



CAMBRIDGE
AUDIO

EDGE



REDISCOVER MUSIC WITH EDGE



Cambridge Audio. For People Who Listen.

Music lovers around the world are missing out. You're missing out.

Poor quality sound systems are everywhere, polluting our world with noise. We're forced to accept bad sound experiences as the norm, which means there are moments in your music, ideas from your favourite artists, that you've never felt in full. That's a crime.

Music is ever present. It shapes who we are. It inspires us, changes us, moves us. We define ourselves through our musical tastes. So why do we let it be demeaned and devalued? Don't we want to hear our music at its best?

We want you to hear your music at its very best, as the artist intended it to be heard, with nothing added, nothing taken away. That's what we've always wanted because that's what music lovers like us deserve. It's why we are constantly experimenting, solving problems and creating new kit. It's why we've been doing what we do for the last 50 years. It's why we're always trying to make the listening experience better. Pure.

However you listen, whatever your budget, our goal is simple: Give you the best possible sound, at the fairest possible price.

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Reviews

'The Edge A is, as they used to say, pure sex, and that's before you even plug it in...

...Some [audiophiles] believe that a separate power and preamplifier is the only way to achieve point-of-diminishing-returns sound quality. But as the Edge A integrated stands ready to show, they're wrong. I've heard the proof.'

SOUND & VISION, DECEMBER 2018

'Cambridge Audio has surpassed itself with the Edge NQ/W combination... lovely to look at, nice to use and packed to the gunwales with features.'

HI-FI CHOICE, MARCH 2019

'Accomplished is a word we can use to describe the Edge NQ... ..It performs as well as a separate pre-amp costing around £1300, as a DAC and streamer that'd set you back a grand each, and packs it all into one, gorgeous unit with an impressive headphone amplifier to boot.

Simply put, if we had a budget of £3500 for a pre-amp and streamer, we'd buy the Edge NQ.'

WHAT HI-FI?, DECEMBER 2018

'Cambridge Audio's most powerful and detailed integrated amplifier ever... .. If you were to build out the perfect hi-fi system for your dream house, this amplifier would probably be at its heart.'

GEAR PATROL, DECEMBER 2018

'[W]hat really gives this integrated amp 'the edge' over its rivals is its compelling music delivery. Mixing room-shaking prowess with effortless purity, it's nothing short of a marvel at the price.'

AV TECH MEDIA, NOVEMBER 2018

'[Edge A is a] stunning new integrated amplifier. Cambridge Audio has long held the reputation of making affordable giant killers. In its 50th year, it made its own giant, and even that is still a giant killer in its own right.'

HI-FI +, DECEMBER 2018

'[T]his is a truly high-end contender with totally convincing performance, design and build... You'd have to spend considerably more to match or better the quality on offer here...'

HIFI NEWS, NOVEMBER 2018

'Jaw-dropping fun...'

STEREOPHILE, DECEMBER 2018

EDGE A INTEGRATED AMPLIFIER



Our journey to the Edge

It's been 50 years since our founders, a group of young, talented technology graduates from Cambridge, England, established a high-technology R&D and prototyping business. They didn't know it at the time, but their first product, the P40 integrated amplifier, would launch their company on a journey to the forefront of high-fidelity audio.

During our first five decades, we've witnessed the world of music change and evolve. From the swinging 60s, through the New Wave of the 80s and Brit Pop of the 90s to the incredibly broad and diverse landscape in which we find ourselves today. And as tastes have changed, so have the ways people listen to music. From vinyl to digital streaming (and back again), we've been proud to be at the vanguard of these developments, creating products to help people get the best from their music.

But there's one thing that hasn't changed in those 50 years - our unwavering dedication to creating world class audio products that remove barriers between people and their music, offering a pure, unfiltered experience.

Today, we share with you the pinnacle of our 50-year journey. A range of hi-fi separates that combines all the engineering and design expertise we've accrued in our first half-century, that features many of the technologies we've created since our founding and showcases the pure, unfiltered 'British sound' that our products are renowned for. Today, we introduce you to Edge.



Stuart George, Managing Director





In service of the Great, British Sound

In the 60s, three things happened simultaneously that transformed how British music was heard around the world. Firstly, British bands – bands like The Beatles, The Who, The Rolling Stones – began to enjoy global success at previously unprecedented levels. Secondly, British record producers began to lead the way in recording techniques and multi-track recording, expanding what was possible within the studio. And finally, British manufacturers started to make the best high-fidelity audio equipment in the world.

Britain made a name for itself in all three areas as the studios and manufacturers developed systems to capture and replay artists' music more organically than previously possible. This pure, natural sound became recognisably 'British'.

The aim of the manufacturers championing the 'British Sound' was to remove all barriers between the artist and the listener, presenting the music just as the creators intended you to hear it: nothing added, nothing taken away.

So this is why, ever since we released the P40 amplifier in 1968, we have pursued one simple objective; produce audio equipment that faithfully creates a pure and natural sound.





Gordon Edge

A talented engineer and champion of the British Sound, Professor Gordon Edge – one of Cambridge Audio's founders – was the brains behind the innovation and design of our first product, the groundbreaking P40 integrated amplifier. In recognition of our heritage and his achievements, we developed Edge in his name. The embodiment of Cambridge Audio's signature Great British Sound and the pinnacle of 50 years of hi-fi expertise.

LONDON HQ HERE



OUR LONDON HQ IS IN THE SHADOW OF THE SHARD

Designed & engineered in Great Britain

All of our design, research and development is carried out by our teams based in our Central London HQ. Our UK headquarters are just one part of our operation. We have offices around the globe in Hamburg, Hong Kong and Chicago.

A history of iconic products

Over 50 years, our quest to bring Great British Sound to people's homes inspired the development of numerous iconic products. Each a stepping stone, paving the way toward the very best hi-fi system we've ever made.



1968

P40 STEREO AMPLIFIER

Our first product pioneered the use of toroidal transformers in integrated amplifiers. This is where our journey began.



1971

R50 TRANSMISSION LINE SPEAKERS

The R50 was our first foray into loudspeakers. They stood at 7ft tall and weighed 44kg.



1995

A1 INTEGRATED AMPLIFIER

The first product released after Cambridge Audio was acquired by James Johnson-Flint and Julian Richer, the A1 launched our brand internationally.



1996

DACMAGIC

The DacMagic was our first big award winner, notably picking up What Hi-Fi?'s DAC of the year award.



2013

AERO & AEROMAX SPEAKERS

Using our innovative BMR speaker technology, we turned traditional speaker design on its head with Aero. Aeromax followed, using improved BMR drivers, cabinets and crossovers.



2013

MINX WIRELESS SPEAKERS

With the Minx Air speakers, we stepped out of our hi-fi comfort zone. The Minx Go followed shortly after and became one of our best-selling products ever.



1984

C75 PREAMP AND A75
POWER AMP

This pre- and power amplifier combo used high current output stages and a new, low distortion amplifier design called 'segmented equalisation'.



1985

CD1

The CD1 was the world's first two-box CD player. To this day, it is still recognised as a landmark product in CD reproduction.



2003

AZUR SERIES

The Azur series offers excellent, high-end audio but more affordably than comparable products. It's evolved over the years, with 851 the latest incarnation.



2011

NP30

The NP30 introduced the world to our proprietary StreamMagic platform. This platform has evolved over the years and won countless awards.



2015

CX SERIES

This range of hi-fi separates is also our most celebrated, with numerous accolades and 5-star reviews.



2018

EDGE SERIES

The pinnacle of 50 years hi-fi experience...

Our innovations

Manufacturing audio equipment that faithfully produces a pure and natural sound requires creativity and innovation. Over the years, our engineers have developed unique technologies, instead of using 'off-the-shelf' solutions, that are designed specifically for audio quality and feature in multiple Cambridge Audio products. The skills and tools we've developed over decades of problem-solving come together across the Edge series.

STREAMMAGIC ON THE EDGE NQ PREAMPLIFIER WITH NETWORK PLAYER

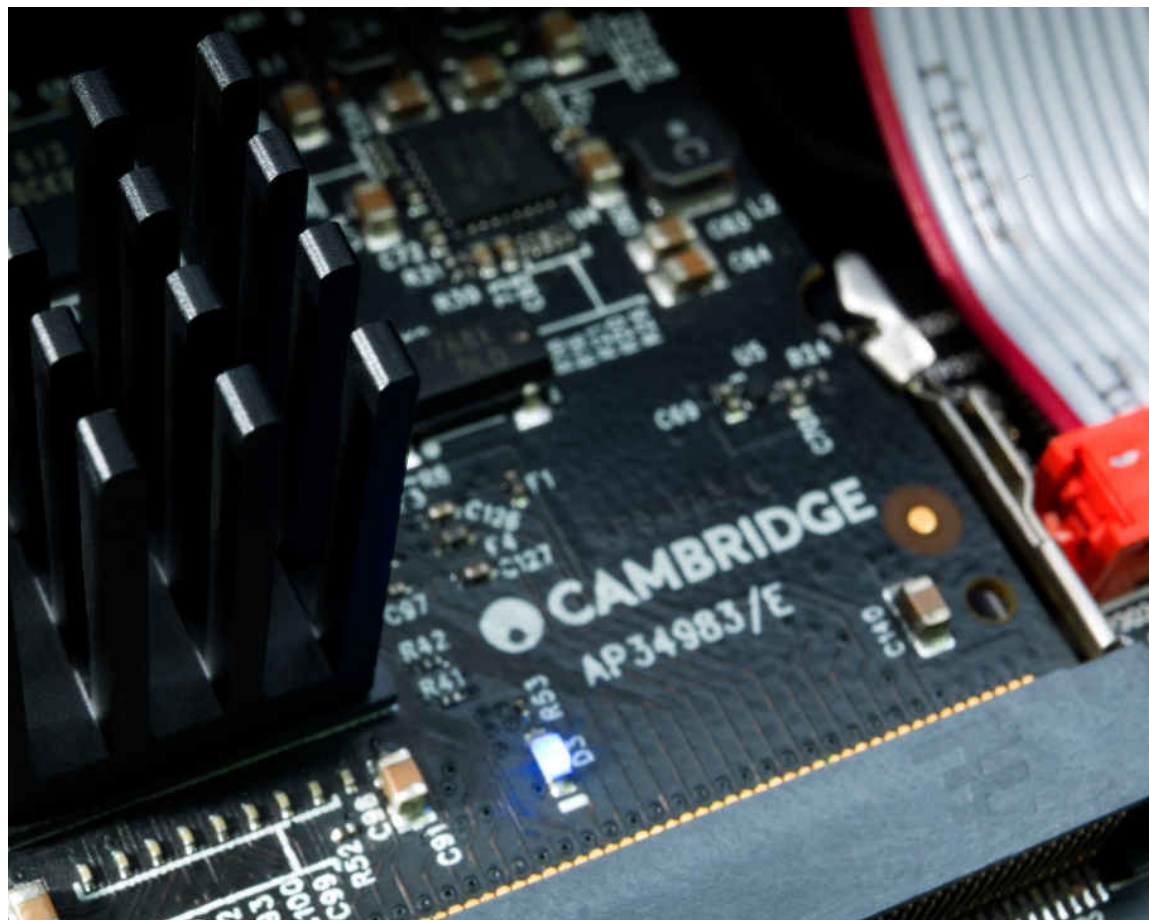




STREAMMAGIC STREAMING MODULE

STREAMMAGIC

This is the award-winning streaming module that sits at the heart of all our network players. It's because of this chip that our streaming products have picked up countless What Hi-Fi? awards. The custom hardware and bespoke software give us flexibility to adapt and change our technology far quicker than similar modules picked off the shelf. StreamMagic delivers a high-speed and simple-to-use streaming experience, offering access to a variety of streaming and digital audio options.

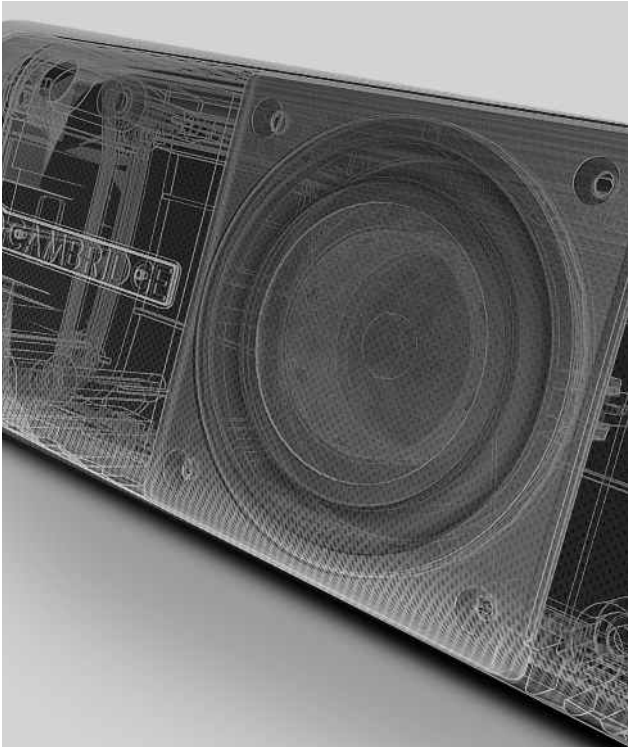


STREAMMAGIC STREAMING MODULE

TOROIDAL TRANSFORMERS

We pioneered the use of toroidal transformers in amplifiers. In Edge, we take this one step further, using opposing symmetry twin toroidal transformers. This cancels out electromagnetic interference, offers outstanding power and maintains consistent tonality at any volume.





BMRS ARE FOUND IN ALL OUR TV PRODUCTS

BALANCED MODE RADIATORS

Our 'Balance Mode Radiator' (BMR) speaker drivers bring unique advantages for audio reproduction. Unlike traditional piston or flat panel speakers, BMRs combine vertical and horizontal dispersion using Horizontal Vibration Modes. This means BMRs can deliver a much wider soundstage and a truly room-filling performance. Wherever you're sat in the room, it's guaranteed to sound like the sweet spot.



MIN 22 SPEAKERS UTILISE OUR BMR TECHNOLOGY

Rediscover Music With Edge

In the build-up to our 50th anniversary, we asked our engineers a simple question – what would they make if anything was possible?

Forget cost. Forget limitations. Create a system that delivers previously undiscovered layers of detail, is highly transparent, offering superlative soundstaging. A product true to Cambridge Audio's foundations of creative innovation and entrepreneurial ambition.

Over three years in the making, from a team of nine engineers, the result is Edge.





EDGE NQ PREAMPLIFIER WITH NETWORK STREAMER + EDGE W POWER AMPLIFIER

INTRODUCING THE EDGE SERIES

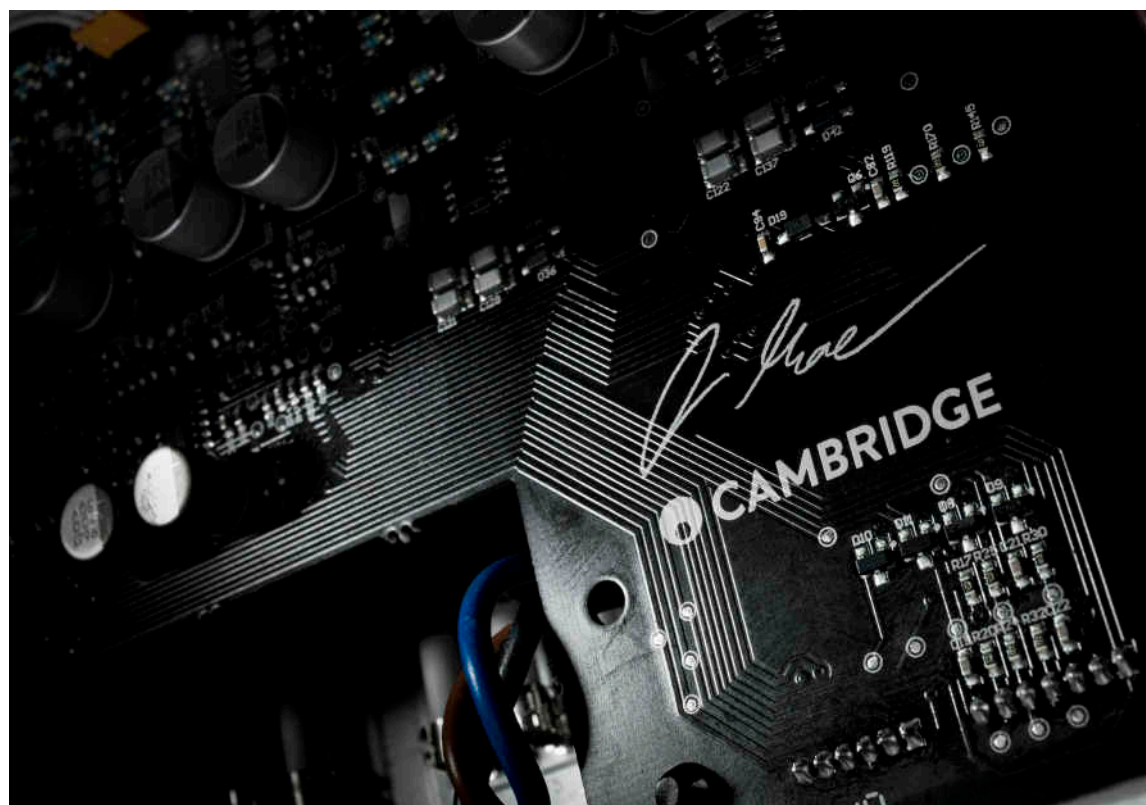
A TEAM OF NINE ENGINEERS WORKED TIRELESSLY ON CREATING EDGE



Listen first. Measure later.

We only ever choose components for their sonic merits.
Not price, not specs, nor measured performance.

This 'listen first, measure later' ethos means blind-auditioning all price and performance levels and only selecting those that sound the most dynamic, give the greatest presence and offer a revealing clarity; in short, the most musical.



Keep the signal path short

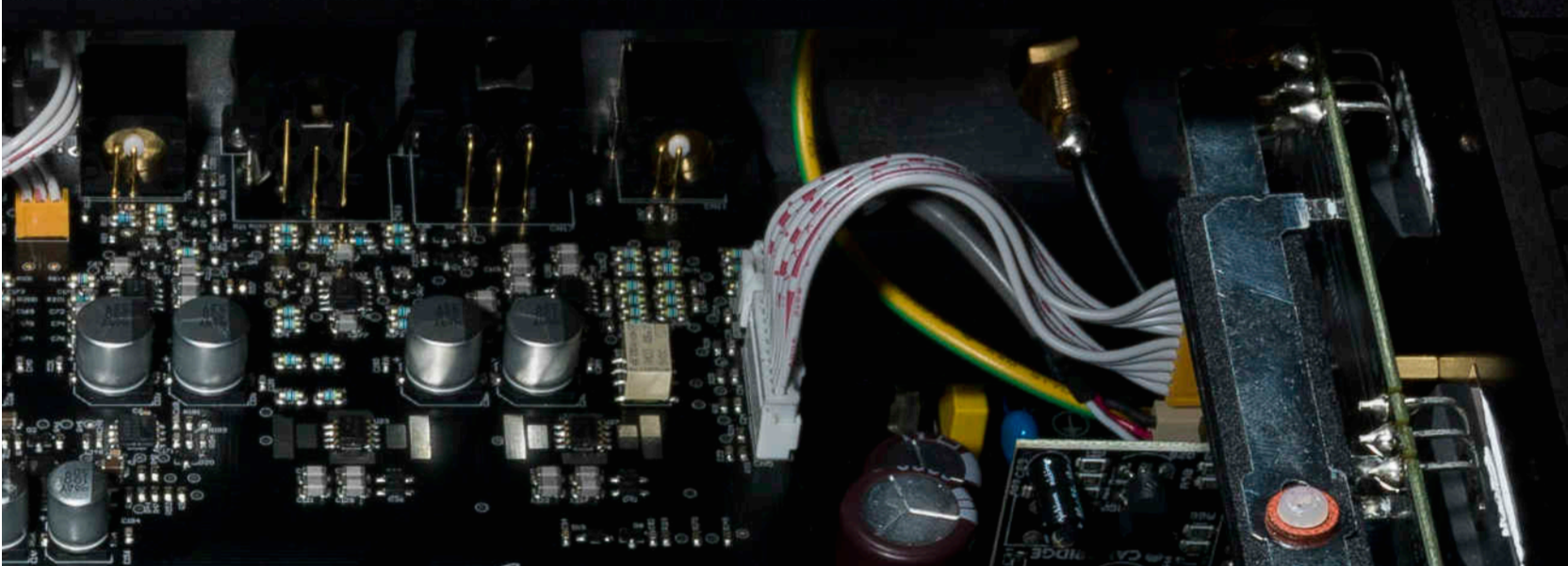
Across the Edge series, our goal has been to remove unnecessary components from the signal path to ensure nothing is added to the music and that what you hear is a pure and unfiltered rendition of what the creators intended.

Our power amplifier, Edge W, for example, features only 14 components in the signal path. This design philosophy is also applied to Edge M, Edge A and Edge NQ, which is part of what makes the different units across the series work perfectly together. Its exterior may be minimal, but the engineering inside to accomplish this is complex. The payoff, however, is immediately obvious: Edge delivers a faithful reproduction of the original recording.





EDGE W. POWER AMPLIFIER COMPONENTS



GED, LEAD DESIGNER ON THE EDGE PROJECT



British Sound personified

Five decades ago, our founders had a vision – to create hi-fi systems that delivered the Great British Sound into people's homes.

Much like the technical design of Edge, its physical construction is driven by an industrial, functional and minimalistic approach. Its simplistic interface removes buttons and switches for a clean, pure aesthetic that mirrors its clean, pure sound.

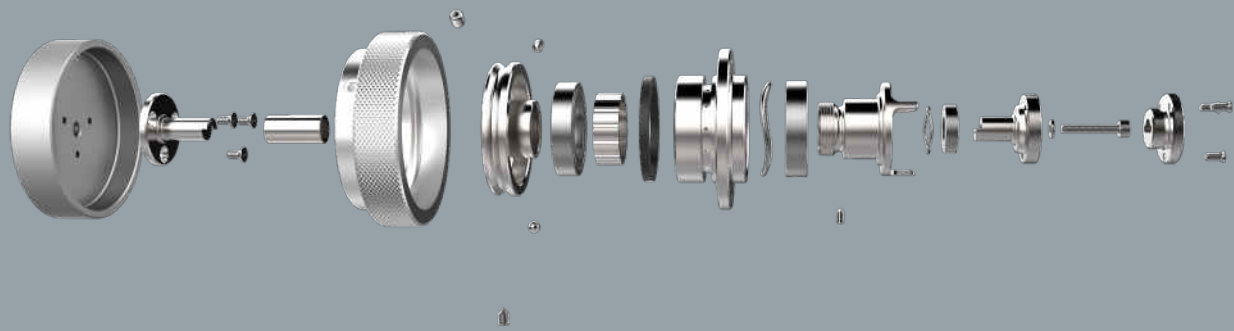
Each component has a curved extruded aluminium front and floating top plate to create a modern design that becomes the centrepiece of any listening space. And each features a refined 'Lunar Grey' finish to round out the design.

Stunning visuals on the NQ are displayed on a crisp 5" High-Res TFT screen, ensuring album artwork and metadata is presented with beautiful clarity, without compromising on navigation.



Complex simplicity

Gone are the rows of buttons and dials you often see on high-end audio kit. Instead, Edge features one high-quality dual concentric volume and source select control knob, enabling you to navigate menus and control the volume with a simple twist.



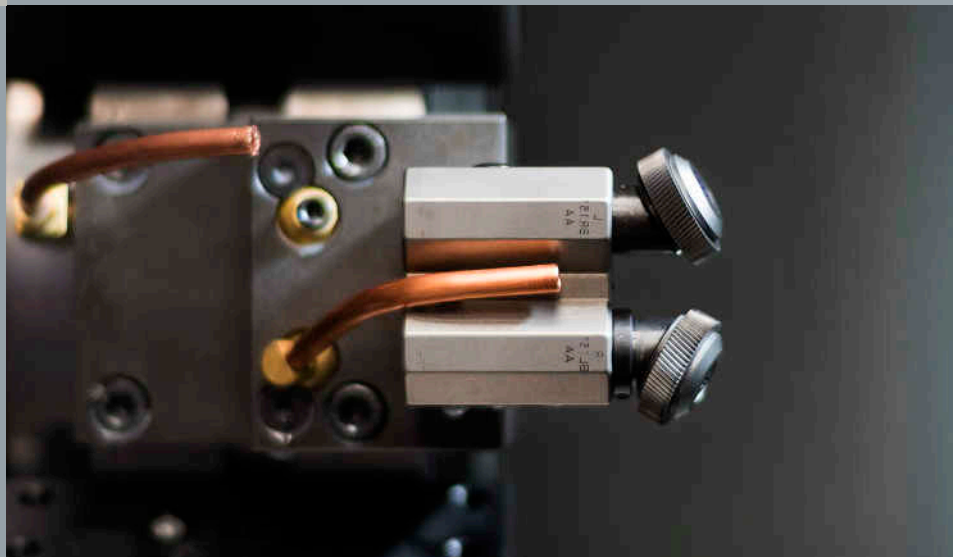
THE EDGE KNOB ASSEMBLED BY HAND IN THE UK

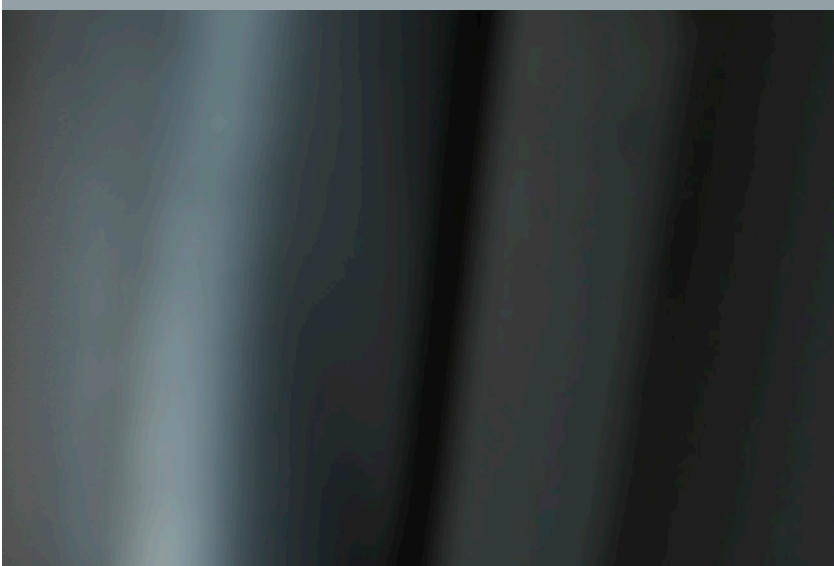


ASSEMBLED BY HAND

Designed and assembled in the UK, this mechanical marvel comprises 31 precision-milled engineered parts, all made from aerospace-grade materials. The complexity inside enables the most intuitive and purest of interfaces.

PRECISION TOOLING FOR THE DUAL CONCENTRIC KNOB





Effortless power without distortion

Innovatively for Edge, we developed a new amplifier topology that enjoys the sound quality of standard Class A amplification but with significantly improved efficiency and reduced heat. To do this, we added a bias voltage to a traditional Class AB design, shifting the crossover point outside the range of human hearing. The end result is effortless power, achieved without distortion, or any other compromises to sound.



EDGE A INTEGRATED AMPLIFIER

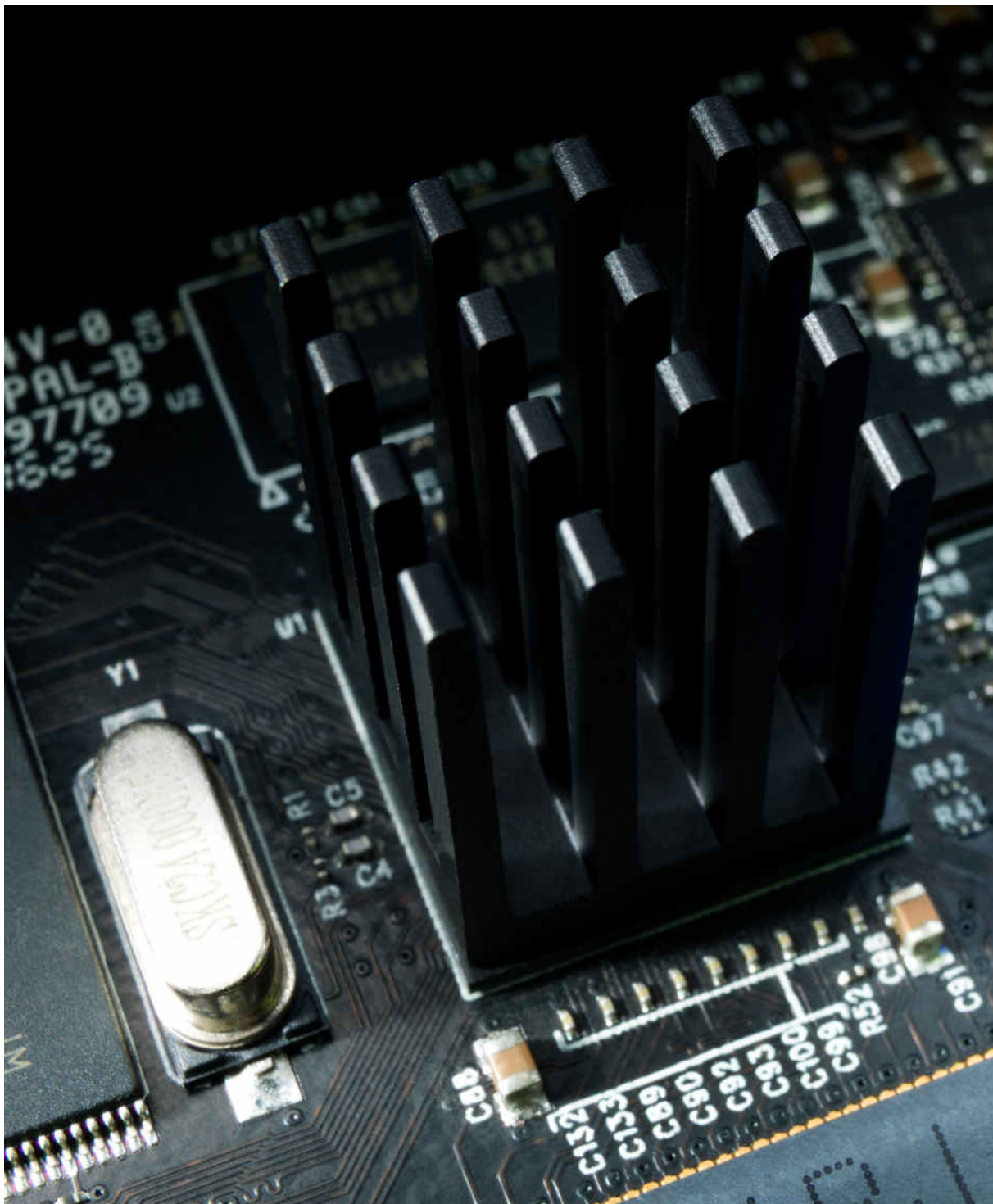
OPPOSING SYMMETRY TWIN TOROIDAL TRANSFORMERS

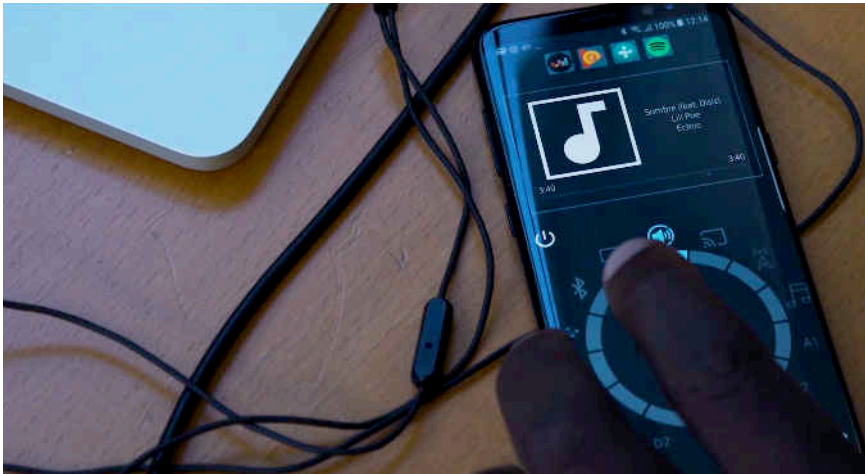
By stacking the two main transformers back to back, we've dramatically reduced stray magnetic fields and virtually eliminated damaging hum. This unique method gives less distortion in the audio path, meaning a more detailed resolution at any volume



Award-winning streaming software

Since 2011, we've been developing our own, proprietary streaming solution, StreamMagic. Since its inception, various versions have powered award-winning products, such as the StreamMagic 6, NP30, CXN, and 851N. With Edge, we've included the best version of StreamMagic ever, supporting audio from virtually any audio source to offer you versatility you've never experienced from a network player.





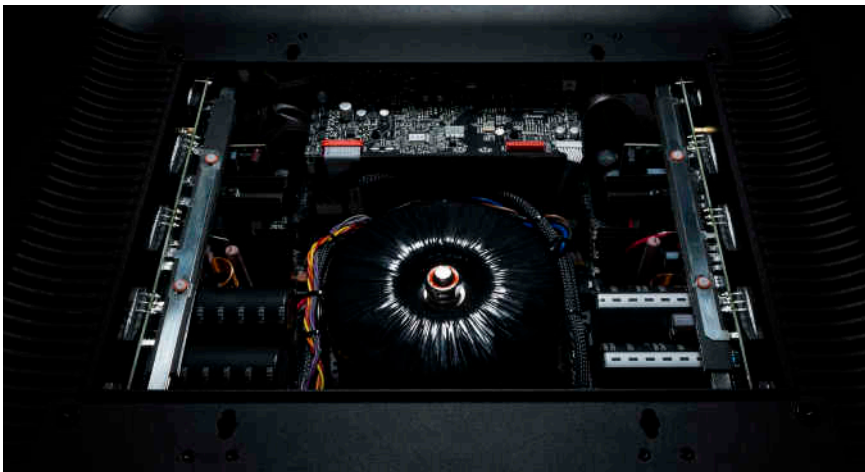
FULL CONTROL

To compliment the newest version of StreamMagic, we built Edge its very own Android and iOS apps from the ground up. The goal was to develop an app that mirrored the simplicity and straightforwardness of interacting with Edge physically, ensuring a consistent, intuitive user experience.



DIGITAL INPUT BOARD

We want you to be able to listen to digital content from a wide range of sources at up to 32bit/384kHz and DSD 256. So our input board has a digital coaxial, ARC (Audio Return Channel), USB and two S/PDIF connections for versatility.



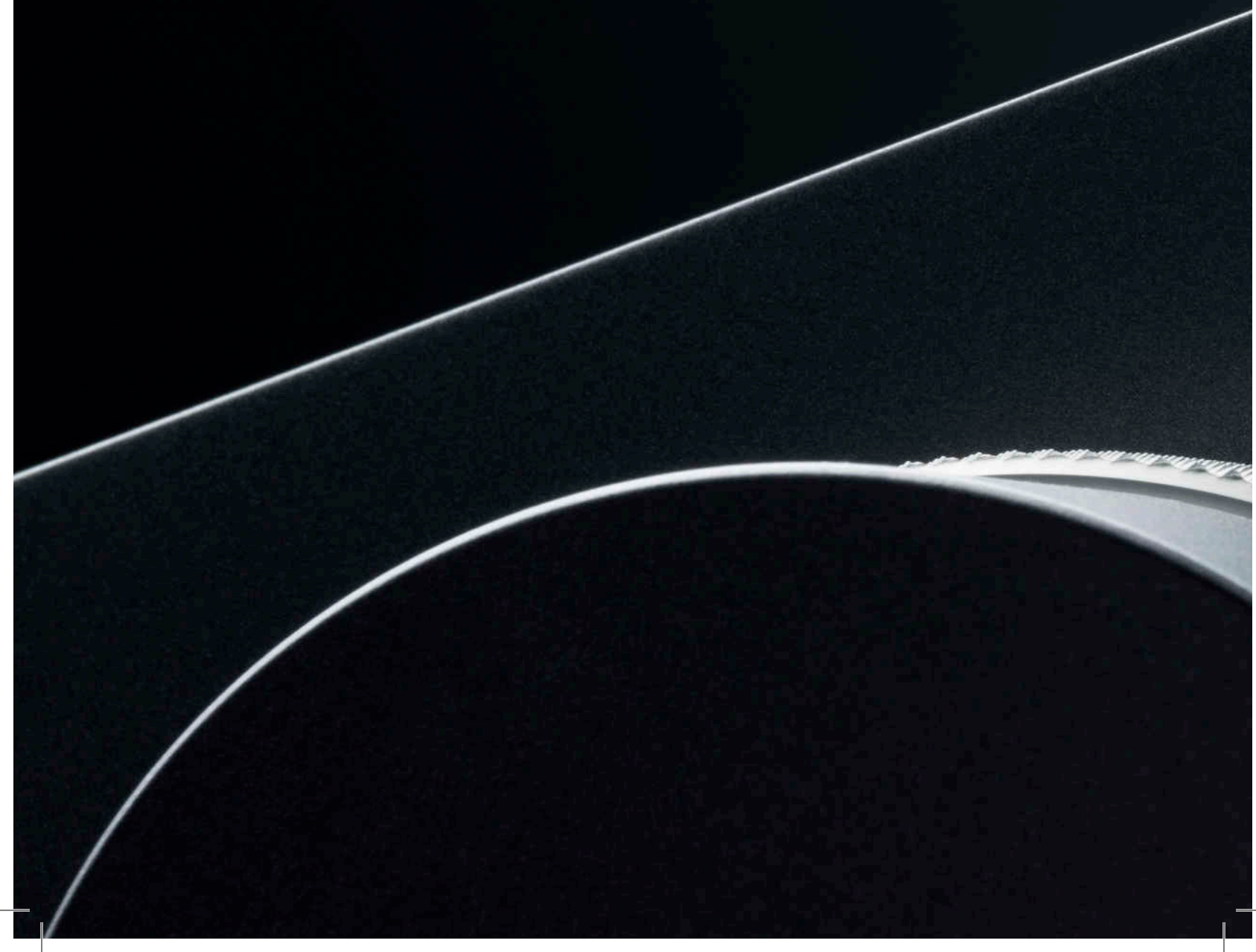
PREAMPLIFIER PRINTED CIRCUIT BOARD

We've designed Edge with a circuit board unlike any other. Conventional capacitors were replaced with a DC coupled topology, which reduces distortion.

We use a solid state volume control to ensure perfect channel balance at any volume.

INTRODUCING THE EDGE SERIES

REDISCOVER MUSIC WITH EDGE



EDGE NQ PREAMPLIFIER WITH NETWORK PLAYER

'Love at first sight'

ANDREAS EICHELSDÖRFER,
EDITOR, AUDIO MAGAZINE

INTRODUCING THE EDGE SERIES





CAMBRIDGE

EDGE W POWER AMPLIFIER + EDGE A INTEGRATED AMPLIFIER

INTRODUCING THE EDGE SERIES

EDGE A INTEGRATED AMPLIFIER



**‘Stunning levels of industrial design
and build quality that would be
suitable in products costing two
to three times as much’**

DOUG SCHNEIDER, SOUNDSTAGE! HI-FI

OUR MOST DETAILED INTEGRATED AMPLIFIER

Edge A is made to celebrate musicality. Riffs, phrases, percussive rolls – take in every detail of your music thanks to its dynamic setup. Effortlessly powerful but with incredible depth, the overall sound is breathtaking – like you're sat in the studio with the musician themselves.

BREATHTAKING MUSICALITY

Edge A is designed to bring musical detail to life. It delivers a finely balanced sound with a depth and clarity that come through with every note. We developed the system by ear, testing every component and only choosing those that blew us away. The end result is a groundbreaking arrangement that produces a much cleaner signal path and lets your music breathe. Edge A perfectly delivers our classic British Sound – nothing added, nothing taken away.

VIRTUALLY ELIMINATE HUM

Edge A draws inspiration from the Edge W power amplifier with the addition of an opposing symmetry twin toroidal transformer, virtually eliminating hum and reducing stray magnetic fields.

POWER WITHOUT COMPROMISE

Using standard Class A amplifier technology wasn't going to be efficient enough for Edge A. Instead, we added a bias voltage to a traditional Class AB design, reducing distortion to inaudible levels. This unique configuration also produces less heat and makes the whole system much more effective.

SONIC BALANCE

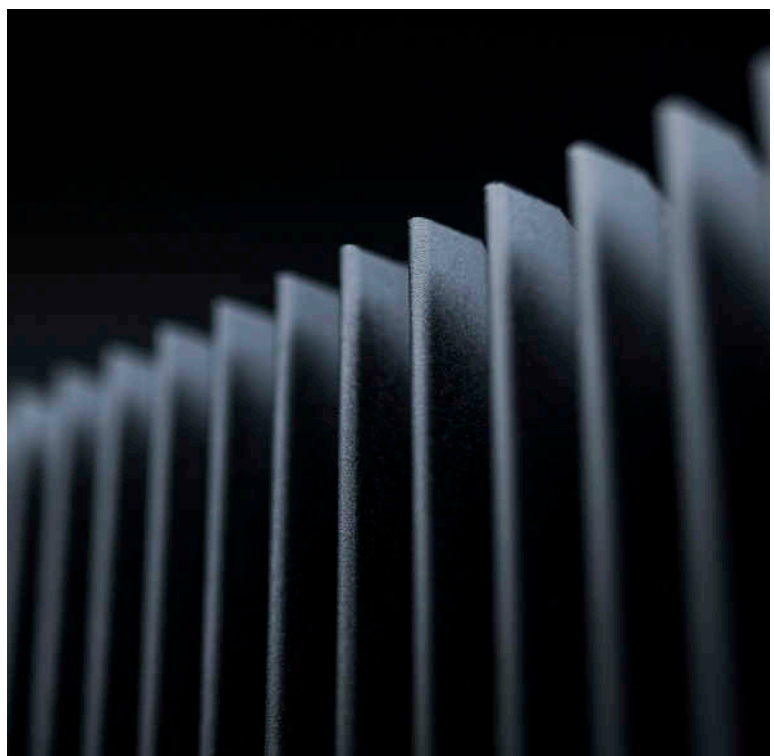
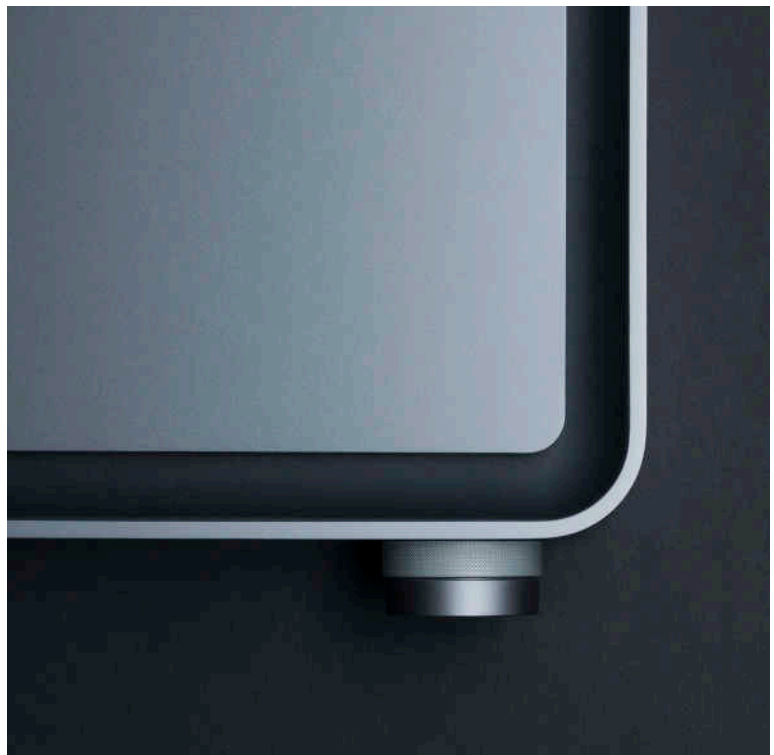
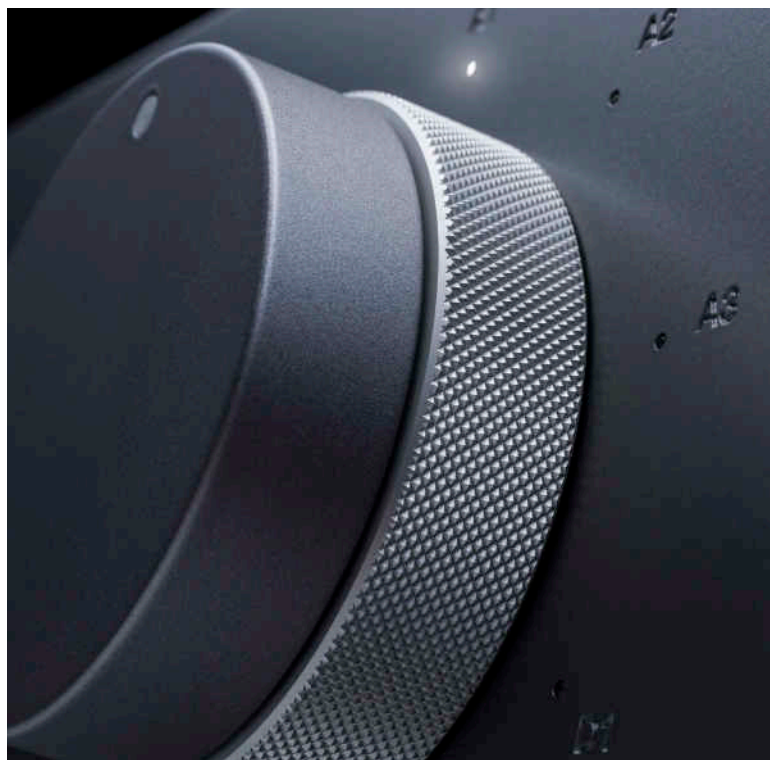
Edge A was designed with a unique PCB. Our engineers replaced conventional capacitors with a DC coupled topology and also added a solid state volume control. The end result is a clean signal path that's perfectly balanced at any volume.

HI-RES BLUETOOTH

Pair any Bluetooth device to your Edge A to easily stream your music. With aptX HD support, you can play your audio at up to 24-bit/48kHz quality for an incredibly rich listening experience.

ROON TESTED

The Edge A has been profiled and tested by both Cambridge Audio and Roon Labs for maximum compatibility with Roon software. Roon will recognize these devices and send them audio optimized for their capabilities.



INTRODUCING THE EDGE SERIES

EDGE NQ

PREAMPLIFIER WITH NETWORK PLAYER



'You have to hear it'

ANDY BOXALL, DIGITAL TRENDS

IMPRESSIVELY REVEALING

With a revolutionary preamp circuitboard that reduces interference and an incredibly clean signal path, Edge NQ plays your favourite music with astonishing depth. Stream, cast, plug-in and play every note in perfect clarity.

ALL THE SOURCES

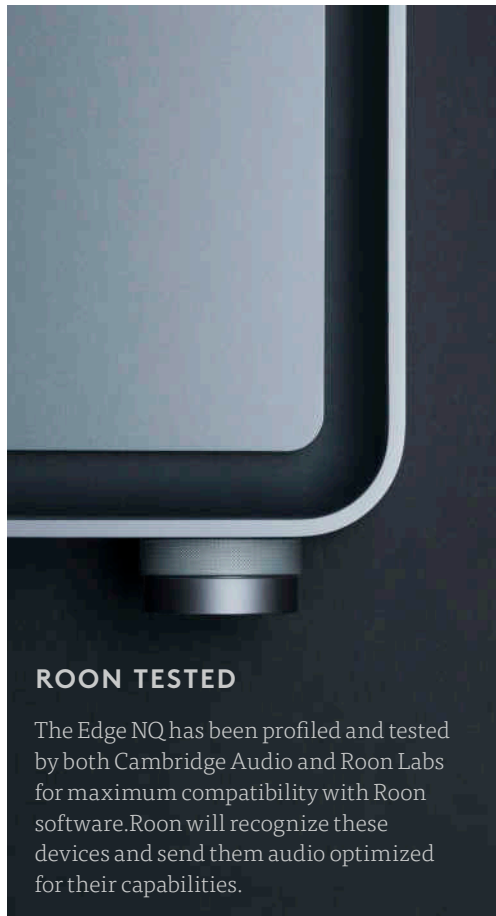
Edge NQ lets you enjoy music from any source. As well as digital coaxial, ARC (Audio Return Channel), USB and S/PDIF connections, there's also Chromecast built-in, Spotify Connect, Tidal, Airplay, Bluetooth aptX HD and Internet Radio. Wherever songs are played from, Edge NQ stays true to the character of every instrument and uncovers a musicality you've never heard before.

ASTONISHING DIGITAL DETAIL

With a wealth of connections, including digital coaxial, ARC, USB and S/PDIF, our engineers have ensured that all of your digital content can be enjoyed, at up to 32bit/384kHz and DSD 256. Edge NQ offers an incredibly revealing sound that has detailed tone, rhythmic drive and taut bass.

SONIC BALANCE

Edge NQ was designed with a unique PCB. Our engineers replaced conventional capacitors with a DC coupled topology and also added a solid-state volume control. The end result is a clean signal path that's perfectly balanced at any volume.



ROON TESTED

The Edge NQ has been profiled and tested by both Cambridge Audio and Roon Labs for maximum compatibility with Roon software. Roon will recognize these devices and send them audio optimized for their capabilities.



EDGE NQ PREAMPLIFIER WITH NETWORK PLAYER

AWARD-WINNING STREAMING SOFTWARE

Edge NQ boasts the very latest version of our award-winning streaming module, StreamMagic. Designed in-house in the UK, it features a new, faster chipset and support for both 24bit/192kHz and DSD128 files. The addition of Spotify Connect, Tidal, Airplay, Bluetooth aptX HD and Internet radio means you can enjoy your music whatever the source.

CHROMECAST BUILT-IN

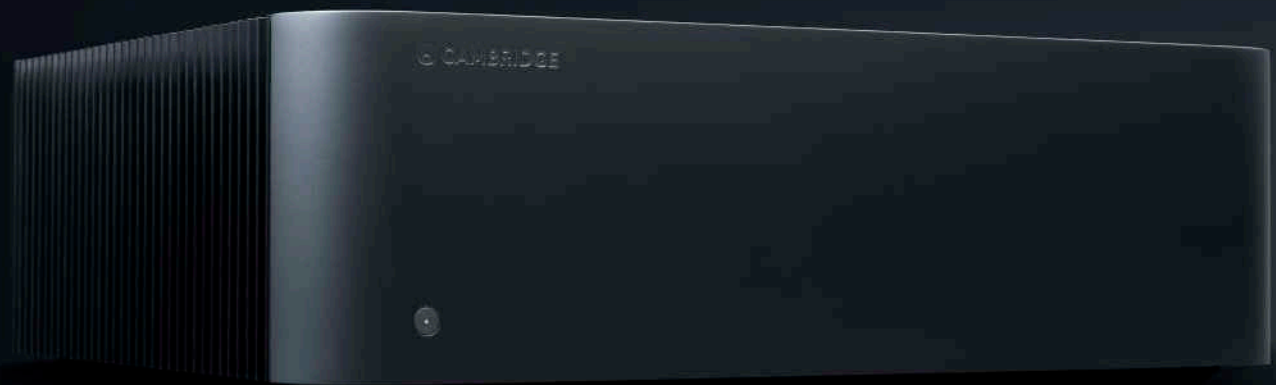
Edge NQ has Chromecast built-in. Just tap the cast button in your favourite app to stream music from your smartphone, tablet or laptop in stunning high definition sound, up to 24bit/96kHz.

CLEVER TOUCHES

To ensure that Edge NQ can be controlled easily and intuitively, we built our own iOS and Android apps, in-house, from the ground up. Throughout the design process, our software engineers always put the user experience at the forefront of their minds, resulting in an incredibly simple yet intuitive interface.

INTRODUCING THE EDGE SERIES

EDGE W POWER AMPLIFIER



‘Next to what we would consider the Ferrari of studio amplification, Edge holds its own beautifully. Transients feel faster and it wipes the floor on a looks front’

RICHARD WILKINSON, MIXER, ENGINEER, PRODUCER

THE BEST POWER AMPLIFIER WE'VE EVER MADE

Edge W is made to be played loud. When you turn it up, expect nothing but a dynamic and punchy sound that captures all the musicality of your songs. With just 14 hand-picked components, Edge W has one of the cleanest signal paths available. It delivers our breathtaking, unadulterated British Sound – nothing added, nothing taken away.

EDGE W POWER AMPLIFIER



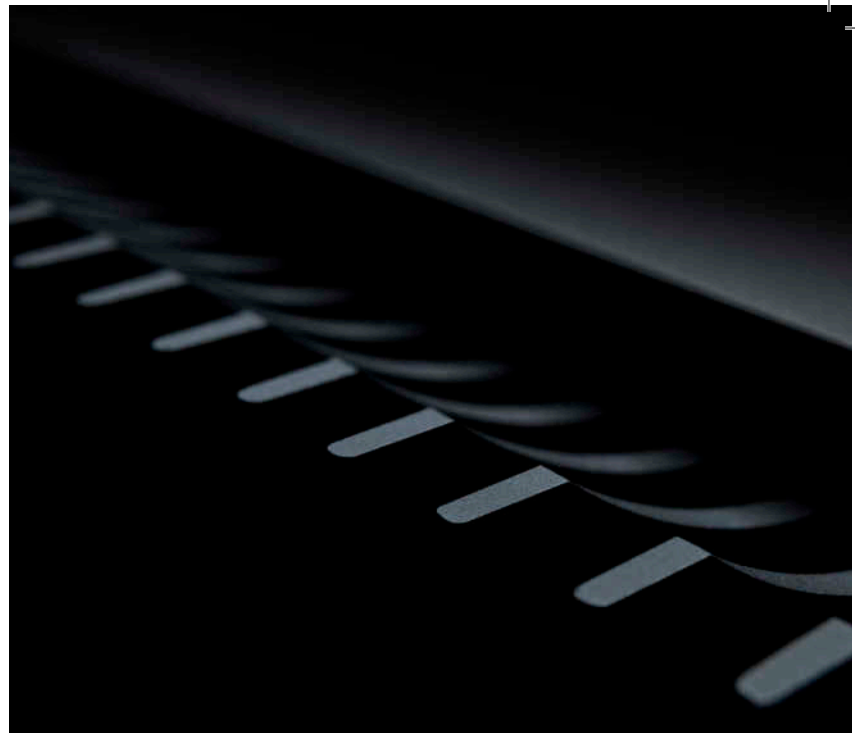
JUST 14 COMPONENTS IN THE SIGNAL PATH

Although minimal in its exterior design, Edge W has some complex audio engineering inside. To remove the barriers between you and your music, we have worked hard to minimise the number of components in the signal path

As a result, Edge W delivers a more faithful reproduction of the original recording; an impressively detailed three-dimensional sound with striking staging and focus.

EFFORTLESS POWER WITHOUT DISTORTION

Our unique Class XA amplification technology features in Edge W, reducing distortion to inaudible levels and increasing efficiency when compared to standard Class A amplification.



POWERFULLY SUBTLE

For all its power, Edge W is remarkably detailed. The sound is finely balanced with a musical depth and clarity that comes through with every note. It's all down to how we chose the componentry inside – nothing was picked on price, specs or measured performance. We listened carefully and created our system with components that simply sounded the best. The end result is a power amplifier that truly brings an original recording to life like no other.

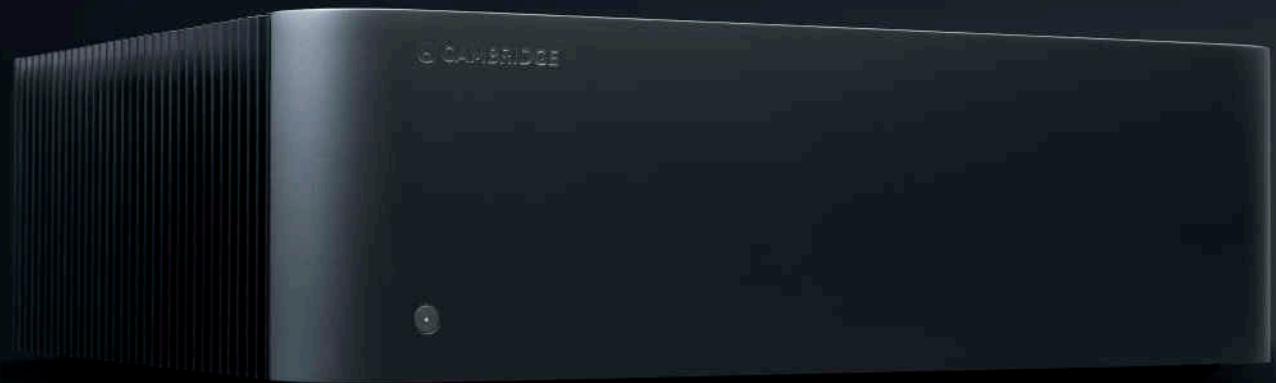
MORE MUSICAL DETAIL

We pioneered the use of toroidal transformers in amplifiers, which led to improved performance. In Edge, we take this one step further, using opposing symmetry twin toroidal transformers. This cancels out electromagnetic interference whilst offering outstanding power and maintaining consistent tonality, no matter how loud it's played.



INTRODUCING THE EDGE SERIES

EDGE M MONOBLOCK POWER AMPLIFIER



‘The design, the materials, the processing of the Edge series... It was love at first sight!’

ANDREAS EICHELSDÖRFER, EDITOR, AUDIO MAGAZINE

OUR MOST REFINED MONOBLOCK POWER

The Edge M offers the same rhythmic coherence and depth of image as the rest of the Edge range, but with the power in reserve to drive even the most demanding of speakers.

EDGE M POWER AMPLIFIER



THE POWER TO DELIVER

A pair of Edge M Monoblock Power Amplifiers have the power in reserve to drive even the most demanding of speakers with punch and clarity. Because each Edge M is fully balanced from input to output, they are immune from noisy distortion and free to deliver your music exactly as the artist intended – nothing added, nothing taken away – whatever the volume.

MUSCLE WITH FINESSE

As powerful as a pair of Edge M amplifiers can be, they remain remarkably detailed. The sound is finely balanced with a depth and clarity that comes through with every note. We developed the whole Edge system by carefully listening to each component and only choosing the ones that blew us away. Nothing was picked on price or specs. The end result is a power amplifier that brings the original recording to life in truly spectacular fashion.

SHORT AND SWEET

Although minimal in its exterior design, Edge M has some complex audio engineering inside. To remove the barriers between you and your music, we have worked hard to minimise the number of components in the signal path.

As a result, Edge M delivers a more faithful reproduction of the original recording; an impressively detailed three-dimensional sound, with striking staging and focus.

MORE MUSICAL DETAIL

We pioneered the use of toroidal transformers in amplifiers, which led to improved performance. In Edge we take this one step further, using opposing symmetry twin toroidal transformers. This cancels out electromagnetic interference whilst offering outstanding power and maintaining consistent tonality, no matter how loud it's played.



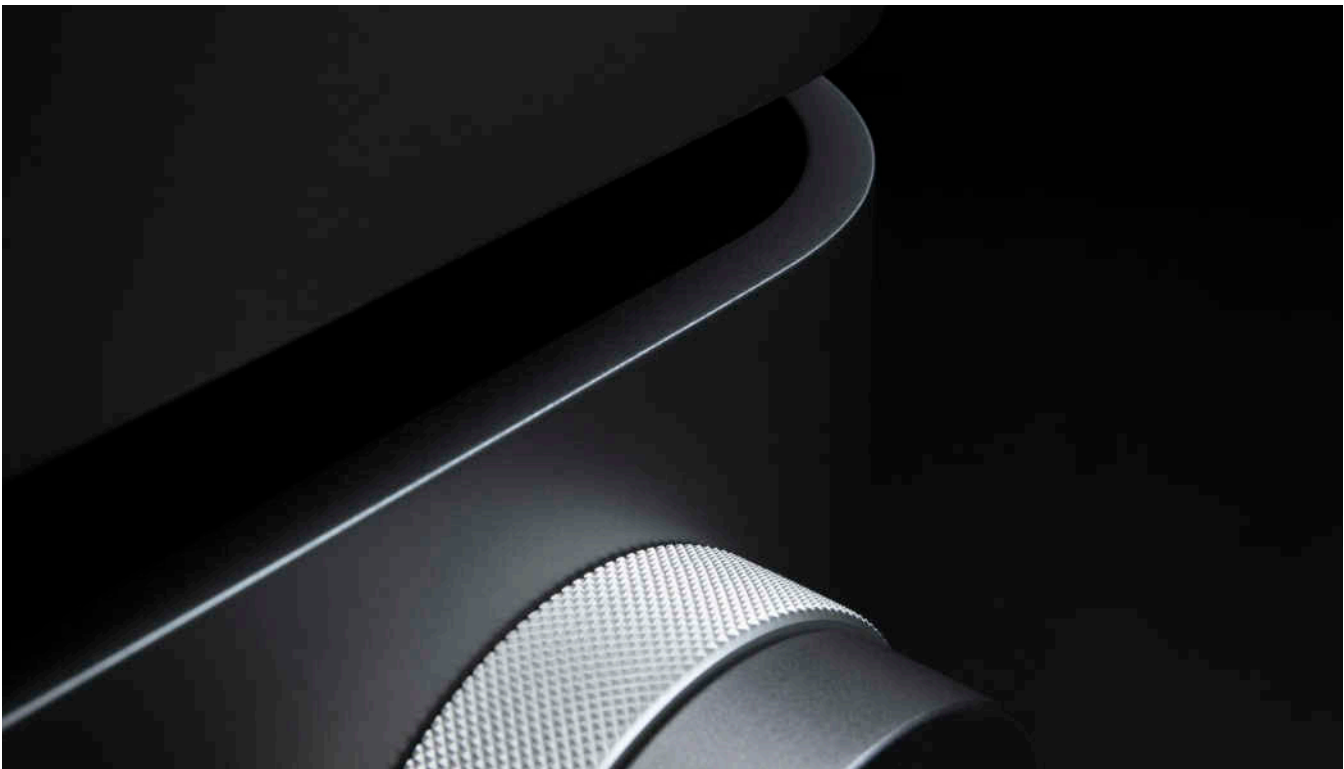
EDGE NQ PREAMPLIFIER WITH NETWORK PLAYER + EDGE W POWER AMPLIFIER





Perfect partners

Edge systems are designed to work in perfect synchronisation. Match the Edge W with our most versatile preamplifier network player, Edge NQ, to create a hi-fi system with a sound, and a look, unlike anything else.



Technical specifications

EDGE A INTEGRATED AMPLIFIER



CONTINUOUS POWER OUTPUT	100W RMS into 8 Ohms; 200W RMS into 4 Ohms
FREQUENCY RESPONSE	<3Hz - >80kHz +/-1dB
CROSSTALK @ 1KHZ	< -100dB
INPUT SENSITIVITY	Input A1-A2 (unbalanced) 380mV RMS
INPUT IMPEDANCES	Input A3 (balanced) 47k Ohm; Input A1-A2 (unbalanced) 47k Ohm
THD (UNWEIGHTED)	<0.002% 1kHz at rated power (8 Ohms); <0.02% 20Hz - 20kHz at rated power (8 Ohms)
S/N RATIO (REF FULL POWER)	>103 dB
ROOM TESTED	Yes
INPUTS	Balanced, Coax S/PDIF, TOSLINK, USB Audio, Unbalanced, Bluetooth, Audio Return Channel (ARC)
OUTPUTS	Speakers, Preamplifier, Headphones (impedance of between 12 and 600 ohms are recommended)
USB AUDIO INPUT	USB Audio Class 2.0 supporting up to 32-bit 384kHz PCM, or up to DSD256
BLUETOOTH	4.1 (Smart/BLE enabled) A2DP/AVRCP supporting formats up to aptX HD
TOSLINK INPUT	16/24 bits, 32-96kHz
COAX S/PDIF INPUT	16/24 bits, 32-192kHz
MAX POWER CONSUMPTION	1000W
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (HxWxD)	150 x 460 x 405mm (5.9 x 18.1 x 15.9")
WEIGHT	24.4kg (53.7lbs)

EDGE NQ

PREAMPLIFIER WITH NETWORK PLAYER



CHROMECAST BUILT-IN	Yes
D/A CONVERTER	THD <0.0008%, 20Hz - 20kHz, 24-bit, 1Vrms output
FREQUENCY RESPONSE	20Hz-20kHz +/- 0.1dB
CROSSTALK @ 1KHZ	< -100dB
WI-FI	IEEE 802.11 b/g or n (2.4GHz), Encryption WEP, WPA, WPA2
ETHERNET	IEEE 802.3, 10 Base-T or 100 Base-T
THD ANALOG SOURCES	<0.0008%, 20Hz - 20kHz, 1Vrms output
S/N RATIO (REF 1V OUTPUT)	>103 dB
MAX PREAMP OUTPUT	6Vrms single ended or 6Vrms + 6Vrms balanced
USB DRIVE INPUT	1 x USB 2.0 current limited to 1A, FAT32 / NTFS / HFS / HFS+
ROON TESTED	Yes
SOURCES	Spotify connect, Tidal.
BLUETOOTH	4.1 (Smart/BLE enabled) A2DP/AVRCP supporting SBC, AAC, aptX and aptX HD
TOSLINK INPUT	16/24-bit 32-96kHz
COAX S/PDIF INPUT	16/24-bit 32-192kHz
MAX POWER CONSUMPTION	100W
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (HxWxD)	120 x 460 x 405mm (4.7 x 18.1 x 15.9")
WEIGHT	10.2kg (22.4lbs)

Technical specifications

EDGE W POWER AMPLIFIER



CONTINUOUS POWER OUTPUT	100W RMS into 8 Ohms; 200W RMS into 4 Ohms
FREQUENCY RESPONSE	<3Hz - >80kHz +/-1dB
CROSSTALK @ 1KHZ	< -100dB
INPUT SENSITIVITY	Input A1-A2 (unbalanced) 1.09V RMS
INPUT IMPEDANCES	Input A3 (balanced) 47k Ohm; Input A1-A2 (unbalanced) 47k Ohm
THD (UNWEIGHTED)	<0.002% 1kHz at rated power (8 Ohms); <0.02% 20Hz - 20kHz at rated power (8 Ohms)
S/N RATIO (REF 1W INTO 8 OHM)	>93 d
S/N RATIO (REF FULL POWER)	>113 dB
INPUTS	Balanced, Unbalanced
OUTPUTS	Speakers, Loop out
MAX POWER CONSUMPTION	1000W
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (HxWxD)	150 x 460 x 405mm (5.9 x 18.1 x 15.9")
WEIGHT	23.6kg (51.9lbs)

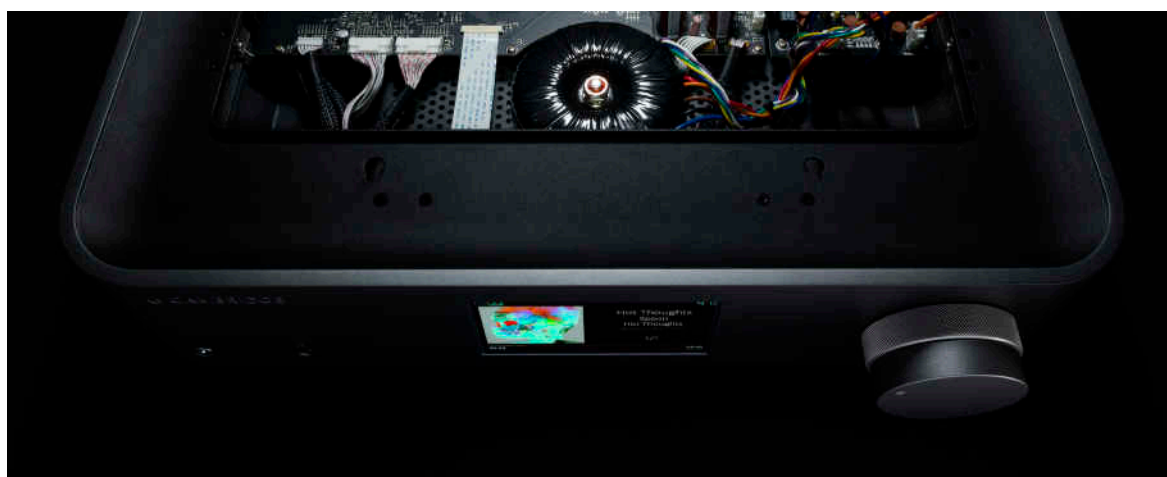
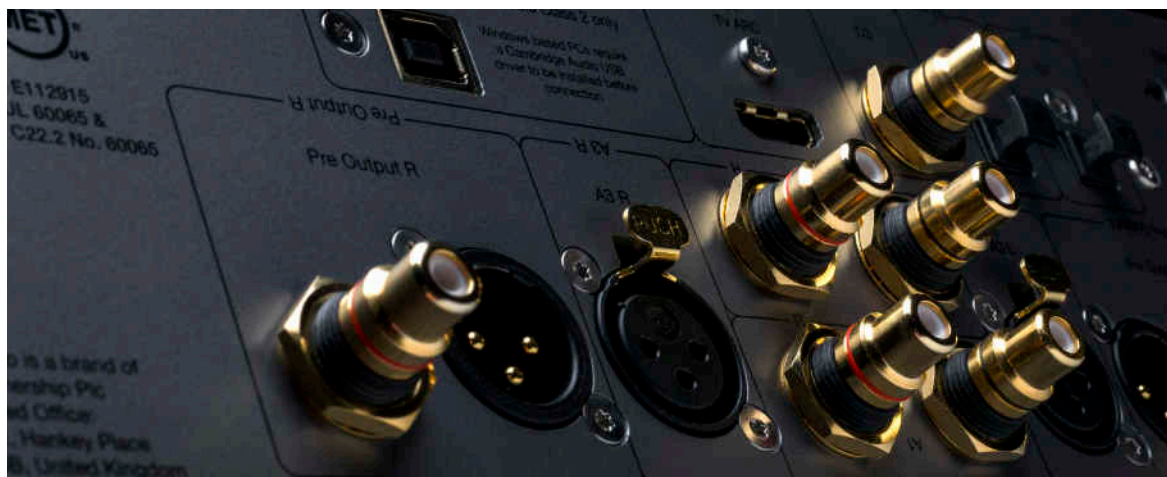
Technical specifications

EDGE M

MONOBLOCK POWER AMPLIFIER



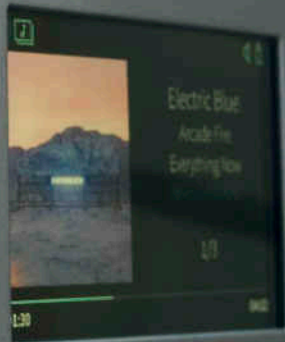
CONTINUOUS POWER OUTPUT (<1% THD+N)	200W RMS into 8 Ohms; 350W RMS into 4 Ohms
FREQUENCY RESPONSE (INTO 8 OHM)	<3Hz ->80kHz +/-1dB
GAIN	28dB (RCA)/ 22dB (XLR)
INPUT SENSITIVITY	1.7V RMS (RCA) / 3.4V RMS (XLR)
INPUT IMPEDANCES	(balanced) 100k Ohm; (unbalanced) 47k Ohm
THD (UNWEIGHTED)	<0.002% 1kHz at rated power (8 Ohms) <0.02% 20Hz -20kHz at rated power (8 Ohms)
S/N RATIO (REF 1W INTO 8 OHM)	>93 dB
S/N RATIO (REF FULL POWER)	>115 dB
INPUTS	Balanced, Unbalanced
OUTPUTS	Speaker out, Loop out (Balanced and Unbalanced)
MAX POWER CONSUMPTION	1000W
STANDBY POWER CONSUMPTION	<0.5W
DIMENSIONS (HxWxD)	150 x 460 x 405mm (5.9 x 18.1 x 15.9")
WEIGHT	23.6kg (51.9lbs)



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EDGE W/ POWER AMPLIFIER + EDGE NQ PREAMPLIFIER WITH NETWORK PLAYER



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