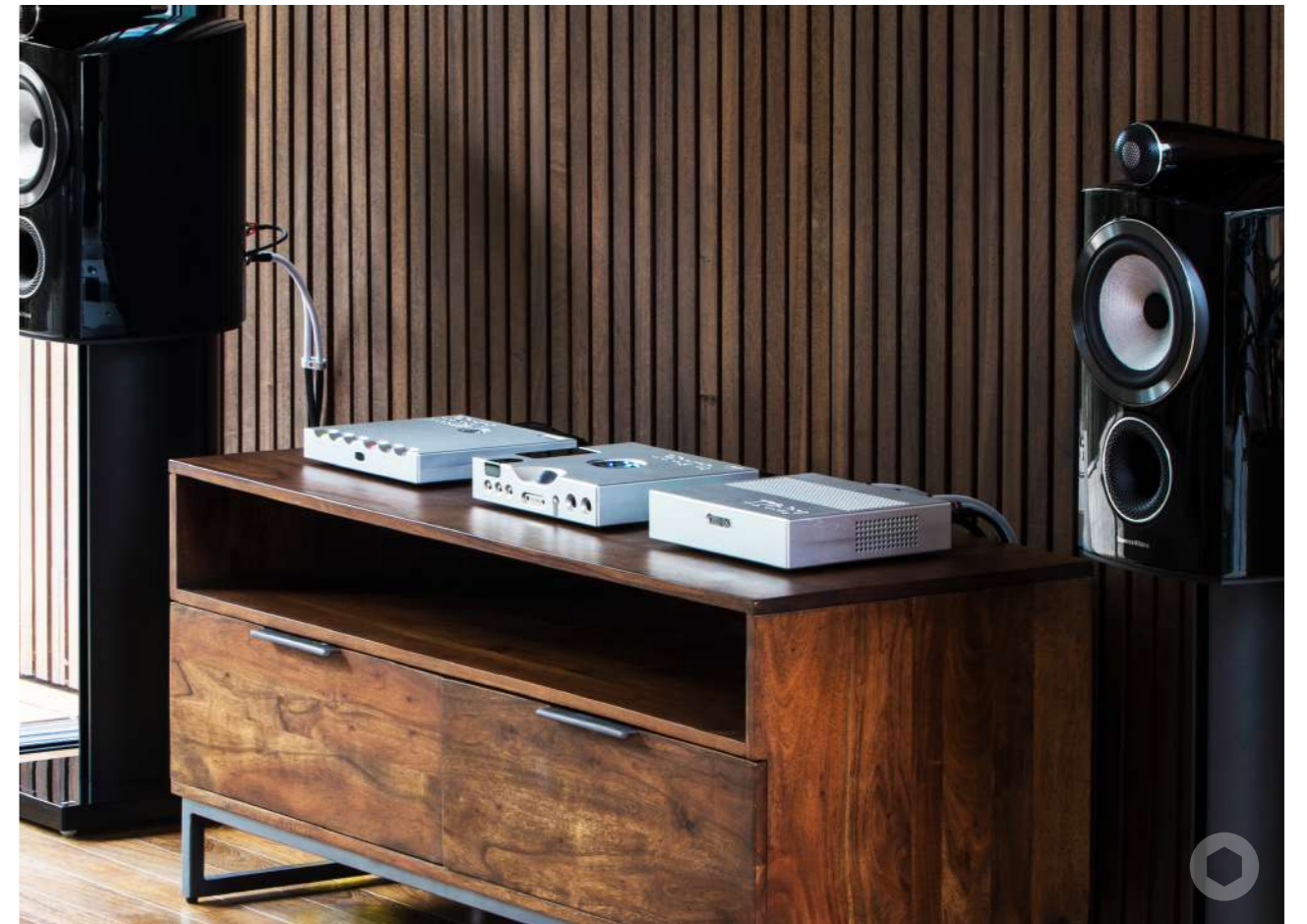
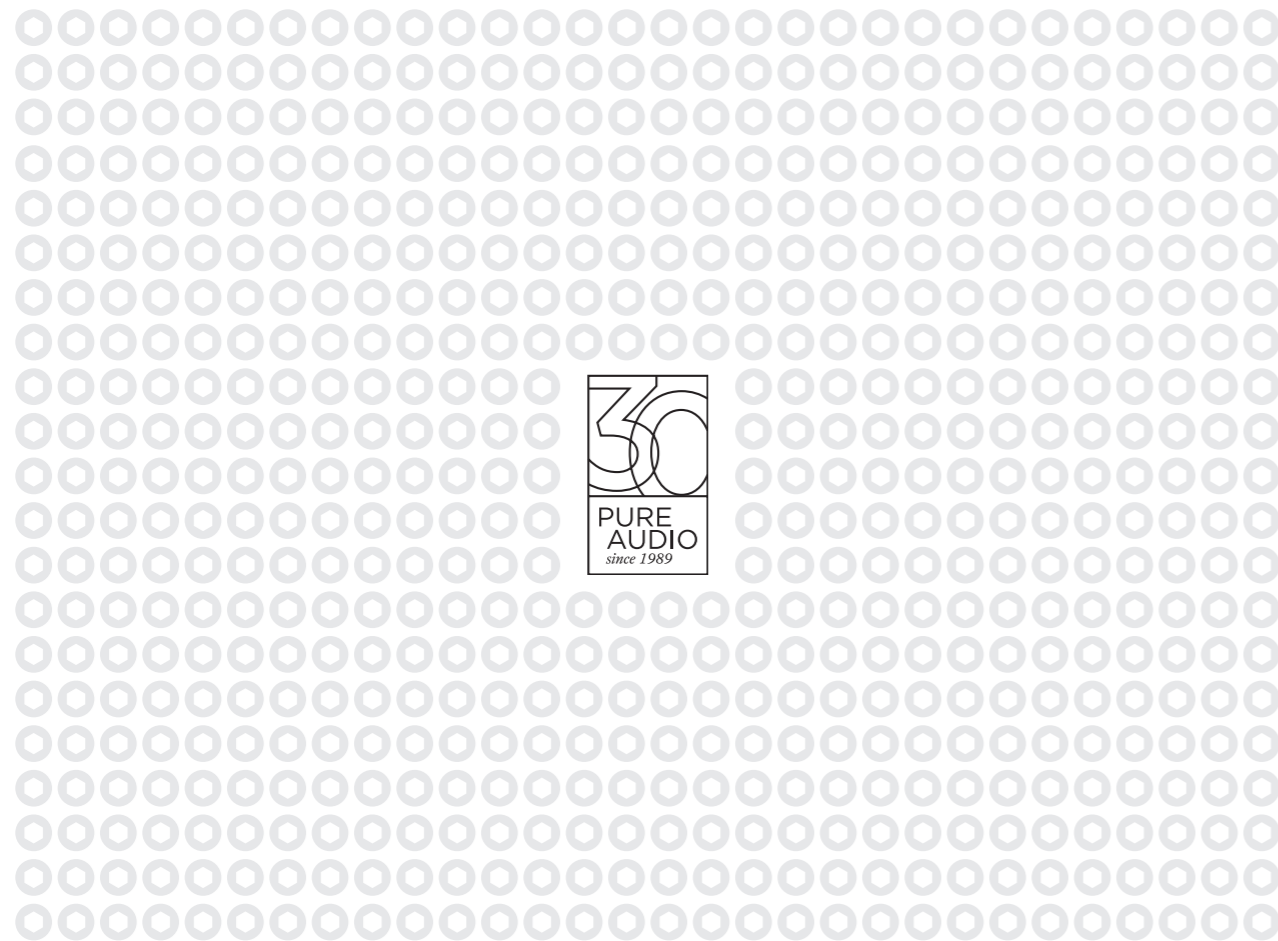
