

# MUSICAL FIDELITY





*MUSICAL FIDELITY*

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1982

Our first product - The Preamp - launched to rave reviews. Followed by shoebox-style Dr Thomas power amp.



1986

New A370 Power Amp proclaimed 'the best power amp I've ever heard' (Hi-Fi Answers).

1988

Another world first: MVX preamp, combining tube circuit topology with transistors.

SA470 launched: 86kg power amp running 99% in Class A.

1993

Classic valve-driven Tubalog DAC goes on sale.

1997

Nu-Vista Preamp launched, using miniature, metal-cased nuvistor tubes. 500 units sold within three months.

X Series expands with X-ACT DAC, praised for 'smooth, easy-going sound' (What Hi-Fi?).



1998

X-24K upsampling DAC released: 'capable of getting sound to die for' (Stereophile).

1980

1985

1990

1995

2000



1984

Launch of the original A1 integrated amp.



1987

World's first high-end DAC-Digilog - makes debut.

1992

A1000 integrated released, featuring pure Class A power amp section.



1995

X Series launches with X-10D Class A triode line stage: 'the most dramatic sonic enhancement you're likely to hear!' (F1).

1998

X-Ray CD player launched. Described as 'the sort of object you just want to fondle' (Hi-Fi News) 'a thrilling, substantial and satisfying listen' (What Hi-Fi?) and 'Hi-Fi meets nuclear warhead' (T3).

2002

World's first audio application of trivistor tubes in new Tri-Vista series, including legendary Tri-Vista 21 'Super DAC'.



2000

**Futuristic CD-PRE 24 arrives**, combining a high-quality CD transport, DAC and preamp. On Hi-Fi says it 'represents a combination of features, functional performance and affordability that seems an audiophile dream come true'.

**Debut of Nu-Vista M3-S pre/power amp**, including discrete Nu-Vista power amp modules with choke regulation. 'This is what Hi-Fi should be all about' (Gramophone).

**X-DAC V3 released**, offering 'stunningly good measured performance' (Stereophile).

2009

**Meet the mighty TITAN:** 1kW per channel dual monobloc design with external power supply. Hi-Fi News was 'Smitten... The Titan is the best power amplifier I've used'.

**Reference-standard Primo pre-amplifier released;** pure Class A with 14 hand-picked ECC81 tubes.

2018

M2s/M6s/M6x/M8s/M8x  
MX-Series  
V-Series

Heinz Lichtenegger is the new owner of Musical Fidelity with the same spirit for music and sound as Antony Michaelson.

NEW



2022

Launch of Nu-Vista by Musical Fidelity. A new generation of ultra high-end Nuvistor tube amplifiers.

NEW



2023

The new LS series brings you classic loudspeakers in British HiFi tradition.

2005

2010

2015

2020

2003

**Flagship kW pre-amp and kW power amp launched:** 'the very finest amps you can buy...the MFs redefine audio standards' (What Hi-Fi?)

Next up: kW 500 super integrated amp with twin-triode tubes. Hi-Fi News said, 'For one rare reviewing occasion I could not find a thing to fault about the musical presentation of an amp'.

Limited-edition M1 turntable released. Considered one of the best-engineered decks ever, it's now a collector's item, fetching above its original price.

2004

**X-DAC V8 introduced**, with switchable tube buffer and extra-heavy-duty power supply. 'For its superb performance as a detailed, sweet-sounding DAC, the X-DAC V8 stands on its own' (Stereophile).

**X-150 wins European Stereo Amplifier of the Year**, EISA Awards 2004-2005.



2011

New M1 CLiC unites analogue and digital sources under universal control. Wins European Network Music Player, EISA Awards 2011-2012.



2020

**Release of M8xi, the first product developed under new ownership.**

'The M8xi is absolutely one of the finest integrated amplifiers on the market right now and arguably one of the finest ever made.' (Recovering Audiophile)

NEW



2023

**Launch of A1 integrated amp**, 'I love the look, I love the feel, I love the sound, I love the weight that it brings to music. This thing sounds like it's got some serious balls – a knockout!' (Audiophile)

# MUSICAL FIDELITY'S NEW GENERATION

## What does Musical Fidelity mean to you?

**HEINZ LICHTENEGGER:** Antony and I have a long history together: friendship and business. I have been Musical Fidelity's distributor in Austria for more than 30 years — in fact I started my international distribution business with Musical Fidelity, a magical product which made me the number one audio distributor in Austria.

Since the early days Musical Fidelity was the only high-end brand that gave (and gives) so much sound quality for the money. There are audiophiles, and then there are music loving audiophiles, it is this select group that Musical Fidelity exists for. More than that Musical Fidelity has set out to give true audiophile performance, musical accuracy and a fair price.

I completely believe in Musical Fidelity's design philosophy and commit to maintaining its DNA and continuing along its development path. Affordable high-end with excellent technical performance and accurate sound. These are great classical high-end products! Antony designed his products as he always tried to make it sound musical and not technical!

Over the decades Antony and I have had many talks and brainstorming sessions about future products and concepts, about the future of the business. He is a great designer as well the master in listening. Future products will continue to have his 'fingerprint' in their sound.



Antony Michaelson  
Founder and  
former CEO





## What sets Musical Fidelity apart from other HiFi brands?

**SIMON QUARRY:** I think it's the big bold build even on smaller items. Generous amounts of material go into our casework and we try to keep it minimalistic without compromise on features and of course performance. Inside the circuitry is always high performance designed and tested by my good self to measuring limits available. But more than measurements it's got to sound good. A broad catalogue of music helps here to realise the listening experience expected of Musical Fidelity.



[Watch the full video >](#)



# NU-VISTA

*by* MUSICAL FIDELITY

## Nu-Vista series: a sensation

Antony Michaelson, the founder of Musical Fidelity and professional musician, always dreamt of making an audio system that sounds like tube and class A amps. Warm and musical, but it also allows the real-life dynamic reproduction of music, especially of big orchestras.

The NU-VISTA by Musical Fidelity is a magic combo of power and finesse. They represent all of Musical Fidelity's technology in making the best, sweetest-sounding amps in the world in a cost-no-object, no-compromise solution.

Our engineers took three years to develop these gigantic but beautiful creatures. Over 1 million Euros have been invested in design costs to launch NU-VISTA by Musical Fidelity into top notch high-end. We are very proud and honored to introduce a new generation of ultimate high-end audio products under the NU-VISTA by Musical Fidelity brand name.



# NU-VISTA

“The Nu-Vista Series is a labour of love for Musical Fidelity. We love them, we adore the tubes, we are passionate about Nuvistors. We relished, revelled and basked in the pure joy of designing the products of our dreams.”

MUSICAL FIDELITY FOUNDER ANTONY  
MICHAELSON ON NU-VISTA AND NUVISTORS



## NU-VISTA VINYL 2 | PHONO STAGE

The Nu-Vista Vinyl 2 is the new flagship of Musical Fidelity phono preamplifiers, an ultra-high performance, highly accurate phono MM/MC phono preamplifier in beautifully designed and executed massive casework.

Compared to its predecessor, the Nu-Vista Vinyl, the Vinyl 2 now features entirely discrete and fully balanced audio circuitry on the inside. The phono pre-amplification contains three gain stages in full Class A discrete transistor circuitry. The completely passive EQ stage is set up in two separate stages (split-passive) – this is more costly to design and implement but ensures best impedance matching and lower deviation from the ideal EQ. In addition to the standard RIAA curve, we have implemented the two less common DECCA and COLOMBIA curves as well.



## NU-VISTA DAC | D/A CONVERTER

The Nu-Vista DAC is our new flagship DAC built around the critically acclaimed ESS 32-bit HyperStream II DAC architecture.

It features RCA and XLR outputs, 3x optical and 1x coax SPDIF inputs, 1x USB and 1x AES/EBU inputs. An I2S input is prepared for a yet to be announced new CD-player!

Building on our knowledge and experience with Sabre ESS chips, the Nu-Vista DAC uses 2x ES9038Q2M chips in dual differential mode for a pristine dual mono design. The inclusion of a Time Domain Jitter Eliminator results in superb SNR and THD+N performance with unbelievably detailed transient response. Other advances in the DAC section include optional upsampling and re-clocking and an oversampling bypass mode. The 16-core XMOS and CPLD MAX II Altera processors ensure there is always enough headroom for these operations, the digital filters, including our own new proprietary filter for optimum transient response, and the MQA processing.





### NU-VISTA 800.2 | INTEGRATED AMPLIFIER

The Nu-Vista 800.2 is a true power-house tube amplifier featuring ultra-rare Nuvistor tubes and the famous power amp stage design taken from our legendary TITAN flagship amplifier.

The Nu-Vista 800.2 includes the locally decoupled output stage of the TITAN. This involves giving each output device a corresponding high current bulk supply capacitor. These capacitors mounted on the power amplifier PCB, give it similar appearance to a "V10" engine! We had our transformers rewound, for lower standing flux, so they are less sensitive to mains DC offset noise. With outstanding clarity and finesse, receiving new modern looks, a new display and revised internals it is all the original 800 was and more.

Nuvistor tubes were invented in the 1950s to solve the many shortcomings of conventional tubes. Unlike them, Nuvistor tubes offer very high reliability, low microphony, low noise, consistency from batch to batch, small size, relatively low power consumption and great technical performance. Unfortunately just as uses for Nuvistor tubes were being explored, the transistor was invented and it was 'game over' for Nuvistors. There the matter rested until about fifteen years ago, when Musical Fidelity created the first of its ground-breaking Nu-Vista series.

MUSICAL FIDELITY RESURRECTS  
NUVISTOR TUBES



# NU-VISTA

“Never before in the history of hi-fi have Nuvistor tubes been coupled with state-of-the-art fully balanced and discrete technology and sophisticated modern design techniques. The Nu-Vista PRE, PAS & PAM’s technical performances are astonishing. They measure like a dream but, more importantly, sound incredible. Silky smooth with enormous transients and an effortless feel that is at once relaxing and involving. Of special note how they project images between the loudspeakers so that you can almost touch them.”

THE LEGENDARY NUVISTOR STAGE



## NU-VISTA PRE | PRE AMPLIFIER

Based on our excellent Nu-Vista 800 circuit we decided to go all out “fully balanced” on the Nu-Vista range. The Nu-Vista PRE features the tried and tested Nu-Vista stage featuring 6S51N nuvistors in a discrete class A amplifier buffer.

The Nu-Vista PRE uses a balanced configuration circuit and balanced precision matched stepped attenuator for volume control. This means even at low volume levels, as well as higher, stereo imaging will be precise and accurate.

For driving strength, a pair of mini power amplifiers (equivalent to 50W) are used for the output stages. They run in Class A for preamp purposes, giving the best in line driving capability, dynamic range, as well as reduced noise and distortion inherently.

The Nu-Vista PRE comes with its own dedicated external power supply. To achieve better noise performance, we removed the AC mains power supply from the main unit and built it into another matching box.



## NU-VISTA PAS | POWER AMPLIFIER

The Nu-Vista PAS is a fully balanced stereo power amplifier built from our legendary TITAN flagship. It features the tried and tested Nu-Vista stage featuring 6S51N nuvistors in a discrete class A amplifier buffer.

Based on Titan 1000W stage, it has separate capacitors for bulk supply, and one each for the output devices, considerably reducing output impedance and improving dynamics. Chokes are added for further improved supply ripple and pulse current spike reduction Bias is set for over 5W of initial class A operation thereafter the stage slides into class B operation at a point where the now much lower discontinuity is easier dealt with than “standard” crossover distortion.

Like the Nu-Vista PRE, the PAS comes with its own dedicated external power supply. This quiets up the supplies and results in almost no mains-borne artefacts getting into the sensitive audio circuitry.



## NU-VISTA PAM | MONOBLOC POWER AMPLIFIER

The Nu-Vista PAM is a 1000W bridged, fully balanced, discrete mono power amplifier with separate power supply unit. Based on our TITAN amplifier it adds a discrete nuvistor amplifier stage.

The power stages have 2x 5 pairs of high power thermally compensated output devices for reliable and stable operation. The Nu-Vista PAM is designed in a balanced configuration circuit and balanced input high power, low distortion "bridged" output amplifier stage. Like the Nu-Vista 800.2 and PAS this monobloc power amp features the famous TITAN flagship design, giving it its distinctive "V10" appearance. Each output transistor has a separate generously sized capacitor for improved power handling

Also the Nu-Vista PAM is powered by the separate Nu-Vista PAM PSU that houses all the transformers, which by nature generate mechanical vibrations and radiate harmful electromagnetic fields. Here they are as far away as possible from the critical amplifier circuits.





# A1

## Integrated Class A Amplifier

A faithful recreation of the 1985 original.

In its 2023 iteration, every facet of the original's specifications, aesthetic, and circuitry has been preserved for those who missed out the first time.

With modernized components and an improved transformer we get all of its Class A power and famous sound while drastically reducing heat development and a marked increase in both longevity and overall reliability. Complemented by top-tier selectors and a new high-performance motor-driven potentiometer designed for seamless volume control via the newly introduced remote.

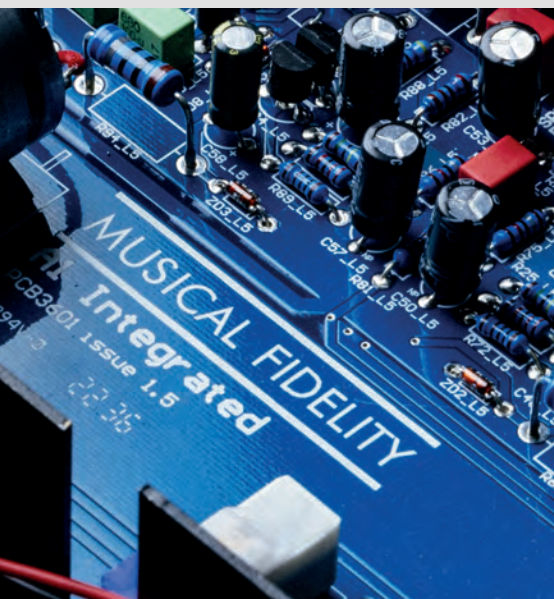
The A1 has one secret. It makes music. To hear what the A1 does is to hear what Hi-Fi is supposed to do: music, pure and simple.

# I'M BACK









#### A1 | INTEGRATED CLASS A AMPLIFIER

In Hi-Fi, the Musical Fidelity A1 has become one of the most classic designs – inside and out. First released back in 1985, it quickly made waves for being an absolute beast when it came down to driving some of the most difficult speakers of that time, even though it was actually a rather low powered integrated amplifier.

Now for 2023, for the first time since its initial release we have actually kept all specifications, the appearance and circuits of the 1985 rendition for those who missed out the first time.

The A1 is built around a completely discrete and symmetrical Class A topology. It's able to output 25W of pure Class A power @ 8 ohms load with 25A of maximum output. While the numbers here might seem rather low, the ability for the output stage to drive difficult speakers is a small miracle in itself.

Other improved aspects are the updated transformer to more efficient "dual mono split rail" windings, a durable, heat resistant, high quality ALPS RK series potentiometer and an IR remote control for volume adjustment.

"It is true 'affordable esoterica', then – offering performance in some respects that's hard to beat at three, four or maybe five times the price."

DAVID PRICE - STEREONET 09/2023

## M8 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 M8s pre-amplifier and M8s 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. The M8xi is the latest and the best of the super integrated amps. It is able to sound like a superb small Class A amplifier but with limitless headroom. Perfection!

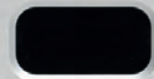
DUAL MONO | **m8** hi

INTEGRATED AMPLIFIER

SOURCE



POWER/STBY





# M8 SERIES

The M8xi is effortless, fluid and dynamic. It doesn't sound 'loud'. It just sounds right. The dynamics are handled with no drama or fuss. They come and they go. There is no distortion; just pure undiluted music.



**M8xi** | SUPER INTEGRATED AMP

In 1990, Musical Fidelity made the first ever Super Integrated amplifier: the A1000. It received a rapturous welcome and, even today, second hand, is selling at high prices. In a long line of Super Integrated Amplifiers, the M8xi is the latest and the best of the breed.

The M8xi is a separate preamp with two monobloc power amps sharing a common chassis. Each has its own heat sink and separate transformer and power supply. Genuinely dual mono. The power amp design gives higher power, lower distortion and better sound quality. The output stage efficiency has been increased thus yielding about 10% more power for similar power supply voltage. More importantly the whole driver stage is pure Class A.

Percussive elements become instantly obvious and jump out of the speakers. Vocals have more subtly, detail and presence. Large scale music has a depth, width and incredibly dynamic presentation. It is able to sound like a small Class A amplifier with huge power.



**M8s-700m** | 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 M8s-700m 700 watt monobloc power amplifier.

The M8s-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 M8s-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 M8sPRE pre-amp and you have awesome amplification fit for any system.



### M8s-500s | POWER AMPLIFIER

The M8s 500s can drive just about any loudspeaker you choose. It is, of course, the perfect partner/visually and sonically for the M8 preamp.

The M8s-700m has received outstanding reviews and an enthusiastic reception from knowledgeable audiophiles. The combination of high power and cutting edge technical performance has proved a compelling combination.

However some customers do not have the space for two large monoblocs and do not necessarily need that much power. For them we have designed the M8s-500s. Pairing it with the matching M8sPRE pre-amp gives an amplification system fit of the highest levels of reproduction.



### M8sPRE | PRE AMPLIFIER

The M8sPRE is a pre-amplifier without limits. From its performance to its connectivity, via quality fit and finish, the M8sPRE makes a superlative centrepiece for almost any system.

The first exceptional element of the M8sPRE is its truly fully balanced design. Most rival pre-amps making similar claims are actually single-ended models with a balanced input and output; this is not the same as being fully balanced throughout, which the M8s offers. The quality continues with the M8sPRE's pure Class A circuitry, implemented in subtle and refined configurations.

The M8sPRE will drive any power amplifier over any length of cable. Although, obviously, it's perfect partner is a pair of M8s-700m monobloc amplifiers.

Listening to the M8sPRE with the M8s-700m monobloc is quite an experience. The music is reproduced with no stress, no colouration and sense of relaxation and transparency that are music to the ears and balm to the soul.

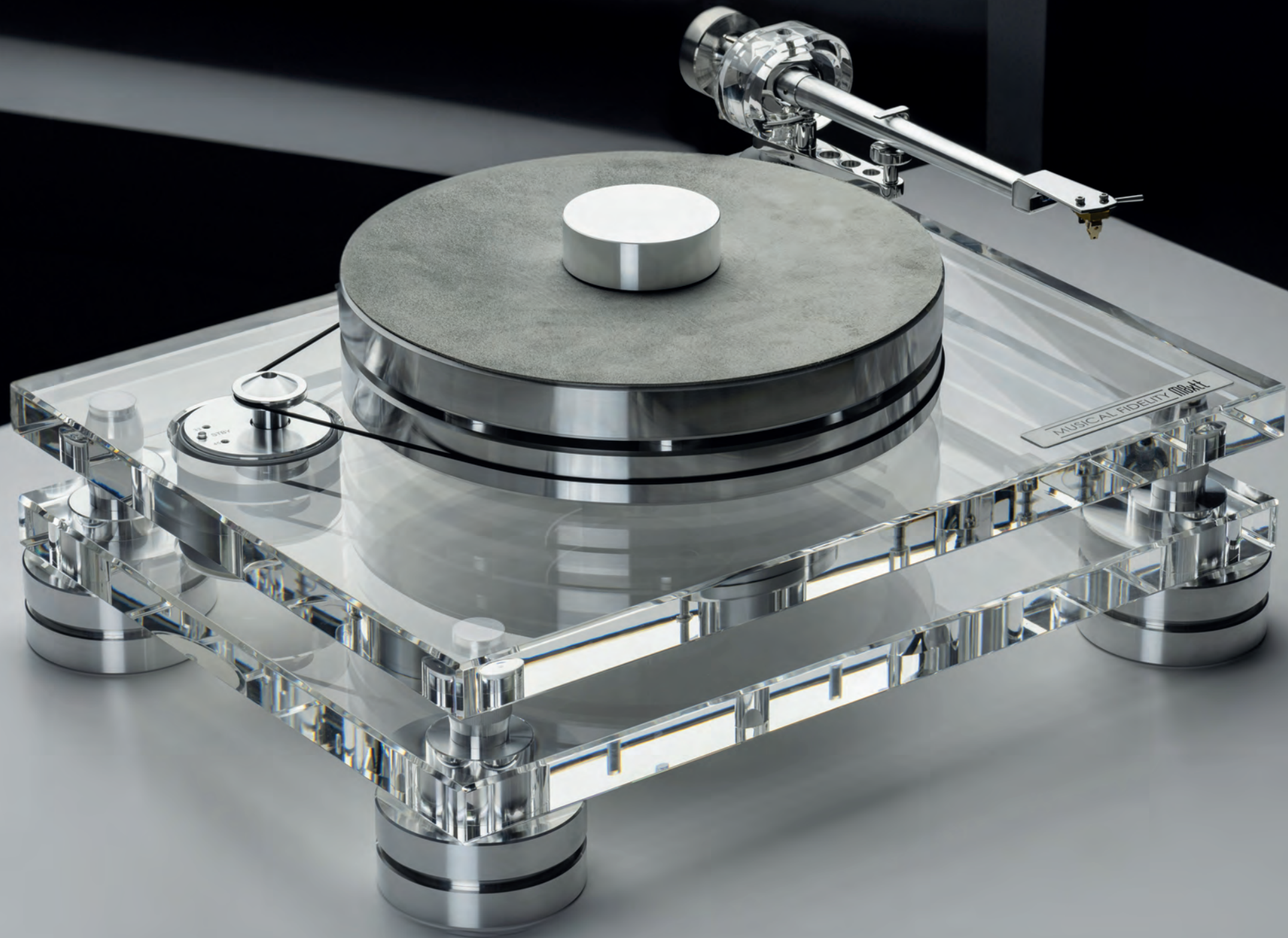
"I've sat in on blind tests of amplifiers before, and Musical Fidelity amps are the ones that get spotted quickest by listening panels. The reason for this is the deep, tuneful bass".

APRIL 2010 Hi-Fi PLUS

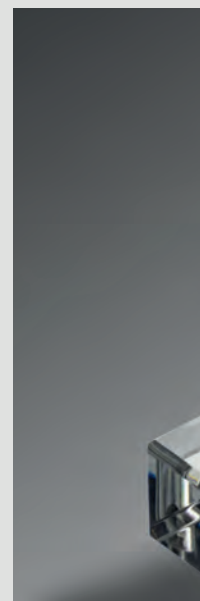
## M8XTT

Antony Michaelson's idea of music was big scale, warm and mighty with details in colours. His amplifier creations are a rare expression of this sound character. In 2002 Antony asked Mr. Lichtenegger to help with a design with all these attributes. Also, the design was very important and should match the mechanically stunning amplifiers. The Musical Fidelity M1 was born and a great success. The base idea was to combine the inert mass of metal alloys with zero resonating acrylic. The motor was effectively decoupled from the tonearm and platter with the dual chassis construction. The new M8xTT is following the same design philosophies with even more expressive technical features.











## M8xTT | TURNTABLE

The M8xTT is a high-end turntable featuring RCA and balanced XLR outputs with radical concepts and innovations originating from its legendary predecessor.

The fully VTA adjustable, 10-inch tonearm is a complete new ultra low resonance Musical Fidelity design with transparent acrylic bearing ring and conical aluminium tonearm tube. The counterweight is TPE damped to prevent resonances.

The motor is sitting in on a special foam in the lower level acrylic plinth to decouple it from the platter and the tonearm. The electronic speed control allows you to switch between 33 & 45 RPM. A silicon belt connects the motor and the two floor TPE damped platter, which is made of aluminium with additional inserts to improve the flywheel effect.

Four heavyweight and height adjustable TPE damped aluminium feet with magnetic support connect the two acrylic plinths with teflon spacers in between. A heavyweight aluminium puck, a leather mat and semi-balanced phono cable are included in the packaging.



## 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, DAC, phono stage, two integrated amplifiers, pre-amplifier, power amplifier and two streaming systems, 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.

FULLY  
BALANCED  
PREAMPLIFIER

**m6sPRE**

*by* MUSICAL FIDELITY

POWER

MUTE

TAPE MONITOR

USB

PHONO

C D

TUNER

POWER

MUTE

TAPE MONITOR

USB

PHONO

C D

TUNER

# M6 SERIES

“The M6si 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



## M6scd | 24 BIT 192KHz CD PLAYER

So much more than a mere CD player, the M6scd 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 M6scd 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 M6scd is every bit as exceptional as you'd expect, offering outstanding linearity and minimal noise, distortion or jitter.

The M6scd'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 M6scd, 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 M6scd “lives up to the Musical Fidelity name, being both accurate and tuneful, and never puts a foot wrong.”



## M6si | DUO MONO INTEGRATED AMPLIFIER

From its exquisite build and future-proof connectivity to its technical excellence and powerful performance, the M6si is a no-compromise integrated amplifier.

It may be a single-box design, but the M6si 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 M6si 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 M6si into an AV set-up.

The M6si 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.





### M6si500 | DUAL MONO INTEGRATED AMPLIFIER

The M6si500 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 M6si500 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 M6si500 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 M6si500 acts like an amp costing many times the money.



### M6sPRE | PRE-AMPLIFIER

The M6sPRE 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 M6sPRE 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 M6sPRE sounds sweet, clear and fast, with tight, extended bass. No wonder that in his Hi-Fi+ review of the M6-S range, Alan Sircom praised the M6sPRE for being "both excellent and excellent value for money."



### M6sPRX | POWER AMPLIFIER

Praised by Hi-Fi+ as "a true world-class product", the M6sPRX is a 260 Watts-per-channel power amplifier with a unique Choke Regulated Power Supply (CRPS).

The M6sPRX 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 M6sPRX can drive even demanding speakers with complete neutrality.

Hi-Fi Choice said the M6sPRX 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 M6sPRX as having "an effortless quality it almost makes your speakers seem bigger and better than they really are."

The M6sPRX 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.

# M6 SERIES

Digital to analogue converters, compared to analogue amplifiers, present their own design challenges. They work in different domains, have their own requirements and need to be treated as such. Power requirements are unique and solutions designed for amplifiers will not show similar results when paired with digital circuitry. We have always held circuit board design and layout up to the highest of standards at Musical Fidelity. The design & layout need to be custom-tailored to each application, measure well AND sound as envisioned.

## MUSICAL FIDELITY'S DAC DESIGN PHILOSOPHY



### M6x DAC | DAC

The M6x DAC features our new DAC architecture in Dual Differential Mode, Super Silent Power Transformer, MQA and DSD support and is fully Roon Tested.

With the M6x DAC we went even further. Paying close attention to every aspect of the M6x DAC, we get incredible technical parameters and effortless sound quality full of grace and transparency. Musical purists who are simply looking to feel that hypnotic sensation of communication between listener and artist: they will find it here. Besides maximising sound performance, the deliberate decision against a big display with flashing colours allows you to experience the music and only the music.

