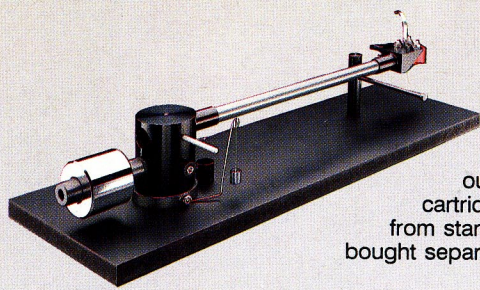


## **NAIM AUDIO PREVIEW**

A new look at playing beautiful music

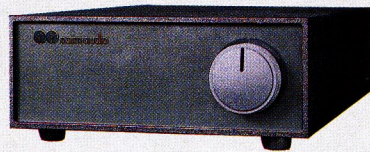
**AMPLIFIERS  
LOUDSPEAKERS  
TUNERS  
TONEARM**

Looks different  
Sounds even better  
Compatible in previous systems

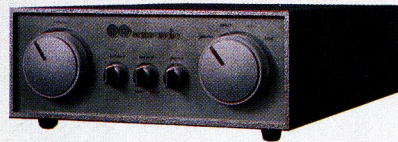


**New ARO tonearm** frees the performance of your cartridge. The ARO has been engineered to give precise and delicate support at audio frequencies with entire freedom of movement outside them. Our unique design allows the cartridge to be driven by the record exactly as it needs from start to finish. The removeable arm tube can be bought separately, making it easy to interchange cartridges.

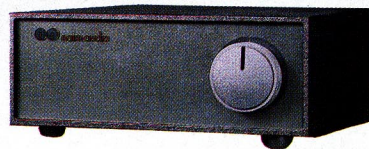
**NAT 01 and 02.** Broadcasting can be the very best source of all, but we had to develop our own tuners to find this out. Many live and taped broadcasts come as a revelation. To discover their astonishing quality listen to a Naim NAT 01 or NAT 02 tuner. The NAT 01 uses the NA PST power supply. The simpler NAT 02 is self-powered. A good aerial is very important, and we are happy to advise you.



**The NAIT 2** integrated amplifier brings Naim Audio quality to people buying their first serious hi-fi system. Low continuous power output is balanced by a very large peak current capacity, so there are no restrictions on the type of loudspeakers that may be used. Upgrading is easy. A simple conversion allows the NAIT 2 to be used as a preamp for the NAP 90 or 140 power amplifiers.



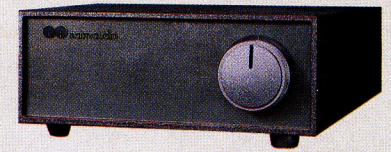
**NAP 90.** Accurate amplification comes from years of expertise in balancing opposing factors. Naim amps have low harmonic distortion, low noise, and wide power bandwidth without slew rate limiting. They drive reactive loads without any appreciable change in distortion. The 90 is the smallest of our separate power amplifiers but will drive almost any speaker. Output stages are protected by circuitry that measures power dissipation.



**The NAC 62** is a simple preamplifier to suit the basic needs of the serious listener. The phono input can be altered for different cartridges, or used with variable high-level boards for exact matching to other equipment. Tuner, tape and auxiliary inputs and a mute/monitor switch meet remaining requirements. Naim preamplifiers accept the entire input of the source without any overloading, and you won't need to degrade the signal with tone controls and filters.

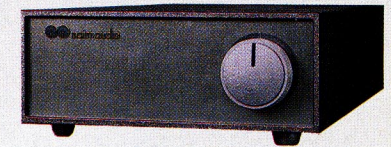


**HI-CAP** power supply. High performance preamps need a remote power supply. Provision of a 24V regulated supply in the NAP 90 and 140 meets this need without use of a separate unit. The HI-CAP with its big specialised transformer goes further. This large, very quiet dual supply is designed to let the preamp reach its fullest potential. Use of a HI-CAP is optional in systems based on the 90 or 140, and a standard requirement with the 250 or 135.

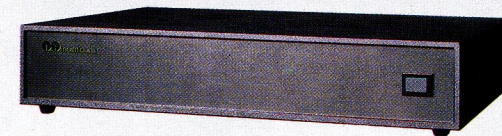


**The NAC 72** is our most advanced preamp, with full facilities - two tape inputs, tape monitor, tuner, and two fully convertible inputs for phono, CD or other ancillary equipment. New enhanced circuitry includes a matched and time-aligned filter. Naim preamps use BNC sockets for interconnection with pick-up cartridges, for greater safety and compatibility. On turn-on, output to the amplifier is delayed until normal operating conditions are reached.