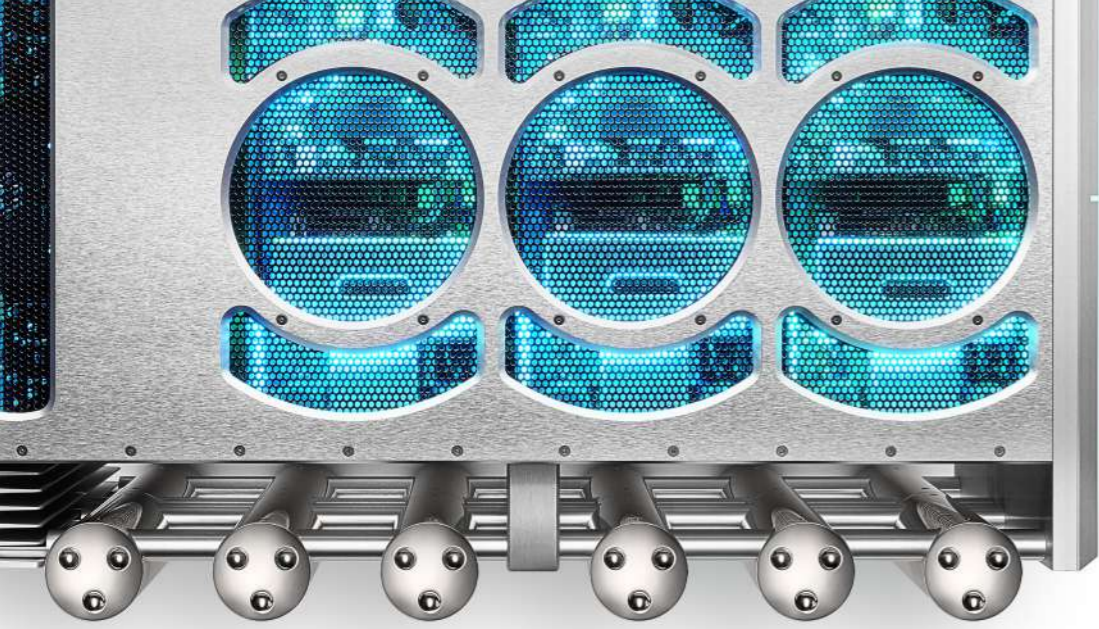


