt triggers
- ▶ Five (5) sound field memory presets to preserve your favorite playback settings
- ▶ Fused IEC component AC cable
- ▶ System remote control with discreet codes

Pre-5DSP Reference



Our statement pre-amp/processor is built to combine total system flexibility and ease of use with superior sonic and video performance, the Pre-5DSP leads the industry in value and long term performance. In addition to those design aspects found on the Pre-2DSP, The Pre-5DSP highlights these important functions:

- ▶ Comparable EX 6.1 decoding for precise rear image field stability and increased dynamics
- ▶ Six (6) digital inputs (Four 75 Ohm RCA and two Toslink)
- ▶ Two (2) digital outputs (One 75 Ohm RCA and one Toslink)
- ▶ RS232 connectivity port
- ▶ Rotary volume control and input selectors
- ▶ Purer and more powerful power supply

Our Products

Offering a unique, minimalist path to home theater performance in an ultra hi-fidelity package, the Pre-5 has no internal digital processing. Instead, this all-analog pre-amp features the highest quality semi-conductor parts laid out in a fully symmetrical design, with 5.1 analog RCA inputs for straight forward DVD or DVD-A SACD connection yielding the purest possible audio performance.

■ Pre-5 Digital 5.1 Ready Preamp

- ✔ Totally symmetrical board layout for low noise
- ✔ Custom made capacitors and resistors
- ✔ 5.1 analog RCA inputs and outputs
- ✔ Two 12-volt triggers
- ✔ Fused IEC component AC cable
- ✔ Optional remote control



High-power, high-current amplification is essential to create today's cinematic experience, especially when using low to moderate efficiency speaker designs. The Multi-2 delivers awesome control and punch without sacrificing delicacy and musical articulation. Constructed of non-ferrous cabinet materials, extensive vibration control, low thermal operating range and high current Mos-Fet semiconductor outputs, this amplifier offers the two-channel music lover a building block approach to the multi-channel 5.1 film experience by adding our three-channel amplifier in the future.

■ Multi-2 Amplifier



- ✔ 125 watts by 2 into 8 Ohms and 200 watts by 2 into 4 Ohms
- ✔ Massive toroidal transformer, isolated from the chassis
- ✔ Fully symmetrical board layout for uniform, quiet, low-noise performance
- ✔ Adjustable input sensitivity controls next to each RCA input jack
- ✔ 12-volt input for remote turn on and off
- ✔ Fused IEC component AC cable

Like it's sibling the Multi-3 offers three-channels of precise high-current performance. Use in partnership with the Multi-2 to achieve five-channels of high-performance power.

■ Multi-3 Amplifier

- ✔ 125 watts by 3 into 8 Ohm and 200 watts by 3 into 4 Ohms
- ✔ Massive toroidal transformer, isolated from the chassis
- ✔ Fully symmetrical board layout for uniform quiet, low-noise performance
- ✔ Adjustable input sensitivity controls next to each RCA input jack
- ✔ 12-volt input for remote turn on and off
- ✔ Fused IEC component AC cable



Our Products

Offering a complete five-channel, high-power amplifier solution, the Multi-5 combines all the knowledge and design of world renowned YBA products in a single chassis amplifier. Whether your goal is to vertically bi-amp a traditional pair of speakers, balancing power against finesse, or fill a room with thundering sound from five speakers, the Multi-5 amplifier may be the single best performing mid-priced amplifier on the market today.

Multi-5 Amplifier



- ✔ 125 watts by 5 into 8 Ohms and 200 watts by 5 into 4 Ohms
- ✔ Massive twin stacked toroidal transformers, isolated from the chassis
- ✔ Custom made capacitors and resistors
- ✔ Mos-Fet output design using a fully symmetrical signal path layout
- ✔ Adjustable input sensitivity controls next to each RCA input jack
- ✔ 12-volt input for remote turn on and off
- ✔ Fused IEC component AC cable
- ✔ Three point ultra stable chassis platform

A traditional series of two-channel only products, the Complete Integrated Amplifier, Tuner and CD Player have gained enthusiastic acclaim by music lovers and equipment reviewers worldwide. If you would like to enjoy a second dedicated two-channel stereo system capable of truly hi-end fidelity somewhere else in your home please consider this trio of exceptionally well made, musically satisfying electronics.

- ✔ Complete Integrated Amplifier
50 watts per side
Bi-polar output devices
Silent R-core transformer
- ✔ Complete Tuner
- ✔ Complete CD Player
- ✔ Optional System Remote Control

All Complete Series products feature non magnetic chassis materials, precision capacitors and resistors, extensive resonance isolation techniques and low thermal operations for longevity and reliability.