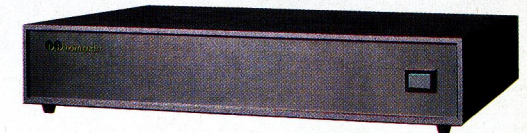
**The NAP 140** power amplifier has dual rectification, each channel having its own pair of smoothing capacitors. As with the NAP 90, a power supply for the preamplifier is incorporated. Naim amplifiers have large toroidal mains transformers developed over many years of close co-operation with our manufacturers. We use locking DIN interconnects, and supply our own specially designed plugs for connection to loudspeakers.



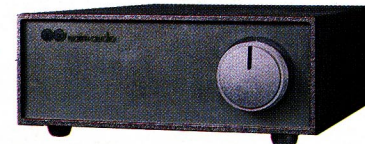
**The NAP 250** is Naim's uniquely evolved and refined classic amplifier. Each of its four regulated power supplies can deliver more than 15 amps. Our exceptionally fast and robust output transistors are made for us to our own specifications. Our standard protection circuitry is augmented by a power supply trip which operates if 18 amps is demanded for more than 10 micro-seconds. Heatsink temperature is monitored by a thermal cut-out which resets automatically.



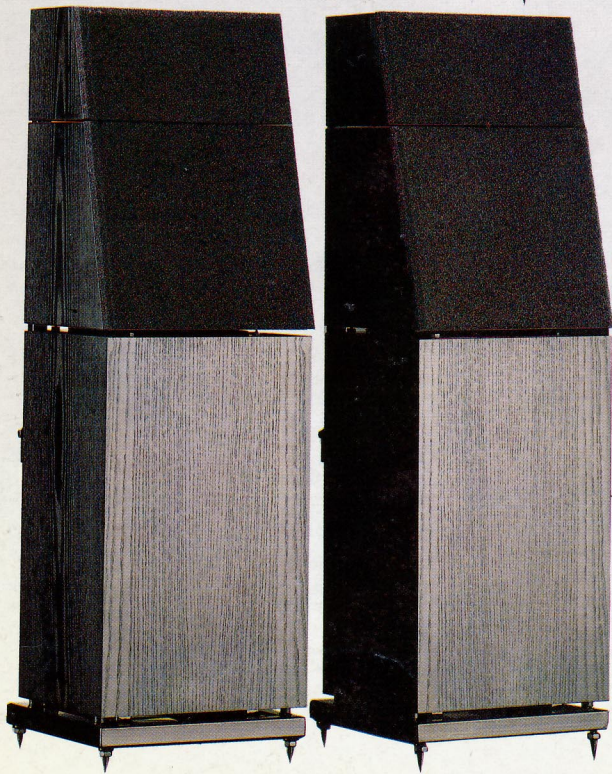
**The NAP 135** is a superb fan-cooled mono amplifier developed from the 250. The fan is temperature-controlled to avoid noise when playing at lower volumes, and maximum cooling is obtained from our very special high-efficiency heatsink. Mono operation devotes a complete amplifier to each channel. The NAP 135 brings the ultimate in power, speed and control to the finest systems.



**The NAXO 2 and 3** electronic crossovers for active loudspeakers. Frequencies are defined by a series of active filters designed with particular attention to transient handling. In an active system each drive unit has its own power amplifier with greatly increased potential performance. It is very important that every component should be of the highest quality.



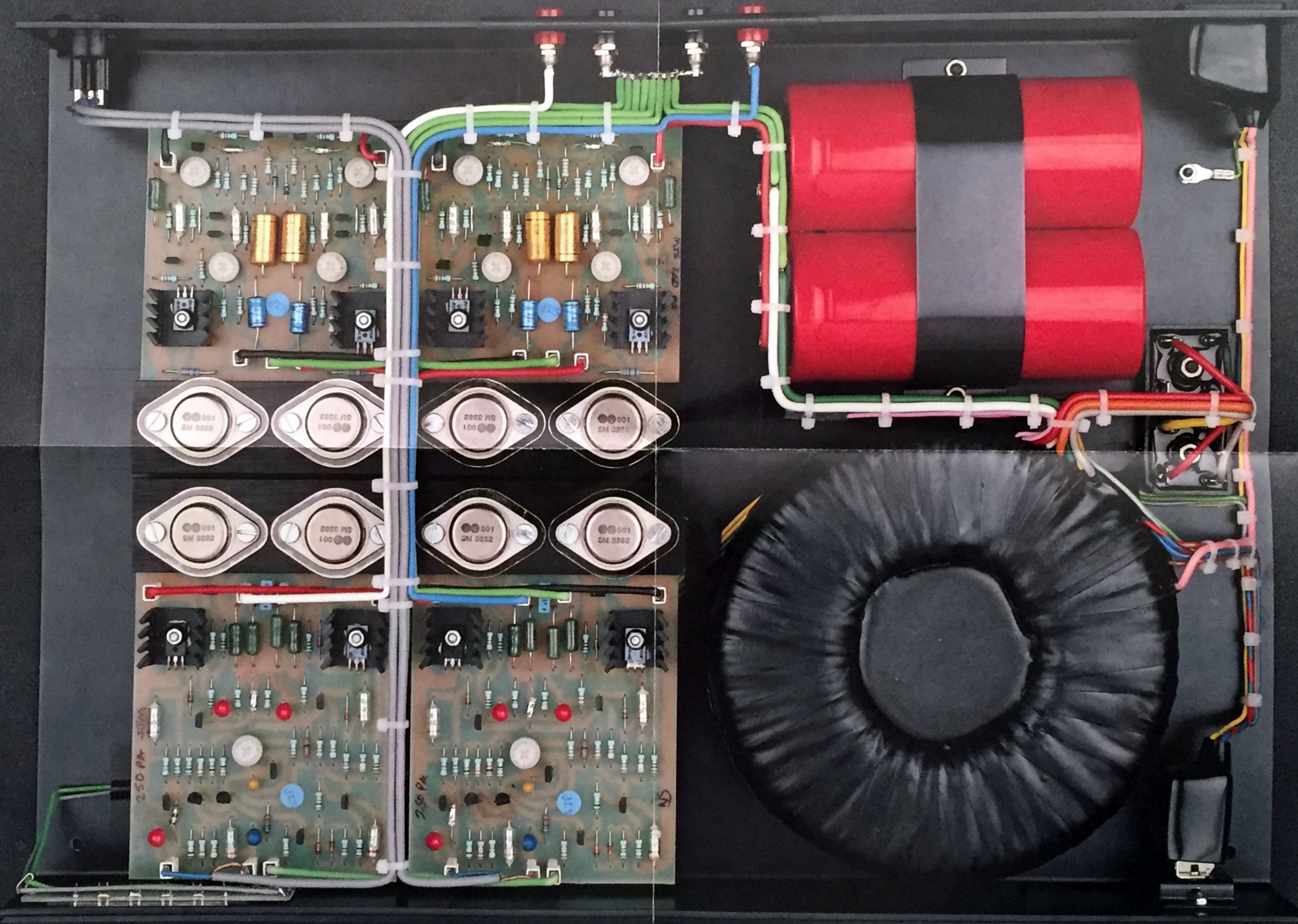
**IBL** Loudspeaker, outwardly simple, inwardly an amazingly precise series of solutions to complex problems. A radically new look at loudspeaker design was long overdue when we evolved our integral stand speakers. We believe that loudspeakers should be easy to drive, easy to site, and completely happy in a wide variety of real-life environments. We don't believe that size solves problems. We do believe in rigorous attention to the greatest possible precision in carrying out the designer's intentions. We consider stand, cabinet, and even the acoustic foam front as a single inter-related system. The IBL's natural elegance comes from true integrity of design. Its unusually small floor requirement will make it welcome in many listening rooms.



**The SBL** is a two-way dynamic speaker capable of the highest performance. Three separate cabinets are mounted onto the integral stand. Their relatively small size allows great rigidity and a low radiating area compared to that of the drive unit. Each driver is isolated in its own enclosure. The third cabinet acts as an acoustic load for the mid/bass driver, regaining the extended low frequency performance typical of good large-cabinet speakers. Our speakers use controlled leakage of air to position the voice-coil correctly under differing conditions of temperature and pressure inside the cabinet. Our unique mass-damping systems and acoustic resistance units control resonances at source. External crossovers screw onto the rear of the speakers and can be mounted or removed in a few minutes, for the simplest possible conversion from passive to active.

 naim audio

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Salisbury, England SP1 2LN  
Tel: 0722 332266



Two channel sections of the amplifier circuit board, each featuring a pre-amplifier stage with a 2N3638 JFET, a 2N3055 BJT, and a 6N139 optoisolator. The output stage of each channel uses a 2N3055 BJT. The board is populated with numerous resistors, capacitors, and integrated circuits.

Four silver electrolytic capacitors, each labeled "100 001 SM 3282", arranged in two rows of two. These capacitors are used for power supply filtering and coupling.

Two channel sections of the amplifier circuit board, each featuring a pre-amplifier stage with a 2N3638 JFET, a 2N3055 BJT, and a 6N139 optoisolator. The output stage of each channel uses a 2N3055 BJT. The board is populated with numerous resistors, capacitors, and integrated circuits.

A large toroidal transformer with a red core and a black center, used for power supply regulation. It is connected to the power supply rails via green, blue, and red wires.

A large toroidal inductor with a black core, used for audio signal processing. It is connected to the audio signal rails via green, blue, and red wires.