Product
Brochure

2019





WELCOME TO THE EXTRAORDINARY

Welcome to Chord Electronics, an extraordinary breed of hi-fi, of sound-producing devices where music, no matter what its origins, is presented in its purest and most unadulterated form. In our pursuit of resolution and absolute clarity, we develop multi-award-winning proprietary processes without compromise; technology at the apogee of its game. It is these very same processes which afford us the ability to question how you can enjoy our products the most. This is why when you experience our designs, they are unapologetically unique: they don't follow convention, they provide extraordinary sound and a mechanical design to suit your lifestyle.



CUTTING EDGE TECHNOLOGY. MULTI- AWARD-WINNING SOUND.

THE ANALOGUE: Errors at 30,000ft simply cannot happen. Where safety nets do not exist, electrical engineering for aircraft must only be first-rate. Infallible. However, back in the 1980s where control systems were mostly analogue, engineers had encyclopedic knowledge. One such engineer was John Franks. John was not only a skilled engineer, but a passionate audiophile and knew that there was a clear crossover between avionics and high fidelity.

For his amplifiers, intelligently shielded switch-mode power supplies, able to refill the capacitors at a much faster rate than toroidal transformers, were the only way to reproduce bass frequencies with true precision, and for the amplification devices themselves, the MOSFETs, John worked tirelessly to develop his own unique and utterly transparent devices. Free of distortion and so musical, Chord Electronics' analogue technologies are in a class of their own.

THE DIGITAL: Our digital master, Rob Watts, has been designing and perfecting DACs for decades but Rob was not just an engineer he was an audiophile, a surprising rarity amongst the profession. Disappointed by the constant limitations dictated by the package size and the obvious budget restrictions to make a chip a realistic commercial opportunity, he began designing his own using FPGAs, remarkable programmable chips. Restricted only by their physical processing power or 'canvas size', not by design, Rob developed the scalable WTA filter and Pulse Array technologies, and it is these incredible proprietary technologies, protected by military-grade encryption, which extract far more information from the original recording than ever before. As a result, our digital devices are unique, multi-award-winners and have up to 600x the resolving power of a chip DAC.



John Franks
Owner and Chief Designer



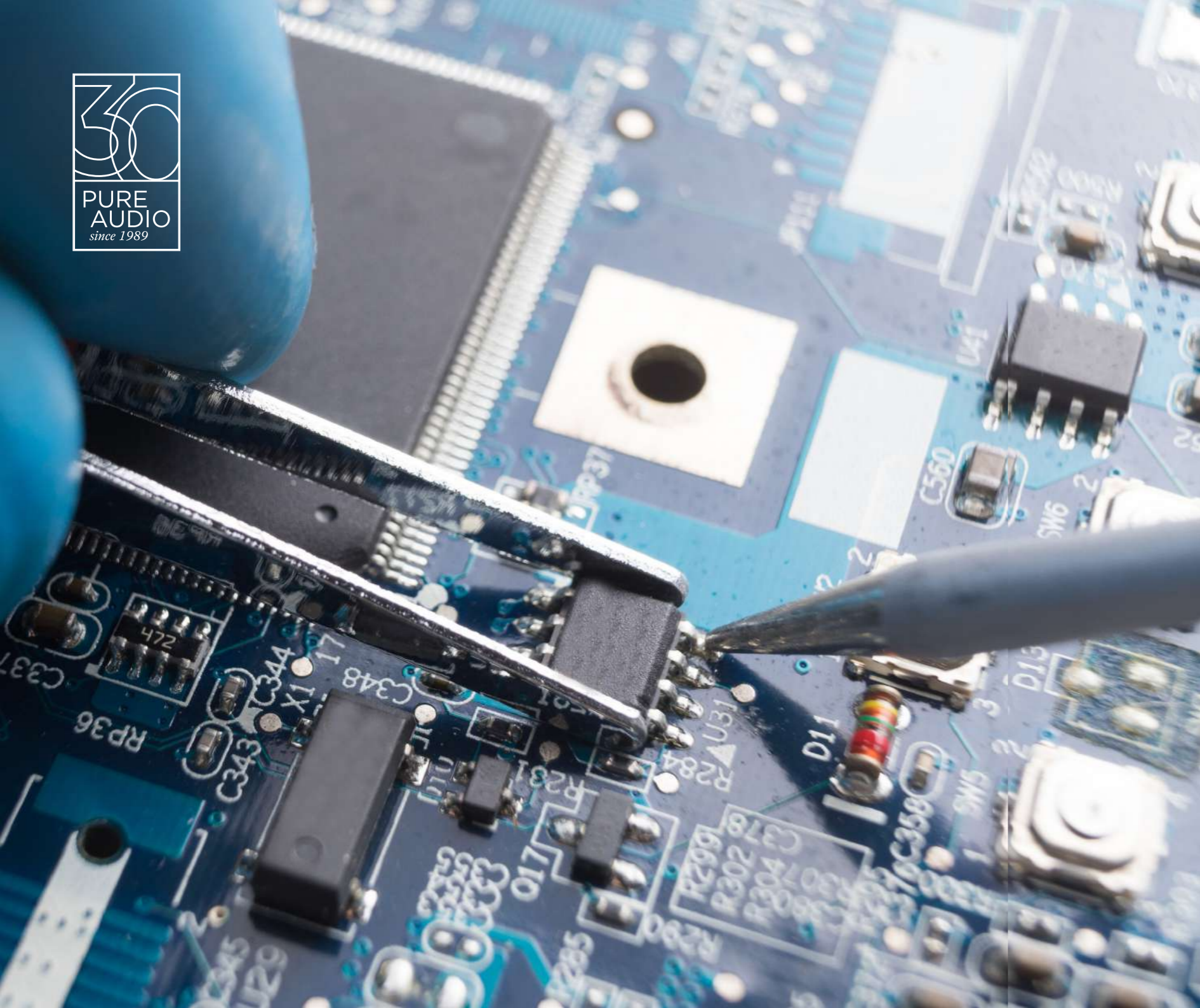
Rob Watts
Digital Consultant

ABBEY ROAD
METROPOLIS MASTERING
SKYWALKER SOUND
SONY MUSIC JAPAN
AIR STUDIOS

FROM MUSIC MAKER TO MUSIC LOVER

If you've listened to music produced within the last 30 years, then there's a good chance that Chord Electronics was a part of the recording process. Our vast family of professional mix engineers, producers and mastering engineers, choose our precision amplifiers and DACs for their reliability and the incredible window into the music that they bring back to the original recorded performance.