The Complete Series



Warranty

All Audio Refinement products carry a full manufacturers parts and labor warranty; pre-amplifiers, tuners, and amplifiers are protected for a three-year period, while the Complete CD player is protected by a two-year warranty period. In the unlikely event that a piece of Audio Refinement electronics needs servicing, please contact your authorized Audio Refinement

Our Products



Pre-5

Specifications	
Bandwidth	5Hz-400KHz±/-2dB
Signal to Noise Ratio	100 dB
Input Impedance	Standard
Output Impedance	<20 Ω
Power Consumption	6.5W
Max Output Voltage	3.8V
Dimensions(mm)	442W×320D×105H
Weight	5.8 kg



Multi-2

Specifications	
Bandwidth	10Hz-60KHz±/-3dB
Harmonic Distortion	<0.05% 1W
Signal to Noise Ratio	>90 dB
Power Output	125W×2 8 Ω
Power Consumption	350W
Dimensions(mm)	442W×320D×105H
Weight	10.8 kg



Pre-5DSP

Specifications	
Frequency Response	10 Hz- 20KHz
Harmonic Distortion	<0.015%
Impedance	
Analog Input	10 KΩ
Digital Input	0.5VP-P/75Ω
Signal / Noise Ratio	90dB
Video Input Impedance	10VP-P/75Ω
Component Video:	
R-Y signal B-Y signal	0.5VP-P/75Ω
Y-Signal	10VP-P/75Ω
Power Consumption	45W
Dimensions(mm)	442W×320D×105H
Weight	4.8 kg



Multi-3

Specifications	
Bandwidth	10Hz-60KHz±/-3dB
Harmonic Distortion	<0.05% 1W
Signal to Noise Ratio	>90 dB
Power Output	125W×3 8 Ω
Power Consumption	500W
Dimensions(mm)	442W×320D×105H
Weight	11 kg



Pre-2DSP

Specifications	
Frequency Response	10 Hz- 20 KHz
Harmonic Distortion	<0.015%
Impedance	
Analog Input	10 KΩ
Digital Input	0.5VP-P/75Ω
Signal / Noise Ratio	90dB
Video Input Impedance	10VP-P/75Ω
Power Consumption	45W
Dimensions(mm)	442W×320D×105H
Weight	4.5 kg



Multi-5

Specifications	
Bandwidth	10Hz-60KHz
Harmonic Distortion	<0.05% 1W
Signal to Noise Ratio	>90 dB
Power Output	125W×5 8 Ω
Power Consumption	850W
Dimensions(mm)	442W×320D×177H
Weight	20.5 kg



Complete

Specifications:	
Bandwidth:	10Hz-40KHz+/-3 dB
Harmonic Distortion:	<0.02% 1W
Signal to Noise Ratio:	>95 dB
Power Output:	50Wx2 8 Ω
Power Consumption:	250W
Dimensions:	442Wx320Dx105H (mm)
Weight:	8 kg



CD Complete

Specifications:	
Frequency Response:	20Hz-20KHz+/-0.5 dB
Harmonic Distortion:	<0.02%
Channel Separation:	>95 dB
Signal to Noise Ratio:	>100 dB
D/A Converter:	18 bits
Digital Output:	0.5V
Analog Output:	2V RMS
Power Consumption:	25W
Dimensions:	442Wx320Dx105H (mm)
Weight:	5.5 kg



Tuner Complete

Specifications:	
FM	
Frequency Response:	30-15KHz+/-0.5 dB
Sensitivity (Monol):	12.5 dB (12uV (75 Ω))
Signal to Noise Ratio:	75 dB (Monol, 70dB (St))
Harmonic Distortion:	0.07% (Monol, 0.25% (St))
Capture Ratio:	15 dB
Spurious Rejection Ratio:	95 dB
IF Response Ratio:	90 dB
Stereo Separation:	50 dB
AM	
Sensitivity:	350uV/m
Selectivity Wide/Narrow:	27 dB
Power Consumption:	15W
Dimensions:	442Wx320Dx105H (mm)
Weight:	4.5 kg

YBA/PHLOX ELECTRONIQUE B.P.12
F-91440 BURES-SUR-YVETTE FRANCE
TEL(33) | 60 12 51 00 FAX(33) | 60 12 50 60

Audio Refinement Electronics can be auditioned at the following quality retailer: