

world class sound... with vision

CD555 world-class reference CD player

The CD555, along with the CD555PS power supply, represents Naim's finest CD player to date. The near-obsessive attention to detail – and more – results in what we believe to be the ultimate in musical performance from a CD player.

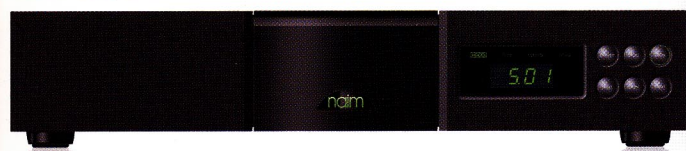


Specification

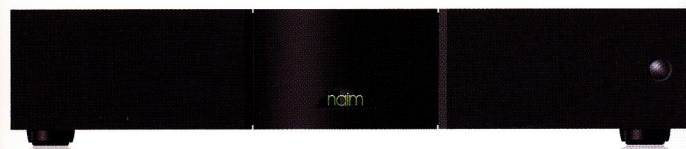
Frequency response
Output level
Output impedance
Phase response
De-emphasis
Distortion and noise
Mains supply
CD555 case size
CD555PS case size

10Hz – 20kHz, +0.1/-0.5db
2.0V rms at 1kHz
10 Ω maximum
Linear phase, absolute phase correct
 ± 0.1 dB referred to main response
<0.1%, 10Hz – 18kHz at full level
100V, 115V, 230V; 50 or 60Hz
114 x 432 x 314mm (H x W x D)
87 x 432 x 314mm (H x W x D)

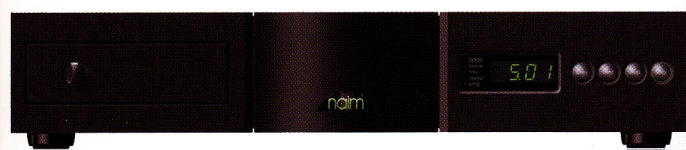
CDS3 Player



XPS Power Supply



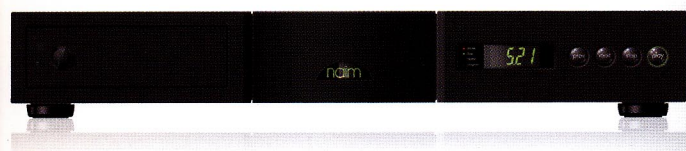
CDX2 Player



The world-class CDS3 CD player is a two-box design configured as a separate transport and XPS power supply. The transport and circuit boards are mounted on their own dedicated suspension systems.

The XPS power supply can also be added to the single-case CDX2 CD player, providing a substantial improvement in sound quality and an upgrade path to the CDS3.

CD5x & CD5i Players

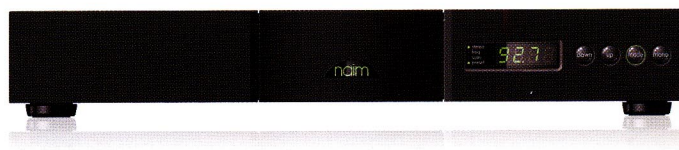


The CD5x CD player is designed to be the best in its class. It has a large new dedicated toroidal transformer and can be upgraded by the addition of a Flat-Cap 2x or Hi-Cap power supply. The CD5i sets a new reference standard at the entry point into high-quality compact disc replay. It includes RCA phono sockets alongside the traditionally used DIN sockets, and combines fabulous music-making ability with excellent build quality.

Specification

Frequency response	10Hz – 20kHz, +0.1/-0.5db
Output level	2.1V rms at 1kHz
Output impedance	10Ω maximum
Phase response	Linear phase, absolute phase correct
De-emphasis	±0.1dB referred to main response
Distortion and noise	<0.1%, 10Hz -18kHz at full level
Mains supply	100V, 115V, 230V; 50 or 60Hz
CDS3, XPS & CDX2 case sizes	87 x 432 x 314mm (H x W x D)
CD5x & CD5i case sizes	70 x 432 x 301mm (H x W x D)

NAT05 Tuner

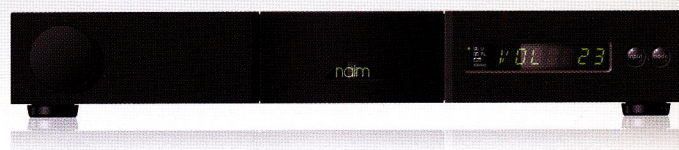


The NAT05 continues our tradition of producing the best-sounding tuners in the world, based on technology developed and refined for over 20 years. It is remote-controlled and has multiple presets for all your favourite stations. Clear and articulate, when correctly installed with a suitable aerial the NAT05 makes music like only a Naim tuner can.

Specification

Tuning range	VHF/FM 87.5–108MHz
Output level	250mV per channel at 100% modulation
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case size	70 x 432 x 301mm (H x W x D)

AV2 Processor & NAPV 175 Three-Channel Power Amplifier

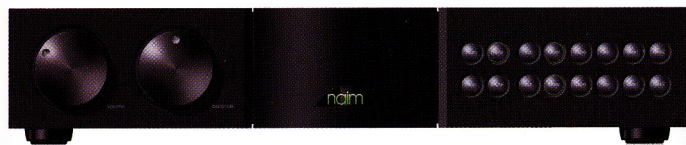


The Naim AV2 can be used either as a high-quality preamplifier or processor in addition to an existing stereo system. For example, the NAIT 5i, when used with the AV2, will amplify the right and left channels. The remaining surround and centre channels are amplified using our matching three-channel power amplifier, the NAPV 175. Please note that for enhanced 6.1 or 7.1 surround sound a further NAP150x will be required.

Specification

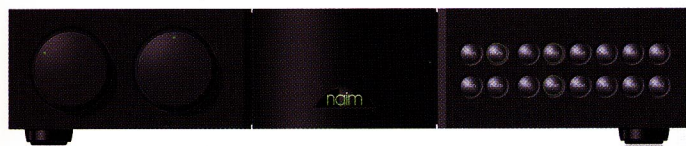
Digital input frequencies	32kHz, 44.1kHz, 48kHz, 96kHz
Digital input connector	coax RCA and optical Toslink
Digital input impedance	75Ω
Digital input level	Coax – greater than 200mVpp, Optical –27 to 14.5dBm
Digital output format	SPDIF
Digital output connector	RCA
Digital output impedance	75Ω
Digital output level	550mVpp
Analogue input connector	RCA and DIN
Analogue input impedance	47kΩ
Analogue input level nominal	2V rms
Analogue frequency response	20Hz – 20kHz
Compatibility	DB, DTS L3, DTS NEO 6, Dolby AC3, Dolby PLII, Dolby Digital EX.
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case size	70 x 432 x 301mm (H x W x D)

NAC 552 Preamp



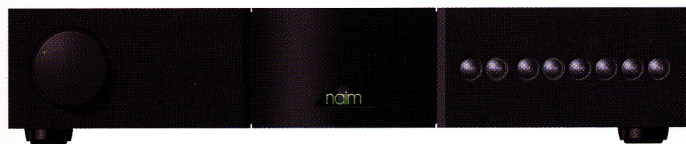
The NAC 552 is by some distance the best Naim preamplifier ever, and has some claim therefore to be the very best preamplifier anywhere, period. It is as much an advance on its predecessors as the NAP 500 power amplifier, demonstrating clearly that we have by no means reached the limits of music reproduction. It includes the NAC 552PS power supply and FLASH system remote.

NAC 252 & NAC 282 Preamp



The NAC 252 combines stunningly musical and accurate hi-fi reproduction with extensive flexibility. The ten independently regulated supply voltages are fed from the matching Super-Cap power supply. An improved earthing arrangement has resulted in an entirely new circuit topology. The NAC 282 includes the NAPSC, which independently powers the digital and control circuits while the audio circuits can be fed from a NAP 150x or NAP 200 power amplifier or from a stand-alone power supply such as the Flat-Cap 2x, Hi-Cap or Super-Cap.

NAC 202 Preamp

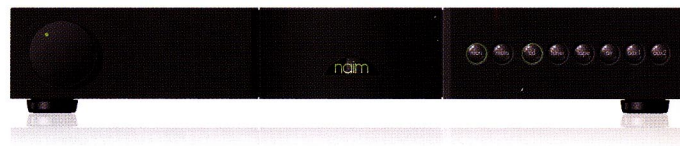


The NAC 202 is the preamplifier gateway to our Reference Series. It can be upgraded by adding the NAPSC which independently powers the digital and control circuits and by adding a stand-alone power supply such as the Flat-Cap 2x, Hi-Cap or Super-Cap. It also has a user-configurable unity-gain AV input as featured on all Naim preamplifiers.

Specification

Input sensitivities auxiliary inputs (tuner, tape, CD, etc)	75mV, 100k Ω
Overload margin, on all inputs at all audio frequencies	40dB
Output levels, tape	75mV, 600 Ω
Main outputs	0.775V, <50 Ω
Case sizes	87 x 432 x 314mm (H x W x D)

NAC 122x Preamp

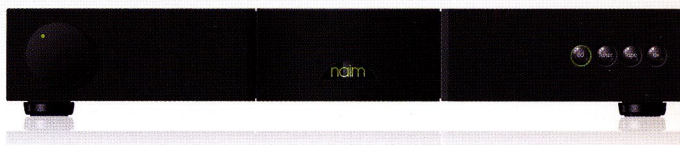


The new NAC 122x takes its inspiration from our flagship preamplifiers and is designed to offer great sound and useful features in an affordable, compact and flexible unit. A totally new main board design improves performance using input relay switching and now integrates a subwoofer output. The NAC 122x can be powered directly from a NAP 150x or a NAP 200 power amplifier and later upgraded by adding a Flat-Cap 2x or Hi-Cap power supply.

Specification

Input sensitivities auxiliary inputs (tuner, tape, CD, etc)	75mV, 47k Ω
Overload margin, on all inputs at all audio frequencies	35dB
Output levels, tape	75mV, 600 Ω
Main outputs	0.775V, <50 Ω
Case size	70 x 432 x 301mm (H x W x D)

NAIT 5i Integrated Amplifier



The NAIT 5i is the latest incarnation of our famous integrated amplifier and borrows many of the latest Naim amplifier innovations to become the finest-sounding integrated ever to carry our logo. It delivers 50W per channel, each watt with Naim's legendary rhythmic drive and musical integrity. The Nait 5i incorporates Phono socket inputs alongside DIN as well as an AV input with unity gain, and offers the possibility of use with a wide range of speaker cable types.

Specification

Input sensitivities auxiliary inputs (tuner, tape, CD, etc)	225mV, 20k Ω
Overload margin, on all inputs at all audio frequencies	35dB
Output levels, tape	225mV, 100 Ω
Power output continuous, 8 Ω	50W/channel, transient 300VA
Mains supply	100–120V, or 220–240V; 50 or 60Hz
Case size	70 x 432 x 301mm (H x W x D)

n-Vi all-in-one entertainment centre

The n-Vi is everything you need in one convenient box: DVD and CD player, AV processor, audio pre-amplifier and a five-channel audio power amplifier.

Apart from a screen, the only extras needed are speakers; n-SAT, n-CENT and n-SUB are a perfect match. For full specifications on the 5.1 surround sound package see pages 14 & 15.



Specification

Media supported	DVD-Video, DVD-Audio, DVD+/-R, DVD+/-RW, CD Audio, CD-RW, CD-R
Upgrades	Optional DAB/FM tuner Integrated clock/timer
Video outputs	DVI digital video output for direct digital display connection (HDCP-encoded) S-Video, RGB/composite/S-Video/YUV on Scart BNC hi-definition analogue video output Faroudja progressive scan chip set for a smooth, solid and detailed picture
Video features	Simultaneous progressive scan on the BNC high definition output and interlaced video on Scart video outputs (RGB/YUV, S-Video or composite) Ideal for a back-room video monitor or display set-up

Audio in/outputs	Three external analogue and three external digital audio inputs for playback of external sources (digital TV, iPod, tape etc) Pre-amplifier output for adding external amplifier for main L & R channels or integrating with existing 2-channel system Subwoofer output RS232 port 3.5mm stereo jack socket Audio data straightener using a voltage control crystal oscillator (VCXO) for low jitter audio conversion High-performance Burr Brown 6-channel enhanced multi-level delta-sigma DACs (up to 192kHz/24bit)
Mains supply	100-115V or 220-240V; 50 or 60Hz 600W max power consumption and 2W standby
Case size	87 x 432 x 314mm (H x W x D)

iPod is a trademark of Apple Computer Inc

DVD5 Player

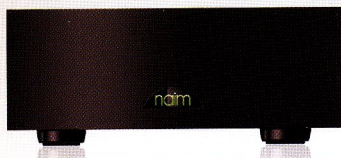


Like numerous Naim source components before, the DVD5 raises the bar – performing with DVD, DVD-Audio and CD media to a level well beyond its competition. It establishes a new reference level for DVD video quality combined with truly versatile, upgradeable and standard-setting musical performance. The DVD5 supports DVD-Video, DVD-Audio, DVD+/- R, DVD+/- RW, CD Audio, CD-RW and CD-R.

Specification

Media supported	DVD-Video, DVD-Audio, DVD+/-R, DVD+/-RW, CD Audio, CD-RW, CD-R
Video outputs	Digital Visual Interface (DVI) with HDCP copy protection RGB/RGBHV (for non-Macrovision-encoded discs) via BNC, 75Ω YPbPr via BNC, 75Ω RGB interlaced (for non-macrovision encoded discs) via Scart, 75Ω YPbPr interlaced via Scart, 75Ω S-Video via 4 pin DIN, 75Ω Composite via Scart, 75Ω
Video features	Automatic PAL or NTSC playback and conversion Up to five different format simultaneous video outputs 16:9 and 4:3 aspect ratio support, video zoom support Picture adjustment including saturation, contrast and position
Audio outputs	Two digital coax and two digital optical 2V rms analogue stereo from 24bit, 192kHz re-clocked DACs via 5-pin DIN and stereo phono sockets Up to 7.1 channels with multi-channel audio upgrade fitted, 24bit/96kHz via DIN sockets
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case size	70 x 432 x 301mm (H x W x D)

SNAXO 362 & SNAXO 242 Active Crossovers



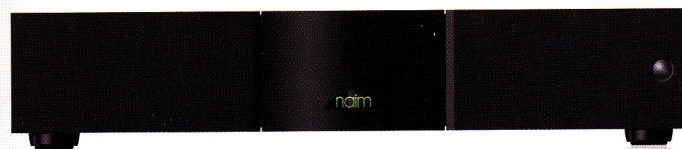
The SNAXO 362 is our three-way, 18dB/octave fixed-frequency crossover. It can be used in tri-amped and six-pack systems, with either three stereo or six mono power amplifiers. The output level to each loudspeaker drive unit can be adjusted by means of enclosed cermet potentiometers mounted inside the unit.

The SNAXO 242 can be used in bi-amped systems with two stereo amplifiers, or in a four-pack system using four mono amplifiers. Power to either unit is supplied by a Flat-Cap 2x, Hi-Cap, or Super-Cap power supply.

Specification

Input impedance	>10kΩ
Output impedance	<50Ω
Case sizes	87 x 207 x 314mm (H x W x D)

Super-Cap Power Supply



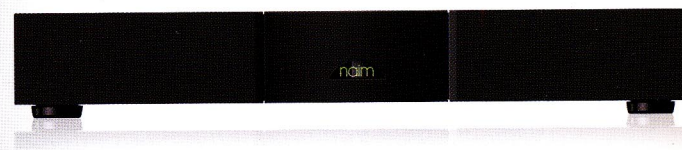
The Super-Cap can be used to power all of the Naim preamplifiers (except the NAC 552), phono stages and active crossovers and is the only choice for supplying power to the NAC 252 preamplifier. Each of the multiple power outputs utilises specially selected regulators for optimum performance. The benefits from adding a Super-Cap power supply are fundamental to the music: improved timing as well as an increase in dynamic range, clarity and order.

Hi-Cap Power Supply



The Hi-Cap is a dedicated dual 24V power supply designed for use with the CD5x CD player, NAC 282, NAC 202 and NAC 122x preamplifiers, and our SNAXO crossovers. Although some Naim power amplifiers provide a very adequate power supply to the partnering preamplifier, the use of a separate ultra-low-noise Hi-Cap brings substantially increased musicality to the whole of the system. It can also be used to power our Prefix and Stageline phono stages and the Headline headphone amplifier.

Flat-Cap 2x Power Supply

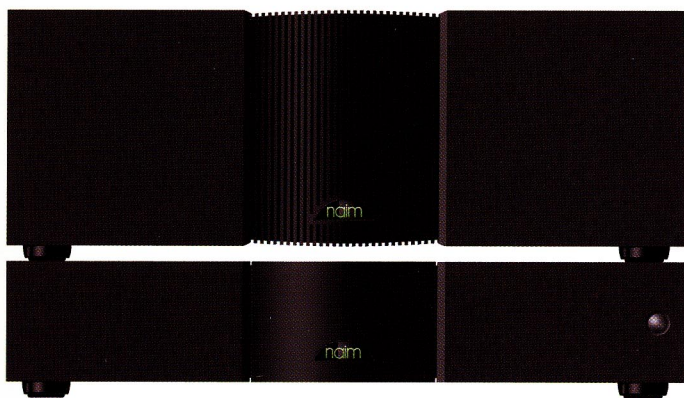


The Flat-Cap 2x provides exceptionally low-noise, dual power supplies for two separate components, such as a NAC 122x and a CD5x. Its transformer has two separate secondary windings to isolate each of the dual supplies from the other. It can be used with the NAC 282, NAC 202 and NAC 122x preamplifiers as well as our SNAXO electronic crossovers to provide an effective, low-cost entry into active system operation. The Flat-Cap 2x can also be used to power our Prefix and Stageline phono stages and the Headline headphone amplifier.

Specification

DC outputs	24V
Mains supply	100V, 115V, 230V; 50 or 60Hz
XPS & Super-Cap case sizes	87 x 432 x 314mm (H x W x D)
Hi-Cap case size	87 x 207 x 314mm (H x W x D)
Flat-Cap 2x case size	70 x 432 x 301mm (H x W x D)

NAP 500 Power Amplifier & Power Supply

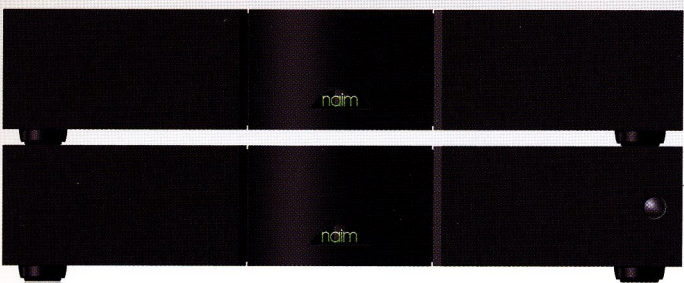


The NAP 500 completely redefines power amplification, thanks to a number of unique features such as a high-performance external power supply, specially designed transistors and a power output of over 140 watts per channel into 8 ohms. However, what really sets our flagship power amplifier apart cannot be expressed in numbers. The NAP 500 epitomises realism, and its fast, agile and extremely powerful performance leaves nothing to be desired.

Specification

Power output continuous, 8Ω	140W/channel
Transient	700VA
Voltage gain	+29dB
Input impedance	18kΩ
Frequency response	-3dB at 1.5Hz & 100kHz
Mains supply	100V, 115V, 230V; 50 or 60Hz
NAP 500 case size	160 x 432 x 374mm (H x W x D)
NAP 500PS case size	87 x 432 x 314mm (H x W x D)

NAP 300 Power Amplifier & Power Supply

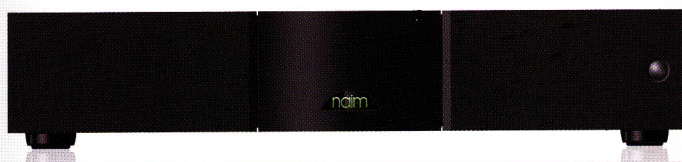


Like our flagship amplifier, NAP 500, the NAP 300 is a stereo two-chassis amplifier, one case containing the audio amplifier and the second housing the regulated power supply. It also uses the same 007 transistors that were custom-designed for the NAP 500. The NAP 300 has a huge 500VA transient ability, and a power output per channel of 90W into 8 ohms. The NAP 300 delivers awesome power without sacrificing any speed or agility.

Specification

Power output continuous, 8Ω	90W/channel
Transient	500VA
Voltage gain	+29dB
Input impedance	18kΩ
Frequency response	-3dB at 2Hz & 65kHz
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case sizes	87 x 432 x 314mm (H x W x D)

NAP 250, NAP 200 & NAPV 145 Power Amplifiers



NAP 150x & NAPV 175 Power Amplifier



The latest version of the Naim NAP 250 uses a circuit design with an improved earthing arrangement, built on a high-quality, anti-resonance main audio circuit board. It can deliver 80W per channel into 8 ohms and has a massive 400VA transient ability. The NAP 200 can be used in a two-box amplifier configuration with a Naim preamplifier such as the NAC 202, and provides 70W per channel into 8 ohms. The new NAP 150x has separate transformer windings for both channels and a new toroidal transformer for improved regulation as well as an up-rated preamplifier power supply to improve performance.

Like the new NAP 250, the NAPV 145 provides the perfect solution for high-quality multi-channel or active audio systems. It uses the same 007 transistors that were custom-designed for the NAP 500. These outstanding components each provide up to 80 Amps and 350 watts, and the NAPV 145 transformer has a massive 400VA transient ability.

Specification

NAP 250 & NAPV 145 Power Amplifiers	
NAP 250 power output continuous, 8Ω	80W/channel
NAPV 145 power output continuous, 8Ω	80W (mono amplifier)
Transient	400VA
Voltage gain	+29dB
Input impedance	18kΩ
Frequency response	-3dB at 2Hz & 65kHz
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case sizes	87 x 432 x 314mm (H x W x D)

NAP 200 Power Amplifier

Power output continuous, 8Ω	70W/channel
Transient	300VA
Voltage gain	+29dB
Input impedance	18kΩ
Frequency response	-3dB at 2Hz and 65kHz
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case size	87 x 432 x 314mm (H x W x D)

NAP 150x & NAPV 175 Power Amplifiers

NAP 150x power output continuous, 8Ω	50W/channel
NAPV 175 power output continuous, 8Ω	50W/channel (3 channels)
Transient	250VA
Voltage gain	+29dB
Input impedance	18kΩ
Frequency response	-3dB at 5Hz and 40kHz
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case sizes	70 x 432 x 301mm (H x W x D)

5.1 surround sound package

With the launch of n-SATs, n-CENT and n-SUB, a Naim AV system need no longer stop at the power amplifiers. All the traditional engineering and acoustic integrity of Naim hi-fi speakers in an AV range means that, at last, a home theatre system can stay Naim from source to ears.



n-SUB Specification

Frequency response	20Hz to 250Hz
Power	350W
Inputs	2 x line level, 1 x speaker level, independently selectable; 6 programmes per input; RS232 port; Multiple n-SUBs can be linked together
Control	Remote handset or front panel
Interface	Direct adjustment or pre-programmed preset selection
Dimensions	385 x 385 x 393mm (H x W x D)

n-CENT Specification

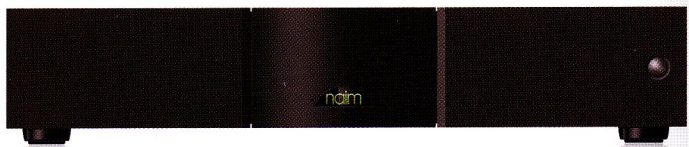
Frequency response	50Hz to 20kHz
Sensitivity	87dB for 1W at 1 metre
Impedance	6Ω
Power handling	125W (music programme)
Dimensions	160 x 430 x 300mm (H x W x D)



n-SATs Specification

Frequency response	50Hz to 20kHz
Sensitivity	87dB for 1W at 1 metre
Impedance	6Ω
Power handling	100W (music programme)
Dimensions	285 x 200 x 208mm (H x W x D)

NAP 6-50 Power Amplifier

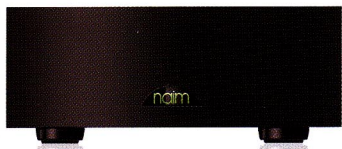


The NAP 6-50 is designed to provide six channels of Naim quality amplification for users installing multi-room systems. It provides the ability to drive long and varied speaker cables, and has electronically controlled fan cooling. All of the six power amplifier sections are a version of the new circuitry developed for the NAP 500.

Specification

Power output continuous, 8Ω	30W/channel (6 channels in 3 pairs)
Control line	4.5 – 12V
Standby power consumption	<1W
Mains supply	100V, 115V, 230V; 50 or 60Hz
Case size	87 x 432 x 314mm (H x W x D)

Armageddon Turntable Power Supply



The Armageddon power supply utilises a large toroidal transformer and a capacitor network to drive turntable motors with a minimum of noise and vibration.

Uni-pivot Tonearm



The Naim Uni-pivot Tonearm has been engineered to give precise and delicate support at audio frequencies whilst maintaining complete freedom of movement outside of them. The arm tube can be purchased separately allowing easy cartridge changing.

Specification

Effective length	230mm,
Overhang	18mm,
Cartridge weight	5.5–12gm
Pivot centre to platter centre	212.5mm

Prefix

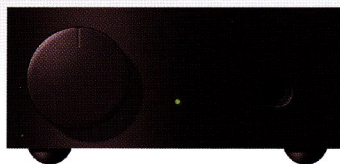
The Prefix is our separate remote phono stage designed to be fitted inside the plinth of a suitable turntable for use with moving coil cartridges. A variety of power supply options enable it to meet the demands of the very best record playing systems.

Stageline



The Stageline is a separate phono stage, available in either moving coil or moving magnet versions, designed to optimise sound quality from a wide range of cartridges. It can be powered either from a special socket on the rear of a Naim preamplifier or by a separate supply such as the i-Supply or Flat-Cap 2x for even better performance.

Headline



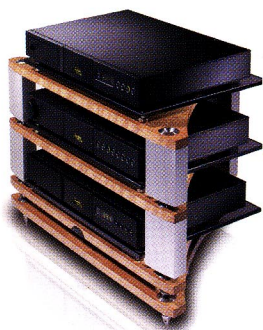
The Headline is an amplifier designed to offer optimum performance from a variety of high-impedance headphones. Fitted with a captive interconnect lead, it takes its signal from the tape socket of any of our preamplifiers. The Headline must be used with an external Naim power supply. For most requirements this can be a NAPSC, but performance can be greatly enhanced if a Flat-Cap 2x or Hi-Cap is used instead. Please note that a special SLIC lead is required to connect the Headline to a Flat-Cap 2x or Hi-Cap.

NAPSC Power Supply



The NAPSC power supply comes as a standard extra with the NAC 282 preamplifier and can be bought as an upgrade for the NAC 202 preamplifier. The NAPSC supplies power to all the digital circuitry used for the preamplifier switching. It can also be used to power the Headline headphone amplifier.

Fraim

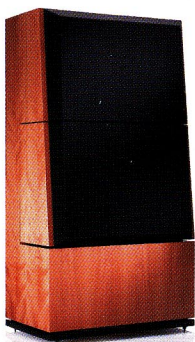


Optimum installation is a vital element of hi-fi performance and the Fraim provides both an appropriately engineered and beautiful-looking solution to equipment support. There are different options of layer height, upright colour and shelf finish, and extra levels can be added very easily.

Specification

Shelf dimensions	452 x 340mm (W x D)
Overall dimensions	642 x 441mm (W x D)
Level height	105mm (standard) 190mm (intermediate) 254mm (extended)

DBL Loudspeaker



The highly acclaimed, fully decoupled, three-way DBL loudspeaker has a massive 375mm bass driver which vents downwards into the large, L-shaped main enclosure for deep, controlled and undistorted low-frequency performance. The tweeter and midrange benefit from having their own suspension mount systems to further reduce colouration and distortion. Listening to the DBLs can be a very emotional experience as they bring a completely new sense of scale and presence to performances at all listening levels.

Specification

Frequency response	17Hz – 20kHz ± 3dB
Sensitivity	92dB for 1W at 1m
Impedance	4Ω (minimum)
Power handling	200W (music programme)
Dimensions	1200 x 650 x 400mm (H x W x D)

SL2 Loudspeaker



The Naim SL2 is a compact package of speed, precision and musical coherence. The two cabinets are separated by a PAR (Precision Acoustic Resistance), an innovation that ensures consistent and accurate loading of the bass drive unit. The larger cabinet acoustically loads the bass/mid driver, giving the precision and control of a small loudspeaker combined with the power, bandwidth and dynamic range of a much larger box. Another innovation for the SL2 is the arm, attached at the mechanically stable aluminium plinth and totally separate from the rest of the loudspeaker, that holds the tweeter. The virtual absence of cabinet resonance and mechanical interference provides a startling yet totally natural and musical performance.

Specification

Frequency response	30Hz – 20kHz ± 3dB
Sensitivity	89dB for 1W at 1m
Impedance	6Ω (minimum)
Power handling	100W (music programme)
SL2 dimensions	1030 x 282 x 330mm (H x W x D)

Allae Loudspeaker



Technically the Naim Allae loudspeaker has many features of interest, including the separation of the drive units within their own enclosures, which reduces mechanical interference and results in a predictable acoustic performance. The bass/mid cabinet sits neatly on Naim PIPs (Precision Interface Pins) mounted on the top face of the bottom cabinet. The high-frequency unit is isolated further by its leaf-sprung mounting plate which acts as a mechanical filter between cabinet and driver. Featuring a computer-modelled cast-aluminium chassis, the 200mm bass unit is fitted with a split-mass aluminium phase correction device, which also improves heat dissipation and power handling.

Specification

Frequency response	30Hz – 20kHz ± 3dB
Sensitivity	89dB for 1W at 1m
Impedance	6Ω (minimum)
Power handling	100W (music programme)
Allae dimensions	928 x 288 x 288mm (H x W x D)

Ariva Loudspeaker

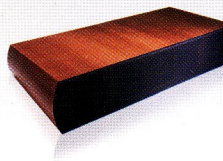


The Ariva loudspeaker delivers blistering performance and engaging musicality within a wide range of budget systems. It is an easily positioned floor-standing, three-way design featuring separate chambers for each high-technology driver, a braced and resonance-controlled enclosure and a separate plinth. The plinth combines isolating cones and spikes, ideally controlling the critical interface between loudspeaker and floor.

Specification

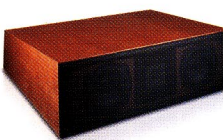
Frequency response	30Hz – 20kHz ± 3dB
Sensitivity	88dB for 1W at 1m
Impedance	4Ω (minimum)
Power handling	100W (music programme)
Dimensions	880 x 230 x 310mm (H x W x D)

Axent Loudspeaker



The Axent is a high-performance centre channel loudspeaker with superb transient and dynamic capabilities. Each of the four individually selected and computer-matched bass/mid drive units are housed in separate enclosures within the main cabinet. The Scan-Speak tweeter is mounted on its own suspension mounting plate isolating it from the other drive units. The Axent is our smaller, but still very capable, centre channel loudspeaker for use with home theatre systems. Like the Axent, the two individually selected bass/mid drive units are housed in separate enclosures within the main cabinet and the tweeter is mounted on its own isolating suspension mounting plate.

Axess Loudspeaker



Specification

Axent frequency response	40Hz – 20kHz ± 3dB
Axess frequency response	45Hz – 20kHz ± 3dB
Sensitivity	89dB for 1W at 1m
Impedance	6Ω (minimum)
Axent power handling	200W (music programme)
Axess power handling	150W (music programme)
Axent dimensions	174 x 938 x 451mm (H x W x D)
Axess dimensions	174 x 536 x 451mm (H x W x D)



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