Other advances in the DAC section include upsampling and re-clocking. Upsampling can independently be switched on or off. Highest manufacturing and quality standards are achieved by fully switching the production to be now entirely Made in the EU!



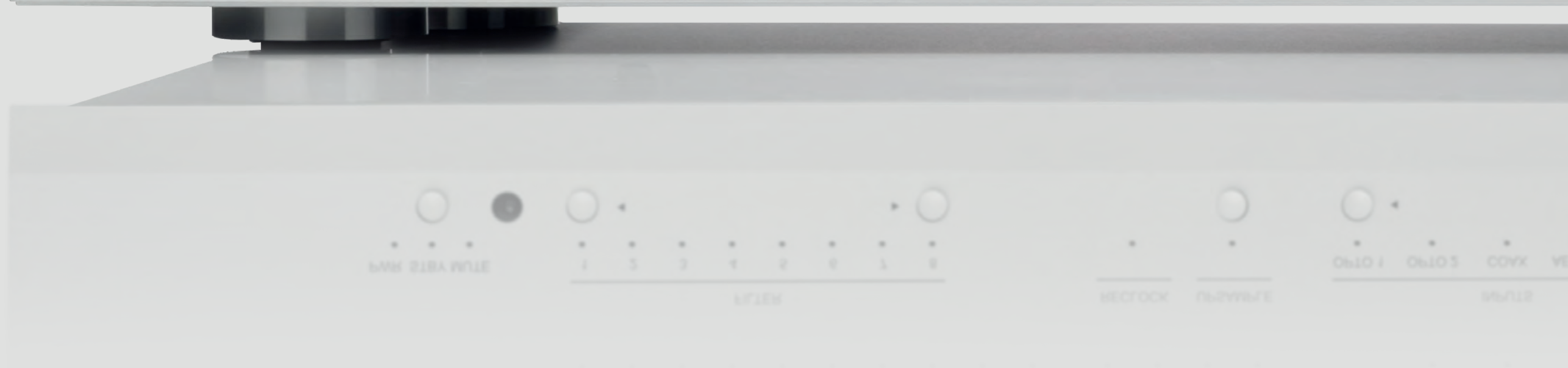
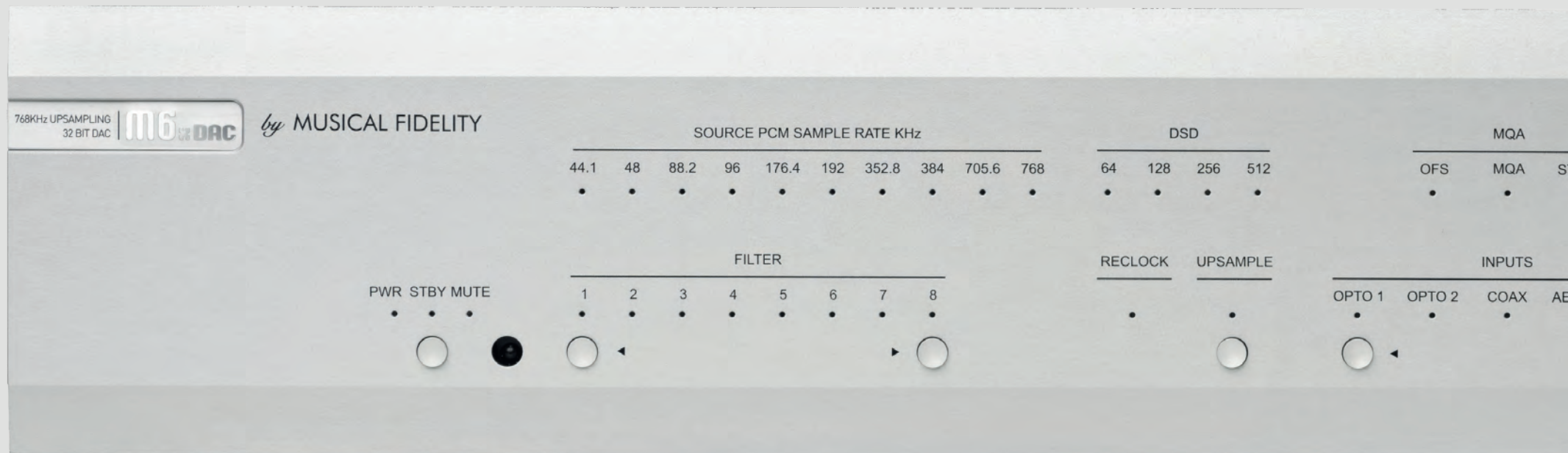
### M6x Vinyl | PHONO STAGE

The M6x Vinyl is a revised M6 Vinyl now with balanced input and fully discrete circuit board design!

The M6x ViNYL is a very high performance, highly accurate phono MM/MC cartridge amplifier in a beautifully designed and executed casework. We set out to make a phono stage without any practical limits.

While updating from the M6 ViNYL to the M6x ViNYL, we have switched to an entirely discrete circuitry, which results in better technical measurements and better sound. It is equipped with one balanced input and output as well as two single-ended inputs and one single-ended output to fit well into any vinyl hi-fi system.

A discrete circuit is composed of electronic components which are disparate, individual devices without Op-Amps. Countless hours of listening tests and years of experience have shown us that even the very best Op-Amps do not tend to be so neutral, natural, dynamic or vivid – all of which are characteristics of the Musical Fidelity "sound". For that reason, we're rediscovering our passion for traditional, discrete designs.



# M6 SERIES

For many people, the cinema is just a place with a big screen and expensive snacks - but there is more, which is usually not visible at all: The surround-sound-system. Excellent technical Musical Fidelity performance is now finally available for home theater enthusiasts.

## MUSICAL FIDELITY HOME THEATER AMPLIFIERS



### M6x 250.4/2 | 4 CHANNEL POWER AMP

The M6x 250.4/2 is a 4 channel or bridged 2 channel class A/B power amplifier.

The new M6x 250.4/2 is the choice for expanding your home theater system. Power your main L/R channels, in its powerful bridged amplifier mode. Are you switching from 5.1 to 7.1? The M6x 250.4/2 gives you 2 channels of powerful bridged amp power for that too. Or use all 4 channels when upgrading your 7.1 system to a fully decked out 11.1 beast.

It's also perfect for anyone wanting to turn their 2-channel HiFi stereo setup into a cinematic 5.1 surround experience. The 4 channels of the M6x 250.4/2 allow you to power center and both surround speakers as well as your subwoofer.

The M6x 250.4/2 will not only satisfy you with its sound quality, but also with the high quality metalwork and overall clean look. The front panel in either black, or silver finish, is a custom-made fine line aluminium extrusion.



### M6x 250.5 | 5 CHANNEL POWER AMP

The M6x 250.5 is a 5 channel class A/B power amplifier and will take your home cinema to the next level.

With the new M6x 250.5 you can easily create a powerful 5.1 home cinema setup (your active subwoofer is powered separately). You can connect your preamplifier/AV processor with either RCA or fully balanced XLR cables. The XLR connection furthermore enhances the sound quality and keeps the signal transmission clean.

The M6x 250.5 shows amazing load driving ability with unconditional stability that will drive any loudspeaker. Complete silent operation, no active cooling elements

Excellent, massive and clean build quality and complete silent operation without active cooling elements bring high-end HiFi qualities to your home theater.





### M6x 250.7 | 7 CHANNEL POWER AMP

The M6x 250.7 is a 7 channel class A/B power amplifier.

Our new multichannel amplifier is built modular with one 250W class A/B amplifier stage per channel. We designed our amplifier to sound highly natural by keeping all transients and micro information.

The super silent audiophile power transformer distributes clean power, which results in a high dynamic range and a detailed sound stage. This is a major feature for a home cinema amplifier.

The M6x 250.7 offers a gold-plated RCA and a balanced XLR input per channel. If you have XLR outputs on your preamp, we always recommend using a balanced connection. This kind of signal transmission leads to increased dynamics, less noise and improved signal-to-noise ratios. If you need the same signal on multiple inputs for e.g., bi-amping, you can use the gold-plated RCA through output and distribute the signal to the next input.



### M6x 250.11 | 11 CHANNEL POWER AMP

The M6x 250.11 is a 11 channel class A/B power amplifier. Ideal for bigger Dolby Atmos systems.

It all started with a simple three speaker setup in the 1980s and evolved to object based systems with up to 20 speakers. With the M6x 250.11 you can easily create a Dolby Atmos home cinema setup (your active subwoofer is powered separately).

Our new M6x 250.11 is built modular with a 250W class A/B amplifier stage per channel for the main channels (C, RF, LF) and 150W each for the 8 effect channels.

The M6x 250.11 is able to preserve all the details and emotion, no matter which volume. Due to the sophisticated heat sink design, the M6x 250.11 does not need a fan to keep the amplifier cool. Despite its big power, you will never hear any fan noise coming from the amp.

“The M6x 250.7 couples imperious, extended bass to a dynamic, fluid bass overall”.

MARK CRAVEN - HI-FI NEWS 12/22

## M5 SERIES

The M5si is a sensational integrated amplifier with exceptional power and clarity.



### M5si | INTEGRATED AMPLIFIER

The M5si is a real high end amplifier. At 150wpc, with high current delivery, it will drive virtually any loudspeaker easily.

Internally the M5si is configured as two independent monoblocs with a separate preamp, but all mounted on one pcb. Its technical performance is about equal to the M6si.



INTEGRATED  
AMPLIFIER

**m5si**

*by* **MUSICAL FIDELITY**

POWER

STBY

MUTE



## 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 M3scd slot-loading CD player and M3si 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 latest addition, the M3x ViNYL phono preamp has been switched, just like in its bigger brother the M6x ViNYL, to an entirely discrete circuitry, which results in better technical measurements and better sound. During the design of our first fully discrete phono-stage - the M6x Vinyl - we realized that with some small changes we can streamline our design and offer a one input/one output version of the M6x Vinyl. Forgoing the M6x Vinyl's many input and output options including balanced XLR in/outs, the M3x Vinyl will bring all the advantages of the fully discrete circuitry and exact loading capabilities to anyone who only needs one RCA input for their turntable.

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



192KHz UPSAMPLING  
32 BIT DAC

M3x DAC

*by* MUSICAL FIDELITY



# M3 SERIES

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

HI-FI WORLD'S REVIEW OF THE M3SCD



## M3scd | CD PLAYER

Like the matching M3si integrated amplifier, the M3scd 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 M3scd exceeds expectations.

The M3scd 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 M3scd'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 M3scd 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.



“A very strong performer at the price point”.

HI-FI CHOICE

## M3si | INTEGRATED AMPLIFIER

The M3si 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 M3si delivers 76 watts per channel into 8ohms and 137 watts into 4ohms. This means the M3si will can drive a wide range of speakers, even power-hungry models.

Further flexibility is provided by the M3si'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 M3si 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 M3si 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".

# M3 SERIES

The M3x Vinyl will bring all the advantages of the fully discrete circuitry and exact loading capabilities to anyone who is looking for a more streamlined version of the superior M6x Vinyl!



## M3x Vinyl | PHONO STAGE

The M3x Vinyl is a fully discrete phono stage - Made in the EU. It is the entry into our highly acclaimed fully discrete phono stages.

The M3x ViNYL is a phono stage, designed to be without any practical limits. Connectivity is straight forward. You have an input and an output. Neither of them can be overloaded at the input or limited in the output driving capacity. It can be set for either MM or MC and exact loading. It offers state-of-the art technical and sonic performance just like the M6x ViNYL, but at a cheaper entry level to the epitome of the true spirit of high-end audio.

The M3x ViNYL has been switched, just like in its bigger brother the M6x ViNYL, to an entirely discrete circuitry, which results in better technical measurements and better sound. It is Musical Fidelity's lowest price fully discrete phono amplifier and embodies our hallmark values of uncoloured, stress-free sound, outstanding technical performance and great value for money.

The M3x Vinyl also uses our completely new power supply design, which we have custom designed for the exact needs of a phono stage. Phono stages perform better the less electromagnetic radiation there is in the immediate surroundings of the phono stage circuitry. Huge transformers are required for big power amps, but not for the micro volt levels in a phono stage! The custom designed low core saturation toroidal transformer together with the huge distance from the PSU to the phono stage amplification circuitry, which we have achieved by ways of the big chassis design of the M3x Vinyl, allowed us to build a phono stage that is out of competition in this price range.





## M2 SERIES

Integrated amplifier and CD player with incredible sound performance offering exceptional value for money.



COMPACT  
DISC PLAYER

| m2scd

*by* MUSICAL FIDELITY



# M2 SERIES

“Modern manufacturing and fresh engineering expertise have produced a fine pairing. Highly recommended.”

M2SCD REVIEW IN AUDIO APPRAISAL 08/19



## M2scd | CD PLAYER

Top-quality CD player with superb sound!

Like the matching M2si integrated amplifier, the M2scd 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 M2scd exceeds expectations. The M2scd builds on our years of engineering expertise, uniquely featuring both a mains choke filter and a high-tech digitalstream 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 M2scd'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. Reviews say "a very mature and polished performer", which "sounds refined and elegant".



## M2si | INTEGRATED AMPLIFIER

Affordable and puristic audiophile integrated amplifier! Solely designed for maximum musical fidelity!

The M2si integrated amplifier takes our premium-amp technology and applies it to a more affordable price point. Drawing upon the design philosophy and insights gleaned from our mighty TITAN flagship, along with the inclusion of high-end elements such as the robust metal controls, extruded aluminum front panel, and a chassis crafted entirely from metal, the M2si occupies an enviable position for discerning audiophiles seeking an unadulterated high-end amplifier.

The M2si delivers 72 watts per channel into 8 ohms and 137 watts into 4 ohms. This means the M2si will drive a wide range of speakers, even power-hungry models. The fully discrete power amp, complemented by its dedicated power supply and generously proportioned toroidal transformer, guarantees reserves for proper peak delivery and a wide dynamic range. Power hungry and difficult speakers are driven with ease. Low impedance dips are managed gracefully and the judiciously rated output devices won't falter under any load.

With the M2si, our aim was to distill the expertise and design principles honed through our high-end amplifiers, creating an unbeatable package in this price point. With a true Musical Fidelity amplifier, you receive precisely what you desire. An affordable and puristic audiophile integrated amplifier for a lifetime, solely designed for the maximum of musical fidelity.

“As a system, the M2scd and M2si can deliver music in a manner that does not in any way shame Musical Fidelity’s enviable heritage.”

MARTIN PIPE - HI-FI WORLD 04/19

“It’s a superb all-rounder. Best stereo amplifier 2019!”

WHAT HI-FI 06/19

“The M2si can handle speakers that I’d be reluctant to suggest using with many similarly priced rivals.”

ED SELLEY - AVFORUMS 02/2021

## MX SERIES

The MX range from Musical Fidelity is a discreet group of beautifully engineered Hi-Fi components that bring out the best in a musical recording. Each is designed to deliver true 'high-end' performance while being small enough to fit alongside any music system.

POWER STBY NET USB/PC

**MX - STREAM** AUDIOPHILE BIT-PERFECT STREAMER



# MX SERIES

“DAC of the year 2019!”

MX-DAC REVIEW BY SIMON PRICE - 13TH

NOTE HIFI REVIEW 12/19

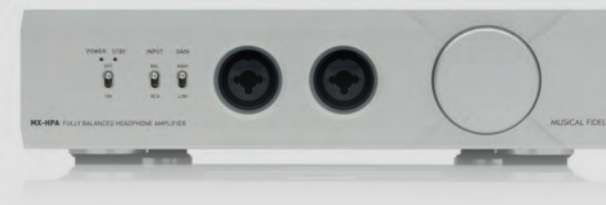


## MX-DAC | DAC

Super performance MX DSD DAC. PCM and DSD inputs. All inputs are processed in DSD. Beautiful finish, fabulous technical performance

The MX DAC represents truly outstanding value for money. Its combination of superlative technical performance, technical innovation, build quality and value should prove a compelling commercial proposition as well.

The MX DAC is a tremendous performer. It has ultra low distortion, very wide bandwidth and low noise. The technical performance of the MX-DAC is on a par with any other DAC at any price.



## MX-HPA | HEADPHONE AMPLIFIER

The ultimate in balanced and single ended headphone listening.

The unit features two inputs, balanced and single ended. These are separate and an input select switch allows choice between separate balanced and single-ended sources. These inputs accept normal line-level signals of 300mV nominal (suitable for 30mV- >3V) from a wide range of equipment.

Gain switching is provided to allow boost for higher impedance headphones, so the unit is compatible with all dynamic headphones regardless of impedance. It is recommended to use the LOW setting for headphones of 200 ohms or less; the HIGH setting for headphones over 200 ohms or particularly insensitive headphones.

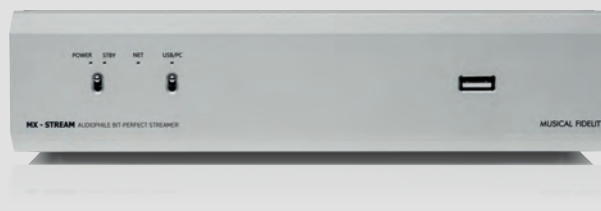


### MX-VYNL | PHONO STAGE

The MX-VYNL offers a wide range of input impedance settings for moving coil cartridges as well as several capacitance settings for moving magnet units. Unlike many of our competitors units the MX-VYNL allows easy adjustment of these settings while playing. This allows easy experimentation and tuning to find the optimum setting for all your equipment.

The MX-VYNL also includes our renowned RIAA correction that offers extremely accurate results to beyond 80kHz. That may sound extreme, but there is a good deal of information above 20 kHz that needs correction. If it isn't corrected, it will show itself as ringing and overshoot.

With both extraordinarily low noise and exceptional overload margin the MX-VYNL can comfortably handle even the most demanding of cartridges and satisfy the most discerning of listeners.



### MX-STREAM | BIT-PERFECT STREAMER

The MX-Stream is a high-end zero-jitter audiophile bit-perfect streamer.

Our MX-Stream is a universal, transport-only network device that can take any online or network streaming service to your integrated amplifier or DAC.

The MX-Stream's digital audio circuitry is a complete custom design from scratch. We have separate power supplies and high-end voltage stabilization components for all the different PCB units. We have advanced re-clocking – even the main CPU is operated by an audio optimized clock, which is completely unheard in typical streaming solutions, as they typically run with standard CPU clocks like those in regular computers. Every incoming digital signal is cleaned up from the very beginning. All audio files that come in and out, are the best they can be by eliminating all unwanted noise that can be found in common streaming solutions.

With an optimized software, we were able to push this high-tech hardware design to its absolute limits. All of this resulted in the first near-zero jitter streamer we have ever seen.

“As a standalone device, the MX-Stream is the perfect add-on for any integrated amplifier or DAC with USB B input. Not only is the technology inside the MX-Stream complete cutting-edge high-end, the open software design will keep it relevant for years to come, allowing any software of the future to access the completely unique and unprecedented hardware design.”

MUSICAL FIDELITY PRESIDENT HEINZ LICHTENEGGER ON THE MX-STREAM DESIGN PHILOSOPHY

## LX2 SERIES

The LX2 series is our latest affordable range of audio pre-amps and accessories.



LX·LPS



POWER



POWER

# LX2 SERIES





### LX2-LPS | PHONO STAGE

The LX2-LPS is a phono pre-amplifier of superb sonic quality.

The LX2-LPS is Musical Fidelity's new baby. A high quality flexible MM/MC phono stage with adjustable impedance and excellent technical performance. Housed in beautifully detailed and handsome metalwork it is the epitome of understated high class elegance.

We designed it for reference level listening so it is unerringly accurate and faithful to the input. Its purpose in life is to give you your music as its artists and producers intended: nothing more, and nothing less. The critical elements of a phono stage are: accurate RIAA, low noise, low distortion, and overload margin.



### LX2-HPA | HEADPHONE AMPLIFIER

Musical Fidelity has extensive experience making super headphone amps, the LX2-HPA builds on our decades of experience to deliver a great performer with beautiful, restrained and tasteful aesthetics.

A headphone amplifier is like a small power amp, relative to the load (the headphones) the technical requirements are similar: Excellent load tolerance, high stability margins, low distortion, wide bandwidth, low noise, excellent channel separation.

The LX2-HPA gives a sensual monitor level listening experience. Completely uncoloured sound delivered with virtually limitless dynamic range from a black velvet background, and perfectly placed spatial imagery.

“If you really want to play the fun factor - there’s plenty of pressure here!”

LX2-HPA REVIEW BY ANDREAS GÜNTHER -  
STEREOPLAY 08/19



## V90 SERIES

Designed for the modern music enthusiast, the V90 Series is a collection of devices designed to offer upgrades to a wide range of equipment. The V90 Series is born from Musical Fidelity's world-class design expertise and offers technical excellence, sleek good looks and, most importantly, a musical experience that is unrivalled at the price.

V90-LPS *by* MUSICAL FIDELITY

POWER OFF  
ON



# V90 SERIES

“If you want top notch performance, and don’t care about the alleged conferred status of buying a high-priced product that offers no better performance than the V90-LPS, then we are of a like mind.”

MUSICAL FIDELITY FOUNDER ANTONY

MICHAELSON ON THE V90-LPS



## V90-LPS | PHONO STAGE

The V90-LPS is a Phono Stage with outstanding sound quality at a highly affordable price.

The V90-LPS has extremely accurate RIAA correction and that extends up to 80 kHz and beyond. That may sound extreme, but there is a good deal of information above 20 kHz that needs correction. If it isn’t corrected, it will show itself as ringing and overshoot.

The V90-LPS’s distortion is very low. Noise ratio is extremely low and all but inaudible. Overload margin is easily adequate for any current cartridge. All in all, the V90-LPS accomplishes everything necessary for a phono stage.



## V90-BHA | HEADPHONE AMPLIFIER

The V90-BHA is a Balanced Headphone Amplifier for Ultimate Performance. Musical Fidelity brings the sound quality benefits of balanced audio to the consumer headphone market.

The benefits of balanced connection have long been known in the pro-audio industry, where great efforts are made to minimise noise and interference in the audio chain, particularly with low-level signals.

By using balanced connections, rather than single-ended audio, RF interference on the audio signal is effectively cancelled out, resulting in an exceptionally low noise level and a far more accurate sound.

The V90-BHA’s combination of very low distortion, extremely low noise, flat frequency response and low output impedance gives a smooth, effortless sound quality normally reserved for far more expensive products. The V90-BHA is also designed to effectively run as a dual mono amplifier when in balanced mode, which minimises cross-channel interference and maximises stereo separation.





## V90-DAC | DAC

The V90-DAC is a DAC designed to deliver stunning sound quality with a wide range of sources. Our aim was to make the best DAC in the world without breaking the bank.

We wanted to build the best DAC in the world, but to sell it at a fair price. Using state-of-the-art design techniques and components, we set out to design a DAC to produce top-notch technical performance – housed in a modest, reasonably priced package.

The V90-DAC has a balance of measurements: distortion, noise, linearity, bandwidth, and phase, which in their totality are not significantly bettered by any product at any price.

The V90-DAC is a matter of fact. Its technical and sonic performance is superlative. There are better DACs but they may cost twenty or thirty times more. Buying the V90-DAC is your personal statement of independence from overhyped claims.



## V90-BLU5 HD | BLUETOOTH STREAMING

The V90-BLU5 HD is a revolutionary new High-Tech Bluetooth Streamer with special DAC and SRC Design for complete High-End Bluetooth Playback.

The V90-BLU5 HD is a sophisticated Bluetooth receiver ideal for streaming Hi-Res music formats from smartphones, tablets, MACs and PCs right to your favourite HiFi system. It comes with an improved Bluetooth 5.0 standard for increased range and transmission bandwidth and aptX HD support.

Compared to the majority of Bluetooth receivers that use the integrated DAC on the Bluetooth chip itself, the V90-BLU5 HD goes the true high-end way. It is using a separate DAC with re-clocking and up-sampling, based on the first-class Burr-Brown chip PCM1781D. Bluetooth has never sounded this good, and you will finally have the proper integration for high-end systems, where Bluetooth is used for serious listening. Retain all the warmth, detail, transparency and dynamics in your music, which is unfortunately so often missing in other Bluetooth implementations.

“Similar to the cassette tape in the seventies, Bluetooth wasn’t originally designed for serious music reproduction.

It always takes a brand with a commitment to high-quality audio reproduction to take things to the next level.”

V90-BLU5 HD DESIGN PHILOSOPHY BY

HEINZ LICHTENEGGER -

PRESIDENT MUSICAL FIDELITY

# LOUDSPEAKER SERIES

Classic loudspeakers in British HiFi tradition.

Our LS3/5A and LS5/9 loudspeakers are manufactured according to their respective BBC R&D designs.

Over many decades, variations of these speakers have been in production by several speaker manufacturers, and we are happy to welcome the finest iterations yet to our Musical Fidelity range. There is no better place for them to call home.

Their connection with Musical Fidelity goes way back into the 80s, when the A1 integrated amplifier quickly got a reputation for being the perfect partner with its Class A amplification. The result was an astonishingly clear, detailed and warm sound stage.





## LS3/5A



## LS5/9



### SPEAKERSTANDS

A speaker stand plays a significant role on the sound quality of the whole sound system. These stands are optimized for the use with LS3/5A and LS5/9. It brings the speaker to the correct height and offers a solid stand and connection to the floor. Form follows function at its best.



### LS3/5A | LOUDSPEAKER

#### Closed Type Monitor Loudspeaker

The LS3/5A was originally designed for listening places where space was limited, like mobile control rooms for television. Due to the closed type cabinet, the LS3/5A convinces with its clear and fast playback. The LS3/5A works best in a near/mid-field listening distance between two and four meters away from the listener.



### LS5/9 | LOUDSPEAKER

#### Bass Reflex Type Monitor Loudspeaker

The Musical Fidelity LS5/9 is a two-way bass reflex speaker which was designed to reproduce sound at high levels to fulfil the complete range of music genres from classical to pop music. That is the reason it gained more and more popularity also in living rooms. It is able to deliver high sound pressure levels with low colouration and powerful bass.

THESE ARE SPEAKERS THAT  
PLAY A WONDERFULLY  
BIG SOUND. THE SPEAKERS  
DISAPPEAR FROM THE  
ROOM, AND THIS IS NOT A  
WORN-OUT “CLICHÉ”, BUT A  
FACT.

HIGH FIDELITY 07/2023

# TECHNICAL SPECIFICATIONS

## INTEGRATED AMPS

INTEGRATED AMPS	POWER OUTPUT	THD (+N)	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	INPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M2si	72 Watts per channel into 8 Ohms	< 0.014 % typical, 20Hz to 20 kHz	> 96 dB 'A'-weighted	+0, -0.1dB, 10Hz to 20 kHz	6 x line level RCA connectors	440 x 100 x 400	9.2 kg/ 13 kg
M3si	85 Watts per channel into 8 Ohms	< 0.014 % typical, 20Hz to 20 kHz	> 98 dB 'A'-weighted	+0, -0.1dB, 10Hz to 20 kHz	4x line level RCA / Phono; 1x USB type 'B' connector - Asynchronous data stream at up to 24-bit/96kHz; 1x MM Phono input	440 x 100 x 400	9.2 kg/ 13 kg
M5si	150 Watts per channel into 8 Ohms	< 0.010 % typical, 20Hz to 20 kHz	> 100 dB 'A'-weighted	+0, -0.1dB, 10Hz to 20 kHz	4x line level RCA / Phono; 1x USB type 'B' connector - Asynchronous data stream at up to 24-bit/96kHz; 1x MM Phono input	440 x 100 x 405	14.6 kg/ 18.8 kg
M6si	220 Watts per channel into 8 Ohms	< 0.007 % typical, 20Hz to 20 kHz	> 107 dB 'A'-weighted	+0, -0.1dB, 10Hz to 20 kHz	4x line level RCA; 1x line level XLR; 1x USB type 'B' connector - asynchronous data stream at up to 24-bit/96kHz; 1 x switchable phono input	440 x 125 x 400	16.6 kg/ 21.3 kg



## INTEGRATED AMPS

INTEGRATED AMPS	POWER OUTPUT	THD (+N)	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	INPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M6si500	500 Watts per channel into 8 Ohms	< 0.01% typical, 20Hz to 20 kHz	>100dB 'A'-weighted	+0, -0.1dB, 10Hz to 20 kHz	4 x line level RCA/ phono (1 with home theatre bypass)	440 x 100 x 400	9.2 kg/ 13 kg
M8xi	550 Watts per channel into 8 Ohms	<0.004% typical, 20Hz to 20 kHz	> 86 dB 'A'-weighted	+0, -0.1dB, 10Hz to 100 kHz	4 x line level RCA; 2 x line level XLR; 2x Coax S/PDIF up to 24 bit 192kHz; 2x Optical S/PDIF up to 24 bit 96kHz 1x USB B Asynchronous USB up to 24 bit 192kHz	440 x 100 x 400	9.2 kg/ 13 kg
A1	25 Watts per channel into 8 Ohms	-	> 82 dB	+ 0, -1dB, 10Hz to 40 kHz	5x line level RCA; 1x MM/MC Phono;	440 x 68 x 283	10.5 kg
Nu-Vista 800.2	330 Watts per channel into 8 Ohms	< 0.005 % typical, 20Hz to 20 kHz	> 107 dB 'A'-weighted	+0, -0.1dB, 10Hz to 30 kHz	4x line level RCA/ Phono; 1x line level XLR	483 x 187 x 510	41 kg/ 49 kg

## PRE AMPS

PRE AMPS	THD+N 20HZ TO 20KHZ	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	INPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M6sPRE	RCA single ended: <0.005% XLR balanced: <0.004%	>96dB 'A'- weighted	+0, -1dB, 10 Hz to 80 kHz	1x MM/MC RCA/ Phono; 2x XLR Bal- anced Line Level; 4x RCA Line Level; 1x USB type 'B' (square) socket	440 x 126 x 400	11.4 kg/16 kg
M8sPRE	RCA single ended: <0.005% XLR balanced: <0.004%	> 118 dB 'A'- weighted	+0, -0.1dB, 5 Hz to 100 kHz	Phono MM/MC inputs 1 pair MM/MC (switchable) level RCA connectors; 2 pairs line level XLR (bal- anced) connectors; 5 pairs line level RCA connectors;	440 x 162 x 400	17 kg / 23 kg
Nu-Vista PRE	< 0.002 % typical, 20Hz to 20 kHz	>120dB, 20Hz - 20kHz	+ 0, -1dB, 5Hz to 100 kHz	6x RCA; 6x XLR (balanced)	Nu-Vista PRE: 483 x 187,5 x 491 Nu-Vista PRE PSU: 483 x 187,5 x 475	Nu-Vista PRE: 22 kg / 30 kg Nu-Vista PRE PSU: 25 kg / 34 kg

## POWER AMPS

POWER AMPS	POWER OUTPUT	THD (+N)	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	INPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
Nu-Vista PAS	300 Watts per channel into 8 Ohms	< 0.003 % typical, 20Hz to 20 kHz	>108dB 'A'-weight- ed	+ 0, -1dB, 5Hz to 50 kHz	2 x line level RCA 2 x line level XLR	Nu-Vista PAS: 483 x 187,5 x 475 Nu-Vista PAS PSU: 483 x 187,5 x 475	Nu-Vista PAS: 27 kg / 35 kg Nu-Vista PAS PSU: 40 kg / 50 kg
Nu-Vista PAM	600 Watts into 8 Ohms	< 0.003 % typical, 20Hz to 20 kHz	>108dB 'A'-weight- ed	+ 0, -1dB, 5Hz to 50 kHz	2 x line level RCA 2 x line level XLR	Nu-Vista PAM: 483 x 187,5 x 475 Nu-Vista PAM PSU: 483 x 187,5 x 475	Nu-Vista PRE: 27 kg / 35 kg Nu-Vista PRE PSU: 40 kg / 50 kg

## POWER AMPS

POWER AMPS	POWER OUTPUT	THD (+N)	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	INPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M6sPRX	230 Watts per channel into 8 Ohms	< 0.007% typical, 20 Hz to 20 kHz	> 120 dB	+0, -0.1dB, 10 Hz to 100 kHz	2 x line level RCA 1 x line level XLR	440 x 125 x 395	19.7 kg / 24.4 kg
M8s-500s	500 Watts per channel into 8 Ohms	<0.007% typical, 20 Hz to 20 kHz	> 120 dB 'A'-weighted	+0, -0.1dB, 10 Hz to 80 kHz	1 x line level RCA 1 x line level XLR	440 x 100 x 400	9.2 kg/ 13 kg
M8s-700m	700 Watts per channel into 8 Ohms	<0.007% typical, 20 Hz to 20 kHz	> 120 dB 'A'-weighted	+0, -0.1dB, 10 Hz to 80 kHz	1 x mono line level RCA; 1 x mono line level XLR	440 x 160 x 460	30 kg / 35.5 kg

## PHONO PREAMPS

PHONO PREAMPS	MM	MC	RIAA RESPONSE	IEC SELECTABLE	INPUTS	OUTPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
V90-LPS	Input Impedance: 47 K $\Omega$ • Input Sensitivity: 3.0mV • THD: <0.01% • SNR: >80dB • Overload margin: 15dB	Input Impedance: 100 $\Omega$ • Input Sensitivity: 400 $\mu$ V • THD: <0.01% • SNR: >70dB • Overload margin: 22dB	$\pm$ 0.25dB	NO	1 x phono MM RCA 1 x phono MC RCA	1 x line level RCA	170 x 47 x 102	600 g/ 1.1 kg



## PHONO PREAMPS

PHONO PREAMPS	MM	MC	RIAA RESPONSE	IEC SELECTABLE	INPUTS	OUTPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
LX2-LPS	Input Impedance: 47 K $\Omega$ • Input Sensitivity: 3.0mV • THD: <0.01% • SNR: >80dB • Overload margin: 15dB	Input Impedance: 100 $\Omega$ • Input Sensitivity: 300 $\mu$ V • THD: <0.01% • SNR: >70dB • Overload margin: 22dB	$\pm$ 0.25dB	NO	1 x phono MM RCA 1 x phono MC RCA 1 x MM load RCA 1 x MC load RCA	1 x line level RCA	172 x 46.5 x 197	1.05 kg/ 1.50 kg
MX-VYNL	Input Capacitance/ Impedance: 50 – 400 pF/47 K $\Omega$ • Channel separation: < -86dB • SNR: >101dB • THD: <0.007% • XLR input: 5mV / 2.5mV selectable • 70mV max (23dB headroom)	Input Impedance: 10 $\Omega$ – 47 K $\Omega$ • Channel separation: < -83dB • SNR: >98dB • THD: <0.01% • XLR input: 0.8mV / 0.4mV selectable, 12mV max (24dB headroom)	$\pm$ 0.1dB	YES	1 x balanced mini XLR 1 x phono RCA	1 x line level RCA; 1 x line level XLR	220 x 53 x 215	1.9Kg / 2.4 Kg
M6x Vinyl	Input Capacitance/ Impedance: 50 – 400 pF/47 K $\Omega$ • Input Sensitivity: 5mV in for 500mV out (at 1 kHz) • THD: <0.005dB • Overload margin: 26dB • SNR: >101dB	Input Impedance: 25 – 1200 $\Omega$ • Input Sensitivity: 500 $\mu$ V in for 500mV out (at 1 kHz) • THD: <0.02dB • Overload margin: 26dB • SNR: >90dB	$\pm$ 0.2dB	YES	2 x phono RCA 1 x phono XLR	1 x line level RCA; 1 x line level XLR	440 x 100 x 385	5.5 kg / 11 kg
Nu-Vista Vinyl 2	Input Capacitance/ Impedance: 50 – 400 pF/47 K $\Omega$ • Input sensitivity - 5mV in for 500mV out (at 1 kHz) • THD: <0.005% • Overload margin: 32dB • SNR: >110dB	Input Impedance: 5 $\Omega$ – 47 K $\Omega$ • Input sensitivity - 500 $\mu$ V in for 500mV out (at 1 kHz) • THD: <0.008% • Overload margin: 32dB • SNR: >98dB	$\pm$ 0.2dB	YES	2 x phono RCA 2 x phono XLR	1 x line level RCA; 1 x line level XLR	483 x 188 x 510	22 kg

## PHONO PREAMPS

PHONO PREAMPS	MM	MC	RIAA RESPONSE	IEC SELECTABLE	INPUTS	OUTPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M3x Vinyl	Input Capacitance/ Impedance: 50 – 400 pF/47 K $\Omega$ • Input Sensitivity: 5mV in for 500mV out (at 1 kHz) • THD: <0.028dB • SNR: 95dB • Crosstalk: 100dB	Input Impedance: 25 – 1200 $\Omega$ • Input Sensitivity: 500 $\mu$ V in for 500mV out (at 1 kHz) • THD: <0.02dB • SNR: 80dB • Crosstalk: >90dB	$\pm$ 0.2dB	YES	1 x phono RCA	1 x line level RCA	440 x 105 x 390	6.59 kg/ 10.15 kg

## HEADPHONE AMPS

HEADPHONE AMPS	POWER OUTPUT	THD+N	FREQUENCY RESPONSE	SIGNAL TO NOISE RATIO	INPUTS	OUTPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
V90-BHA	750mW per channel into 32 Ohms	>0.005% typical, 20Hz to 20 kHz	+0, –3dB, <10Hz to 37 kHz	>109dB 'A' -weighted	1 x line level XLR 1 x line level RCA	1 x line level RCA; 1 x stereo mini XLR; 1 x headphone stereo jack (3.5mm)	170 x 47 x 117	600 g/ 1.1 kg
LX2-HPA	64mW per channel into 50 Ohms	>0.0035% typical, 20Hz to 20 kHz	+0, –0.1dB, 10Hz to 20 kHz	>112dB 'A' -weighted	1 x line level RCA	1 x line level RCA; 1 x headphone stereo jack (6.3mm); 1 x headphone stereo jack (3.5mm)	172 x 46.5 x 197	1.05 kg/ 1.50 kg
MX-HPA	1.8 Watts per channel into 8 Ohms	< 0.014 % typical, 20Hz to 20 kHz	+0, –0.1dB, 10Hz to 20 kHz	>120dB 'A' -weighted	1 x line level XLR 1 x line level RCA	2 x 3-pin XLR/¼" + stereo Jack combined sockets	220 x 53 x 240	2.2 kg/ 3.7 kg

## CD PLAYERS

CD PLAYERS	JITTER	FREQUENCY RESPONSE	SIGNAL TO NOISE RATIO	THD	LINEARITY	DAC CIRCUIT	CHANNEL SEPARATION	INPUTS	OUTPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M2scd	<135 pico-seconds peak to peak	10Hz to 20 kHz -0.2dB max.	>117dB "a"- wtd.	<0.003% 10Hz to 20 kHz	<0.1dB down to -96dB	24 bit Delta-Sigma (bit stream) dual differential 8x over-sampling	>105dB 20 Hz to 20 kHz	NA	1 x line level RCA 1 x digital coaxial SPDIF; 1 x digital TOSLINK optical	440 x 100 x 375	6.65 kg / 10.5 kg
M3scd	<135 pico-seconds peak to peak	10Hz to 20 kHz -0.2dB max.	>117dB	<0.003% 10Hz to 20 kHz	<0.1dB down to -96dB	24 bit Delta-Sigma (bit stream) dual differential 8x over-sampling	>105dB 20 Hz to 20 kHz	1 x digital coaxial SPDIF; 1 x digital TOSLINK optical 1x USB asynchronous type 'B'	1 x line level RCA 1 x digital coaxial SPDIF; 1 x digital TOSLINK optical	440 x 100 x 380	6.05 kg / 9.9 kg
M6scd	<135 pico-seconds peak to peak	10Hz to 20 kHz -0.2dB max.	>117dB	<0.003% 10Hz to 20 kHz	<0.1dB down to -96dB	32 bit Delta-Sigma (bit stream) dual differential 8x over-sampling	>105dB 20 Hz to 20 kHz	2 x digital coaxial SPDIF; 2 x digital TOSLINK optical 1x USB asynchronous type 'B'	1 x line level RCA 1 x line level XLR 1 x digital coaxial SPDIF; 1 x digital TOSLINK optical	440 x 125 x 385	11.2 kg / 15.5 kg

## DACs

DACs	JITTER	FREQUENCY RESPONSE	SIGNAL TO NOISE RATIO	THD	LINEARITY	DAC CIRCUIT	CHANNEL SEPARATION	INPUTS	OUTPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
V90-DAC	<12 pico-seconds peak to peak	+0, -0.1dB, 20Hz to 20 kHz	-117dB, 20Hz to 20 kHz	<0.004% 20Hz to 20 kHz	NA	32bit/192kHz Multi-bit Sigma-Delta type + up-sampling to 192kHz	-104dB, 20Hz to 20 kHz	1 x digital coaxial SPDIF; 2 x digital TOSLINK optical 1x USB asynchronous	1 x line level RCA	170 x 47 x 102	600 g / 1.1 kg
MX-DAC	NA	-3dB, 2Hz to 90kHz	NA	<0.003%	NA	PCM1795 32 bit / 192kHz Multi-bit Sigma-Delta type + SRC 4392 up-sampling data to 192kHz	>110dB	NA	1 x line level RCA 1x line level XLR	220 x 53 x 215	1.9 kg / 2.4 kg
M6x DAC	<12 pico-seconds peak to peak	-0,1dB at 10Hz, 0dB at 1kHz, -0,4dB at 20kHz	>130dB	< 0,0005% at 1kHz @ 0dBFS	<0.4dB down to -130dB	32 bit Hyper-stream II	>130dB at 10kHz @ 0dBFS	1 x digital coaxial SPDIF; 2 x digital TOSLINK optical; 1x USB; 1x AES/EBU	1 x line level RCA 1 x line level XLR 1 x headphone 6.3mm jack	440 x 100 x 390	6.9 kg / 10.3 kg
Nu-Vista DAC	<12 pico-seconds peak to peak	-0,5dB at 10Hz and 20kHz	>120dB	< 0,003% at 1kHz @ 0dBFS	<0.5dB down to -130dB	32 bit Hyper-stream II	>130dB at 10kHz @ 0dBFS	1 x digital coaxial SPDIF; 3 x digital TOSLINK optical; 1x USB; 1x AES/EBU	1 x line level RCA 1 x line level XLR	483 x 188 x 510	21.5kg



## MULTICHANNEL POWER AMPS

POWER AMPS	POWER OUTPUT	THD (+N)	SIGNAL TO NOISE RATIO	FREQUENCY RESPONSE	INPUTS	SIZE W, H, D (mm)	WEIGHT (unpacked/packed)
M6x 250.4/2	2-channel bridged: 250W/4 ohms; 4-channel: 175W/4 ohms;	0,003% at 100W power output	105dB at 1kHz at 200W power output	20Hz - 20kHz for 0,5dB	4 x line level RCA 4 x line level XLR	435 x 110 x 430	21.5 kg / 24 kg
M6x 250.5	5x 250W/4 ohms	0,003% at 100W power output	105dB at 1kHz at 200W power output	20Hz - 20kHz for 0,5dB	5 x line level RCA 5 x line level XLR	435 x 195 x 430	30.5 kg / 34 kg
M6x 250.7	7x 250W/4 ohms	0,003% at 100W power output	105dB at 1kHz at 200W power output	20Hz - 20kHz for 0,5dB	7 x line level RCA 7 x line level XLR	435 x 195 x 435	32.5 kg / 35 kg
M6x 250.11	3x 250W/4 ohms 8x 150W/4 ohms	<0.007% typical, 20 Hz to 20 kHz	105dB at 1kHz at 200W power output	20Hz - 20kHz for 0,5dB	11 x line level RCA 11 x line level XLR	440 x 205 x 435	35.5 kg / 38.5 kg

## LOUDSPEAKERS

SPEAKER	TYPE	FREQUENCY RESPONSE	NOMINAL IMPEDANCE	SENSITIVITY	WOOFER	TWEETER	RECOMMENDED AMPLIFIER	CABINET	FINISH	SIZE W, H, D (mm)	WEIGHT (per speaker)
LS 3/5A	Two way, closed type	80Hz-20KHz +/-3dB	15 Ohms	82.5dB/W/M	110mm Cone	19mm Dome	20-150W	12mm birch plywood	Palisander veneer	305 x 190 x 165	4.9 kg
LS 5/9	Two way, bass reflex type	50Hz-20KHz +/-4dB	8 Ohms	89dB/W/M	210mm Cone	34mm with phase correction	Power Handling: 100 Watts unclipped	9mm birch plywood	Cherry veneer	460 x 275 x 285	12 kg

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# MUSICAL FIDELITY

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