

# MUSICAL FIDELITY

Simple control of the music you love



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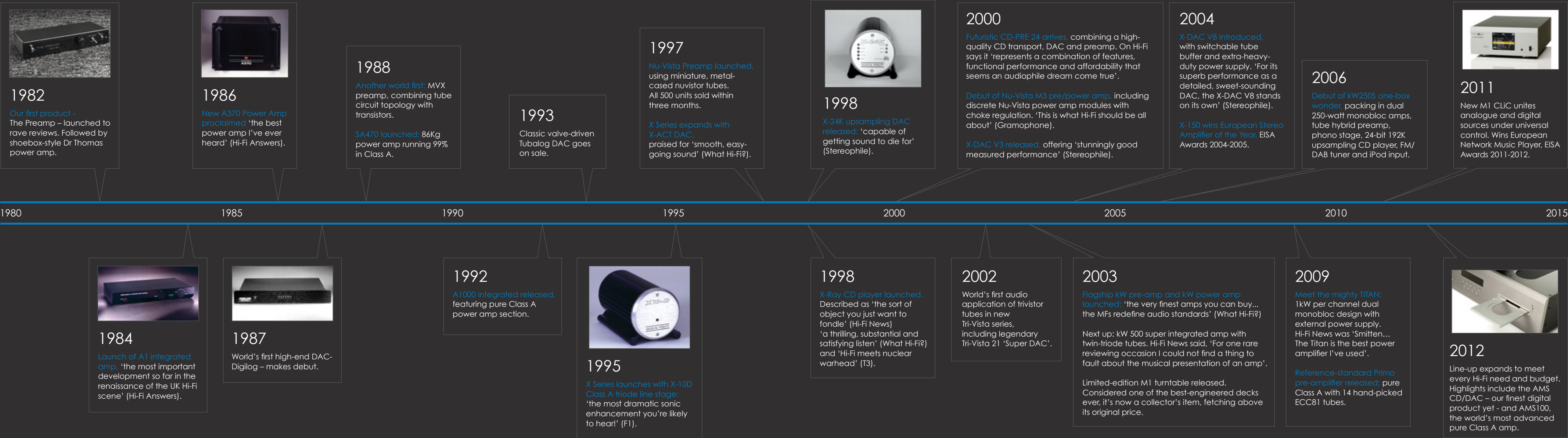
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# INTERVIEW WITH ANTONY

## Musical Fidelity celebrates its 30th anniversary this year. How does it feel?

It is a surprise because thirty years have passed in a flash. Along the way, there were times when I thought, 'That's it, we're finished.' I do not like to admit defeat, so we battled on through supply crises, manufacturing glitches and cash flow problems, which makes it all the more satisfying to reach this point. The other day, I met someone in the business who

said, 'Oh, you are legendary!' I reckon that means I have been around the business for a while and am still alive and kicking - for which I want to say thank you to the tens of thousands of people who own Musical Fidelity products and to everyone whose hard work and talent has got us where we are today.

## Looking back, what advice would you give to your younger self?

When I started the company, I was told by a lot of people that there was no room in the market for another amplifier brand. I did not listen to them and I would tell my younger self, received wisdom is often wrong.

I would also warn him that dealers will always want what you do not have, even if you have designed products specifically in response to their requests. There is no winning, so stick to your convictions and you will avoid some expensive mistakes. Of course, I made quite a few mistakes using my own judgment. Those were unavoidable.

There were some fundamental concepts that it took me far too long to see. I would tell the younger me to lavish as much care on the external design of products as on the electronics. In audio, there is a limit to the cost of electronics, because

you only need so many components to make a stupendous amplifier. But it has to look the part. The electronics can be breath-taking but if the unit looks rough, nobody will believe in what is inside it.

The truth of this hit me at an Italian Hi-Fi show, where they were showing absolutely stunning-looking loudspeakers. It was almost a case of, who cares what they sound like when they are that beautiful?

For me the electronics are paramount and the quality of sound reproduction is always the holy grail. But if you look back at our first products, you can see how we have developed our industrial design aesthetic since then, to complement the quality of the electronics.

## It sounds like you got into audio manufacturing because you were an audiophile yourself.

It was more that I was passionate about music, and still am. I went to music college and then, when I was looking for a way to earn a living, I met someone who wanted to make and market tube amps. For a couple of years we made some intriguing amps with big tubes and that warm, luscious tube sound. That company went bust, but I got the idea that there might be a living to be made in audio.

A few years later, I was fed up with the mediocre preamp in my home audio system, so I designed and made a preamp for myself. An audio dealer friend heard it, and placed an order for some. They all sold over the first weekend they were on display, and he ordered more. Almost by accident, I was back in business.

## Musical Fidelity has launched dozens of products over the years, including some classics. Why so many?

Some might say too many, but we have to respond to market pressures. We have to make what people want. Sometimes we follow an idea to its logical conclusion and the product bombs, but our proportion of successful launches has been high enough for us to survive and thrive.

With the A1 we created a whole new class of amps, 'budget audiophile.' We have produced valve amps, head amps, pure Class A amps, insanely high-powered transistor amps, CD players, SACD players, and experimented with bizarre

casework and weird heatsinks, just to name a few. I dream up something, the R & D people tell me why it cannot be done, and then they achieve technical marvels.

We never stop trying to improve what we make, whether in terms of technical performance, sonic performance or value for money. We have learned that, no matter how good something is, there is usually a way to improve it.

## Surely by now Musical Fidelity has done it all?

Nowhere near. You can think of amp design as variations on a theme: with each new product we explore different aspects of the basic idea and that can lead to exciting discoveries. Also, audio is changing and we are going into new

areas, for example with the CLiC for people who are into digitally-based source material. We have some surprises up our sleeve.



# TITAN

When you're not prepared to compromise on Hi-Fi performance, the Musical Fidelity Titan is the answer.

The Titan is a power amplifier that can effortlessly drive speakers to new heights of musicality, engineered with 30 years of expertise. Extraordinarily low distortion coupled with astonishing dynamics means each Titan delivers brute force with a delicate touch.

Our obsession with musicality means the Titan is a powerhouse with poise: whether your favourite tracks need a tender touch or breathtaking slam, the Titan serves them up with unerring accuracy and an appeal that can only be rivalled by listening to live music itself.

Only 50 sets of these exceptional amplifiers will ever be made. Quite simply, Titans are the best amplifiers we know how to make – and the best you can buy.

“Never have we heard a traditional amp which does everything quite so well”.

HI-FI NEWS





## AMS SERIES

This is our signature series - literally. Our founder, Antony Michaelson has put his initials to this exceptional series of components.

As an accomplished musician, Antony is a passionate advocate of pure-sounding Hi-Fi, which faithfully recreates every element of a musical performance. The AMS series delivers just that, drawing on 30 years of audio expertise to offer an unparalleled listening experience.

The series starts with the AMS CD, a CD player/DAC combination and the finest digital product we've ever made. It can be paired with four, pure Class A amplifier options: the AMS35i integrated amp; the PRIMO pre-amp and the AMS50 or AMS100 power amps. We firmly believe the latter is the world's most advanced pure Class A amplifier – the fitting peak of an amazing series.

PWR MUTE

IR

TAPE MONITOR

BALANCED  
INPUT

CD



# AMS SERIES

“The Primo elicited from me an immediate and enormous “Wow!” that I still felt even after weeks of listening”.

MICHAEL FREMER, STEREOPHILE REVIEW



AMSCD | REFERENCE CD PLAYER

Quite simply, the AMS CD is the finest digital product we've ever made. It combines reference-standard CD playback with a multi-input DAC; it's the true Hi-Fi heart of a modern music system.

The AMS CD uses the best possible CD transport mechanism, which is further optimised by being paired with our upsampling DAC design and a unique power-supply suite.

As well as being applied to CD playback, all the sonic benefits of the 24bit/192kHz DAC are available to other digital devices via optical, coaxial and balanced inputs.

From spinning disc to streamed music, digital data is faithfully retrieved and converted, with the absolute minimum of jitter, noise and distortion. The outstanding results are fed on to the amplification of your choice via a pure Class A output stage.

All this plus the premium build quality and fabulous finish found across the entire AMS range. The AMS CD is a reference source you'll be proud to own and love to listen to.



AMS35i | DUAL MONO INTEGRATED AMPLIFIER

The AMS35i is the spiritual successor to our A1000, the world's first super integrated amplifier and a treasured design still sought out by collectors some 20 years on.

We have concentrated our considerable research and development resources to create a new-generation, pure Class A integrated amplifier that delivers even more musical satisfaction. That amp is the AMS35i.

This pure Class A design is essentially a discrete pre-amp neatly paired with dual-mono power amps within one box. It uses trickle-down technology from our flagship TITAN amplifier, sharing that powerhouse's characteristics in terms of low distortion, minimal noise, wide bandwidth and excellent load-driving ability. The latter means that despite its relatively modest 35 Watts-per-channel output, the AMS35i will effortlessly power all but the most demanding of speakers and fill all but the largest of rooms.



PRIMO | PRIMO PREAMP

A bold but true statement: the Primo is the best pre-amplifier we've ever made.

The result of 12 years of research and development here at Musical Fidelity, the Primo produces superlative sound, is beautifully built and is extremely reliable. It's a reference-standard tube design: from the glow of its hand-selected, long-life tubes to its British-built solidity and exquisite pure Class A performance.

As Michael Fremer wrote in his Stereophile review: "The Primo elicited from me an immediate and enormous "Wow!" that I still felt even after weeks of listening."

Regardless of volume level, the Primo delivers exceptional, consistent results, due to its total system linearity. It seamlessly makes the most of just about any Hi-Fi source – via its array of line-level and balanced connections – and perfectly partners with its sibling AMS power amps.

The Primo is a truly extraordinary pre-amp - if you want to recapture the magic of music, it has to be heard.



AMS50 | CLASS A POWER AMPLIFIER

The mighty AMS50 precedes the AMS100 to form a duo of exceptional power amplifiers within our AMS range.

Each amp features the same core Class A excellence, but packaged at different levels of size, power and price. This means you can pick the power amp that best suits your specific speakers, room and budget, while knowing you're buying the premium performance at every point.

As its name suggests, the AMS50 offers 50 Watts per channel into 8 Ohms, though this doubles to 100 Watts per channel into the 4 Ohm impedance of many modern speaker designs.

The AMS50 is the perfect partner for our Primo pre-amp, sharing the same state-of-the-art engineering and premium aesthetics.

As Noel Keywood enthused in his Hi-Fi World review: "The big AMS50 has an array of qualities that mark it out as an utterly superb amplifier no matter what loudspeaker it is paired with". He concludes: "it is probably the best solid-state amplifier I have ever heard".



AMS100 | CLASS A POWER AMPLIFIER

We are confident that the AMS100 is the most advanced pure Class A power amp ever made. It clearly tops the trio of exceptional power amplifiers within our AMS range.

The 100 Watts per channel AMS100 features the same core Class A excellence as its AMS50 sibling, boosted significantly by further trickle-down technology from our flagship TITAN amp, plus a unique power supply design. Its innovative PSU arrangement – a first in the Hi-Fi world – gives the AMS100 huge technical advantages over any other amp, by negating power-supply noise.

The result is the most clean, powerful performance we've produced: if you're a true musical purist, this is the amp for you.

The AMS100 is the perfect partner for our Primo pre-amp, sharing the same state-of-the-art engineering and premium aesthetics.

Stereophile's review said: "Musical Fidelity's AMS100 is magnificent," while Hi-Fi News proclaimed it "maybe the ultimate Class A transistor amplifier".



## M8 SERIES

M8 is our latest series, featuring state-of-the-art engineering coupled with superb build and finish to deliver true high-end Hi-Fi quality.

Featuring trickle-down technology from our flagship Titan amplifier, the M8 series approaches the same stellar power and performance levels, but at a more affordable price and with subtler styling.

The series currently comprises the perfect-matching pair of the M8 pre-amplifier and M8 700m monobloc power amplifier. Both are fully balanced designs with the drive and flexibility to meet the needs of traditional and modern Hi-Fi sources. They will even fit seamlessly into a home theatre set-up.





# M8 SERIES

“I’ve sat in on blind tests of amplifiers before, and Musical Fidelity amps are the ones that get spotted quickest by listening panels. The reason for this is the deep, tuneful bass”.

APRIL 2010 Hi-Fi PLUS



## M8PRE | FULLY BALANCED PREAMPLIFIER

The M8 is a pre-amplifier without limits. From its performance to its connectivity, via quality fit and finish, the M8 makes a superlative centrepiece for almost any system.

The M8 boasts a wide array of inputs, meeting the needs of traditional and modern home entertainment systems. It offers a low-noise MM/MC phono stage; two balanced inputs (one with home theatre bypass option); three line inputs (one with home theatre bypass option) and a fully configured tape in/out loop.

Its outputs are single-ended and balanced, and there is also a trigger control.

Technical measurements are testament to the M8’s exceptional engineering: from ultra-low distortion to virtually perfect frequency response, the science supports what your ears will also clearly hear.

We’re so confident of the M8’s capabilities that we state it will drive any power amplifier over any length of cable. Though obviously its perfect partner is the matching M8 700m monobloc pairing...



## M8700m | MONOBLOC POWER AMPLIFIER

Our Titan flagship has set new standards for power-amplifier performance, but we recognise that its immense power and size – plus distinctive looks and premium price – make it an exclusive option.

We therefore set out to condense Titan’s cutting-edge technology down to a more accessible size and price point. The successful result is our new M8 700m 700 watt monobloc power amplifier.

The M8 700m offers a compelling combination of fully balanced circuitry, extraordinary technical performance, exquisite sound, quality fit and finish and value for money.

It is the true heir to the Titan, delivering near-identical quality sound, with exceptional clarity and dynamics. The M8 700m can create a huge soundstage that’s almost holographic in its width and depth. From the most intimate acoustic recording to full-scale orchestral works, the performance is perfectly placed and never feels limited.

Pair it with our matching M8 pre-amp and you have awesome amplification fit for any system.

Reception for the new M8 700m has been highly enthusiastic. Many press reports have highlighted its more room and wallet-friendly form, while What Hi-Fi? Sound and Vision dubbed it the “son of Titan”.

## M6 SERIES

We've designed the M6 series to be the high-quality heart of your home entertainment, combining power, performance and future-proof features into beautifully built components that will delight for years to come.

The series includes a CD/DAC, integrated amplifier, pre-amplifier and power amplifier, with each product packed with innovation - enabling it to deliver the best from both traditional discs and modern digital streams.

Whatever style and source of music you love, the M6 series is ready to serve it up flawlessly.

The M6 series's exceptional sonic talents are matched by premium fit and finish: this is high-end Hi-Fi you'll be proud to own – all at an attainable price.



# M6 SERIES

“The M6i is in it for the long term; it’s an amplifier that will be used by listeners for years and years”.

ALAN SIRCOM, HI-FI+ REVIEW



**M6CD** | 24 BIT 192KHz CD PLAYER

So much more than a mere CD player, the M6CD is a hub for all your digital entertainment – and the perfect source for the rest of the M6 range.

Within its beautifully built casework, the M6CD pairs a high-quality CD transport with a high-performance DAC, complete with switchable coaxial, optical and USB inputs. We’ve been designing DACs for almost a quarter of a century, so the M6CD is every bit as exceptional as you’d expect, offering outstanding linearity and minimal noise, distortion or jitter.

The M6 CD’s 24bit/192kHz upsampling DAC can give a massive, measurable performance boost to digital sources, from discs to downloads to music streaming services. In the hands of the M6 CD, digital music has rarely sounded so natural. Expect a sweet, smooth performance with excellent imaging and a huge dynamic range.

As Alan Sircom said in his Hi-Fi+ review, the M6CD “lives up to the Musical Fidelity name, being both accurate and tuneful, and never puts a foot wrong.”



**M6i** | DUO MONO INTEGRATED AMPLIFIER

From its exquisite build and future-proof connectivity to its technical excellence and powerful performance, the M6i is a no-compromise integrated amplifier.

It may be a single-box design, but the M6i is internally engineered as a separate pre-amplifier with two discreet monobloc power amplifiers. This enables it to deliver a 200 watts-per-channel performance that’s exceptional for an integrated amplifier – and which surpasses that of many pre/power amp pairings.

The M6i is a highly flexible design, allowing it to be used in a wide range of systems. In addition to four line-level inputs and one balanced connection, there’s a USB socket to suit computer-based audio. There’s also a home-theatre throughout option, allowing you to seamlessly integrate the M6i into an AV set-up.

The M6i has the power and technical sophistication to drive any speaker with ease, sounding calm and unruffled as it moves from quiet musical moments to huge dynamic shifts.



**M6500i** | DUAL MONO INTEGRATED AMPLIFIER

The M6 500i is the latest in our legendary line of super integrated amplifiers, building on the sustained success of models like the A1000 and kw500. It offers **best-in-breed performance from a technology-packed, rock-solid build.**

Providing 500 watts per channel of power, this is an amp that can easily drive any pair of speakers, without distortion or strain.

The M6 500i features five inputs, one of which is balanced; the AUX/HT input can be switched to allow the amp to seamlessly integrate into music or movie set-ups.

Inside the high-quality casing is equally impressive engineering; the M6 500i is effectively a top-class pre-amp and a separate set of monobloc power amps within one box.

From its technical measurements to its jaw-dropping sound, the M6 500i acts like an amp costing many times the money.



**M6PRE** | PRE-AMPLIFIER

The M6 PRE is effectively a preamp without limits. Its wide range of inputs, coupled with superlative performance, mean it can form the heart of almost any system, regardless of price.

It’s a pure Class A design capable of driving any power amplifier, over any length of cable. It itself is easy to feed, making it even more flexible.

The M6 PRE has an array of inputs suited to both traditional and modern music sources. It has an MM/MC phono stage, two balanced inputs, three line-level connections, a fully configured tape in/out loop and a digital USB socket.

There are home theatre bypass options on both balanced and line-level inputs.

Performance is stunning. The M6 PRE sounds sweet, clear and fast, with tight, extended bass. No wonder that in his Hi-Fi+ review of the M6 range, Alan Sircom praised the M6 PRE for being “both excellent and excellent value for money.”



**M6PRX** | POWER AMPLIFIER

Praised by Hi-Fi+ as “a true world-class product”, the M6 PRX is a 260 Watts-per-channel power amplifier with a unique Choke Regulated Power Supply (CRPS).

The M6 PRX shares the same basic circuit topology as its premium Titan or AMS50 siblings, but the CRPS gives it a technical twist of its own, enabling performance levels that eclipse its rivals. Its awesome combination of precision and power mean the M6 PRX can drive even demanding speakers with complete neutrality.

Hi-Fi Choice said the M6 PRX has an “aura of unflappable invincibility. You can push the amp hard without ever sensing that it’s struggling”. These sentiments were echoed by the Hi-Fi+ review, which described the M6 PRX as having “an effortless quality it almost makes your speakers seem bigger and better than they really are.”

The M6 PRX is also a flexible design, featuring two sets of switchable inputs. Its line output sockets also allow it to be easily used in a bi-amp or even tri-amp configuration.



## M3 SERIES

Great-looking, superb-sounding Hi-Fi doesn't have to cost a fortune.

Our M3 series offers an elegance of design, quality of build and standard of finish you'd associate with products costing twice as much. Performance is equally impressive at the price, with a natural, highly musical delivery that shames many more costly rivals.

The M3CD slot-loading CD player and M3 integrated amplifier combine to offer an excellent example of our commitment to technically exceptional products that let you hear more from your music. You can even control them both from the same remote handset.

The M3 series has received excellent reviews, praising a refined performance that exceeds expectations.



# M3 SERIES

“A very mature and polished performer”, which “sounded refined and elegant”.

HI-FI WORLD’S REVIEW OF THE M3CD



M3CD | CD PLAYER

Like the matching M3i integrated amplifier, the M3CD CD player is designed as serious Hi-Fi available at a modest price. From the fine fit and finish of its metal casework to the unique technology sitting inside, the M3CD exceeds expectations.

The M3CD builds on our years of engineering expertise, uniquely featuring both a mains choke filter and a high-tech digital-stream noise filter. Such innovations enable the player to deliver technical performance; it boasts low distortion and a virtually flat frequency response, plus minimal noise and jitter.

The M3CD's DAC design also draws from its high-end siblings, using cutting-edge technology to ensure excellent data recovery from your discs. Simply put, that means you'll hear more from your music.

Hi-Fi World's review of the M3CD called it “a very mature and polished performer”, which “sounded refined and elegant”.

We say it's a great-looking, superb-sounding player you have to see and hear.



M3i | INTEGRATED AMPLIFIER

The M3i integrated amplifier takes our peerless premium-amp experience and applies it to a more affordable price point.

It boasts trickle-down technology from our mighty Titan flagship, plus other high-end touches such as solid metal controls. The M3i delivers 76 watts per channel into 8ohms and 137 watts into 4ohms. This means the M3i will can drive a wide range of speakers, even power-hungry models.

Further flexibility is provided by the M3i's excellent connectivity, which includes six line-level inputs and switchable home-theatre throughput.

It features a Class A preamp stage with its own, independent power supply, coupled with a discrete pair of power amps. In effect, this means the M3i offers the performance benefits of a pre/power configuration with the compact convenience of a one-box design.

The final word goes to The Absolute Sound, whose review of the M3i stated: "Its performance is rock-solid, it's sonically well-rounded and it's comfortable with a wide array of speakers. And it's all served up in an elegant, no-nonsense package".

“A very strong performer at the price point”.

HI-FI CHOICE

## M1 SERIES

Whether you like to listen to LPs, spin CDs or stream or download digital files, our M1 series can help you hear more from your music.

From headphones to high-resolution audio, the M1 models handle it all, to award-winning acclaim.

The M1 DAC is an upsampling digital-to-analogue converter, capable of transforming music streams and downloads. It's additionally an ideal match for the M1 CDT slot-loading CD transport, which also pairs perfectly with the M1 CLiC, our unique universal music controller for digital and analogue sources. The M1 CLiC's ideal power-amplifier partner is the upgradeable M1 PWR.

Two specialist amplifiers – the M1HPAP headphone amp and M1 ViNL phono stage – round out this exceptional series.





# M1 SERIES



M1CLiC | UNIVERSAL MUSIC CONTROLLER

We describe the M1 CLiC as a universal music controller for all your digital and analogue sources.

Essentially it combines a high-quality streamed music player, Internet radio, 24-bit/192kHz digital-to-analogue converter (DAC) and pre-amplifier in one compact box. The multifaceted M1 CLiC handles and enhances a vast array of sources and formats and is fully controllable from its own, dedicated iPhone or iPad apps available FREE from the iTunes App store.

Whether you're enjoying a new level of music quality from a laptop, Apple iPod/iPhone/iPad, USB drive or more traditional sources, the M1 CLiC clearly displays what it's playing on its bright, colourful display.

The M1 CLiC's exceptional capabilities may mean it's a hard product to categorise, but they make it easy to praise. EISA - Europe's most prestigious technology association – named the M1 CLiC as Best Network Player in its 2011-2012 Awards; Gramophone's review called it "remarkable for the money", Hi-Fi News dubbed it "outstanding" and Hi-Fi World declared 'it's hard to think of another product that's as versatile'.



M1CDT | COMPACT DISC TRANSPORT

The M1 CDT is designed to do one thing brilliantly: play your CDs.

A CD player typically integrates both a transport section and a digital-to-analogue converter (DAC), along with other ancillary components.

The M1 CDT is a transport only, allowing us to optimise its ability to read the digital discs and deliver the data with no interference from analogue circuitry.

Accuracy is further improved by our use of a premium stabilised clock system, which ensures low-jitter performance. Again, that means you'll hear more from your music when it's played on the M1 CDT.

For sound and styling, the slot-loading M1 CDT is the perfect partner for the M1 CLiC or M1 DAC. The resultant compact pairing will take up the same space as a conventional-sized CD player and yet deliver so much more in terms of flexibility and performance.



M1DAC | UPSAMPLING D/A CONVERTER

We've been making top-performance digital-to-analogue converters since the early days of CD. That means the M1 DAC benefits from almost 25 years of continual development, drawing on successive acclaimed DAC designs.

Whatever your digital source – from CD to computer to TV set-top box or DVD/Blu-ray player – the M1 DAC can upsample and convert it, producing stunning 24bit/192kHz resolution audio. In comparison, CD resolution is a mere 16bit/44.1kHz.

The M1 DAC features four digital inputs: balanced, USB, optical and coaxial. It is an asynchronous design with awesome performance: from its low-distortion, noise levels and jitter-minimising technology to its high-quality power supply, the M1 DAC surpasses the standards of DACs costing many times its price.

The M1 DAC has been met with incredible acclaim. Stereophile's review said it "offers performance that is close to the state of the art", calling it "a piece of kit that can transform your system " and "a stunning bargain".



M1ViNL | PHONO STAGE

Records retain an immense – and growing – appeal for music fans, and we believe in helping LP lovers get the very best from their vinyl.

That's why we designed our state-of-the-art phono pre-amplifier, the M1 ViNL.

It's engineered to deliver a level of performance and versatility that an integrated amplifier's phono stage – and indeed many dedicated rivals – can only dream of.

The M1 ViNL offers an extraordinary menu of loading options for users of both moving-magnet (MM) and moving-coil (MC) cartridges, meaning you can find the perfect set up for your system. Switchable RIAA and IEC EQs add further flexibility.

The M1 ViNL even allows you to switch resistance, capacitance or equalisation curve while you're playing records – so you can instantly hear the effect of each mode and more easily find the optimum settings for different cartridges and discs. A clear display and intuitive controls make the process simpler still.



M1HPAP | HEADPHONE AMPLIFIERS

If you've only ever heard your headphones plugged into an everyday amp, or a computer, the M1 HPAP will be a revelation.

It's a dedicated headphone amplifier capable of driving any set of cans to unprecedented levels of performance. Whatever your source, you'll hear the music open up, revealing greater scale, extension and detail.

The secret to the M1 HPAP's stunning sound is its pure Class A amplifier design, which is paired with a high-current, low-noise power supply. This combination gives the M1 HPAP the ability to drive any headphone without distortion. Its talents don't end there: the M1 HPAP also functions as a high-quality pre-amplifier.

The M1 HPAP has already received much acclaim: the Hi-Fi Choice review stated "you might have to pay five times the HPA's asking price to significantly better its performance", while the Hi-Fi News group test concluded: "on excellent sound, facilities and value for money, the M1 HPAP is a clear winner."



M1PWR | POWER AMPLIFIER

The latest addition to the M1 series came from customer demand – they were clamouring for the perfect power amplifier partner for the award-winning M1 CLiC music controller.

After intensive technical development, we've delivered just that – and more – in the compact shape of the M1 PWR.

It's a premium performance mono/stereo power amplifier. A single M1 PWR offers 60 watts per channel of stereo drive, but at the slide of a switch it becomes a 100 watt monobloc. All circuitry is internally switched: all you need to do is connect up a second M1 PWR for an excellent, easy upgrade.

Even in its single-box mode it drives speakers with ease, delivering superb stereo separation and a punchy, pure sound. Add another M1 PWR and the performance steps up to another level again.

The svelte design and outstanding value of the M1 range means stacking up an amazing Hi-Fi system has never been easier, even if your space and budget are limited.

# TECHNICAL SPECIFICATIONS

## INTEGRATED AMPS

INTEGRATED AMPS	POWER OUTPUTS	THD (+N)	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	NO. OF INPUTS	SIZE W, H, D	WEIGHT
M3i	76 Watts per channel into 8 Ohms (19dBW)	<0.014 % typical, 20Hz to 20kHz	>96dB 'A' - weighted	+0, -0.1dB, 10Hz to 20kHz	6 line level RCA connector	440mm, 100mm, 400mm	9.2kg / 13kg
M6i	200 Watts per channel into 8 Ohms (23dBW)	<0.01 % typical 20Hz - 20kHz	>100dB 'A' - weighted	+0, -0.1dB, 10Hz to 20kHz	Line level inputs 1 pair line level XLR (balanced) connectors, 4 pairs line level RCA connectors, USB input USB type "B" (square) socket	440mm, 125mm, 400mm	16.6kg / 21.3kg
M6 500i	500 Watts per channel into 8 Ohms (27dBW)	<0.01% typical, 20Hz to 20kHz	>100dB 'A' - weighted	+0, -0.1dB, 10Hz to 20kHz	Line level inputs 1 pair line level XLR (balanced) connectors, 4 pairs line level RCA connectors	440mm, 160mm, 460mm	30kg / 35kg
AMS35i	35 Watts per channel into 8 Ohms (15.5dBW)	<0.014% unwt'd, 20Hz to 20kHz	> 96dB 'A'-weighted	(+0, -1dB) 10Hz to 50kHz	Line level inputs 1 pairs line level XLR (balanced) connectors 4 pairs line level RCA connectors	483mm, 148mm, 475mm	28.3kg / 33kg

## PRE AMPS / HEADPHONE AMPS

PRE AMPS	THD+N 20HZ TO 20KHZ	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	NO. OF INPUTS	SIZE W, H, D	WEIGHT
M6 PRE	RCA (single ended) <0.005%, XLR (balanced) <0.004%	>96dB 'A' - weighted	+0, -1dB, 10Hz to 80kHz	Phono MM/MC inputs 1 pair MM/MC level RCA connectors, 2 pairs line level XLR (balanced) connectors, 4 pairs line level RCA connectors, USB type "B" (square) socket	440mm, 126mm, 400mm	11.4kg / 16kg
M8 PRE	RCA (single ended) <0.005%, XLR (balanced) <0.004%	>118dB 'A' - weighted	+0, -1dB, 5Hz to 100kHz	Phono MM/MC inputs 1 pair MM/MC (switchable) level RCA connectors, 2 pairs line level XLR (balanced) connectors, 5 pairs line level RCA connectors	440mm, 162mm, 400mm	17kg / 23kg
PRIMO	0.0035% typical	>119dB	(-0.5dB, 5Hz- 50KHz)	Line level inputs, 5 pairs line level RCA connectors, 5 pairs XLR (female) balanced line level inputs, Trigger Input 3.5mm mono jack socket ±5 to ±12V, Power input: 3 pin IEC from mains	UNBOXED: 483mm, 150mm, 410mm, SHIPPING CARTON: 695mm, 610mm, 385mm	16.8kg / 22kg
M1HPAP	<0.008% (10Hz to 20kHz)	>109dB	(15Hz to 75kHz -3dB max)	Line level input 2 pairs RCA line in left and right, Digital input 1 USB type 'B' connector for computer/PDA	220mm, 100mm, 300mm	3.4kg / 4.1kg

## CD PLAYERS

CD PLAYERS / DAC	JITTER	FREQUENCY RESPONSE	SIGNAL TO NOISE RATIO ("A" - WTD)	THD	LINEARITY	DAC CIRCUIT	CHANNEL SEPARATION	INPUTS	OUTPUTS	SIZE W, H, D	WEIGHT
M1 CDT	NA	NA	NA	NA	NA	NA	NA	Trigger input 3.5mm (1/8") mono jack ±4.5 to ±15V DC	Digital outputs 1 RCA coaxial connector SPDIF, 1 TOSLINK optical connector 1 XLR AES/EBU balanced digital output, Trigger output 3.5mm (1/8") mono jack ±4.5 to ±15V DC	220mm, 100mm, 300mm	3.5kg / 4kg
M3 CD	<135 picoseconds peak to peak	10Hz to 20kHz -0.2dB max.	>117dB "a"- wtd.	<0.003% 10Hz to 20kHz	<0.1dB down to -96dB	24 bit Delta-Sigma (bit stream) dual differential 8x over-sampling	>105dB 20Hz to 20kHz	NA	Line level outputs 1 pair line level RCA connectors, left and right outputs, Digital outputs 1 RCA coaxial connector SPDIF, 1 TOSLINK optical connector	440mm, 100mm, 375mm	6.65kg / 10.5kg
M6 CD	<135 picoseconds peak to peak	10Hz to 20kHz -0.2dB max	>117dB "a"- wtd.	<0.003% 10Hz to 20kHz	<0.1dB down to -96dB	24 bit Delta-Sigma (bit stream) dual differential 8x over-sampling	>105dB 20Hz to 20kHz	Digital inputs 1 RCA coaxial connector SPDIF 1 TOSLINK optical connector USB input USB type "B" (square) socket	Line level outputs 1 pair line level RCA connectors, left and right outputs 1 pair line level XLR connectors, left and right outputs, Digital outputs 1 RCA coaxial connector SPDIF, 1 TOSLINK optical connector	440mm, 125mm, 385mm	11.2kg / 15.5kg
AMSCD	<15 picoseconds peak to peak	10Hz to 20kHz -0.2dB max.	>117dB	<0.003% 10Hz to 20kHz	<0.1dB down to -96dB	Quad DAC 192kHz fully balanced over-sampling	>105dB 20Hz to 20kHz	Digital inputs 1 RCA coaxial connector SPDIF 1 TOSLINK optical connector 1 XLR AES input connector	Line level outputs 1 pair line level RCA connectors, left and right outputs 1 pair line level XLR connectors, left and right outputs Digital outputs 1 RCA coaxial connector SPDIF	483mm, 150mm, 385mm	11.2kg / 23kg

## DAC

DAC	JITTER	FREQUENCY RESPONSE	THD	INPUTS	OUTPUTS	SIZE W, H, D	WEIGHT
M1 DAC	<12 picoseconds peak to peak	10Hz to 20kHz -0.1dB max.	<0.0025% 10Hz to 20kHz	Digital inputs 1 XLR AES balanced digital input, 1 RCA coaxial connector SPDIF 32-192 kbps (16-24 bit stereo PCM) 1 TOSLINK optical connector 32-96 kbps (16-24 bit stereo PCM) 1 USB type 'B' connector for computer/PDA 16-24 bits, 32-96 kbps (Determined by source file/computer settings)	Line level outputs 1 pair line level RCA (phono) left and right, 1 pair line level XLR (balanced) left and right	220mm, 100mm, 300mm	3.4kg / 4.1kg

POWER AMPS

POWER AMPS	POWER OUTPUTS	THD + N (20HZ TO 20KHZ)	SIGNAL TO NOISE RATIO ("A"- WTD)	FREQUENCY RESPONSE	NO. OF INPUTS	SIZE W, H, D	WEIGHT
M1 PWR	Stereo Mode 65W into 8Ω, 130W into 4Ω, Mono Mode 100W into 8Ω, 200W into 4Ω	Stereo <0.03%, Mono <0.02%	Stereo > 94dB, Mono > 100dB	< 0.5dB, (20Hz to 20kHz)	Line level input 1 pair RCA line in left and right, Trigger input 3.5mm (1/8") mono jack ±4.5 to ±15V DC	220mm, 100mm, 315mm	3.9kg / 4.6kg
M6 PRX	260 Watts per channel into 8 Ohms (24dBW)	<0.007% typical	>120dB	(+0, -1dB, 10Hz to 100kHz)	Line level inputs 1 pair line level XLR (balanced) connectors 2 pairs line level RCA connectors	440mm, 125mm, 390mm	19.7kg / 24.4kg
M8 700m	700 Watts per channel into 8 Ohms (28dBW)	<0.005% typical	>120dB	(+0, -1dB, 10Hz to 80kHz)	Line level inputs 1 line level XLR (balanced) connector, 1 line level RCA connector, Trigger input 3.5mm (1/8") mono jack ±4.5 to ±15V DC	440mm, 160mm, 460mm	30kg / 35.5kg  60kg / 65kg
AMS50	50 Watts per channel into 8 Ohms (17dBW),	< 0.006% unwt'd.	> 110dB	(+0, -0.4dB, 10Hz to 40kHz)	Line level inputs 1 pair line level XLR (balanced) connectors, 1 pair line level RCA connectors, Trigger input 3.5mm/1/8" mono jack socket, ±5V to ±12V	483mm, 325mm , 460mm	
AMS-100	100 Watts per channel into 8 Ohms (20dBW),	< 0.005% unwt'd.	> 110dB	(+0, -0.4dB, 10Hz to 40kHz)	Line level inputs 1 pair line level XLR (balanced) connectors, 1 pair line level RCA connectors, Trigger input 3.5mm/1/8" mono jack socket, ±5V to ±12V	483mm, 325mm, 880mm	100kg / 152kg
TITAN	1000 Watts per channel into 8 Ohms (30dBW),	<0.008%	>126dB	(-0.5dB, 20Hz to 40kHz)	Unbalanced Line level inputs: 1 pair line level RCA connector, Balanced inputs: 1 pair XLR (female) sockets, Trigger input 3.5mm/1/8" mono jack socket, ±5V to ±12V	Main unit: 483mm, 185mm, 635mm. Power Supply: 483mm, 185mm, 615mm. Shipping details (CARTON SIZE): 610mm, 375mm, 765mm	Main unit: 45kg / 50kg. Power Supply physical details: 68kg / 75kg TOTAL 125kg

CLIC

CLIC	FULL COLOUR SCREEN	FREQUENCY RESPONSE	THD	SIGNAL NOISE	INPUT	OUTPUT	SIZE W,H,D	WEIGHT
M1 CLIC	Colour LCD QVGA 320 x 240	10Hz to 20kHz -0.1dB max.	<0.0025% 10Hz to 20kHz	>119dB "A" - wtd.	Line level inputs 3 pairs line level inputs AUX1, AUX2, AUX3, Digital inputs 2 RCA coaxial connectors SPDIF 32-192 kbps (16-24 bit stereo PCM) 1 TOSLINK optical connector 32-96 kbps (16-24 bit stereo PCM) 1 Front mounted USB type 'A' socket for USB "pen"/hard disk drive 1 Rear mounted USB type 'A' socket for iPod® or iPhone® USB lead. (Does not support Apple "Dock") 1 USB type 'B' connector for computer/PDA 32-48 kbps Network inputs 1 RP-SMA plug Wifi Aerial input ("wireless" network connection) 802.11b/g 1 UTP RJ45 10/100Mbps socket ("wired" network connection)	Line level outputs 1 pair line level RCA (phono), fixed outputs left and right, not controlled by volume at 0dB (i.e. same as input). 1 pair line level pre-outputs (controlled by volume). Trigger output 1 3.5mm Jack socket +12V trigger	220mm, 100mm, 300mm	3.3kg / 4.5kg

PHONO STAGES

PHONO STAGES	INPUT SENSITIVITY (FOR 300MV OUT)	THD AT 1KHZ	FREQUENCY RESPONSE	INPUT IMPEDANCE	SIGNAL TO NOISE RATIO	INPUTS	SIZE W, H, D	WEIGHT
M1 VINL	<b>MM</b> 3mV in <b>MC</b> 500µV in	<0.01%	RIAA or RIAA/IEC (selectable) ±0.2dB	47KΩ or 68KΩ selectable	<b>MM</b> > 90dB "A"-wtd, <b>MC</b> > 88dB "A"-wtd.	Trigger control 3.5mm (1/8") mono jack ±4.5 to ±15V DC	220mm, 100mm, 300mm	3.5kg / 4.0kg



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