CRYSTAL CLEAR CLARITY BY MASTER CRAFTSMEN FOR 30 YEARS

When you invest in a Chord Electronics product, you're investing in hi-fi built like no other. For over 30 years, we've manufactured our products exclusively in Great Britain, where every facet of production is intimately controlled and perfected to tight tolerances. We use a harmonious marriage of traditional processes and the very latest machinery, to achieve our pursuit of excellence.

Before a product leaves our factory, each and every element is checked and poured over by both a master craftsman and a computer program, to ensure that it arrives to you in perfect condition, ready to take your music playback to the extraordinary.



DISCOVER THE EXTRAORDINARY

There is power and mystery in music. It can alter your mood, evoke old memories, spark ideas, send shivers down your spine, break (and mend) your heart, take you out of yourself and unite you with a million others. What you hear is important: but it's what you feel that really matters. We design our products to deliver a deep, immersive, visceral experience, opening the window between you and the recording as it takes you right into the music, revealing every note and nuance, every beat and breath, exactly as it was originally performed. From portables to full-size Reference hi-fi, discover how with power, precision, speed and clarity, we'll transform the music that you love most.





Mobile

*Your headphone listening experience,
revolutionised*

Discover multi-award-winning sound on-the-go with our pocketable and truly portable product range.






Mojo

Portable DAC and Headphone Amplifier



Mojo is the world's most advanced pocket-sized DAC/headphone amplifier. Despite its size and unrivalled affordability, Mojo is hand-built in the UK using the same custom-coded FPGA technology as its bigger siblings.

Aluminium finishes: Jett black 



Truly portable



Made for headphones



768kHz playback



DSD 256 via DoP



7 hours Battery life




Poly

Music Streamer and Music Player for Mojo



A music streamer/player that combines with Mojo for wireless music streaming and playback from its Micro SD, all with smartphone control. With Wi-Fi, Bluetooth and AirPlay, Poly streams from Tidal, Qobuz, Roon, DLNA devices and more.

Aluminium finishes: Jett black 



WiFi Connectivity



Bluetooth Connectivity



Micro SD Storage



768kHz Playback



9 hours Battery life





Qutest

A big performance without the big box

Size doesn't always matter. A multi-award-winning compact and stealthy range of separates, sitting at the cutting edge of hi-fi.





Qutest

Digital to Analogue Converter



With DAC architecture based on the award-winning Hugo 2, Qutest offers class-leading digital conversion, four-stage filtering and a powerful custom-coded FPGA. Wide-ranging connectivity, including Dual Data, adds versatility.

Aluminium finishes: Jett black



49,152 tap
FPGA DAC
design



Galvanic
isolation



768kHz
playback



Up to DSD 512
via DoP & Native



Selectable
line level



Huei

Phono stage

Based on 30 years of amplifier-building expertise, Huei is a compact powerhouse with all the hallmarks of Chord Electronics' legendary design. Huei offers MM/MC compatibility and integrates turntables to our amplifiers.

Aluminium finishes: Jett black



Moving
magnet
compatible



Moving coil
compatible



Selectable
gain



Selectable
impedance



Rausch
slope
rumble filter





Hugo

The last word in transportable audio

Elevate hi-fi and headphone performance at home or away with benchmark performance and ground-breaking connectivity. Convenience is guaranteed.












Hugo 2

Transportable DAC and Headphone Amplifier



A powerful and class-leading DAC and headphone amp that builds on the ground-breaking original. Designed for both home and mobile use, Hugo 2 transforms headphones and audio systems' sound quality with cutting-edge technology.

Aluminium finishes: Jett black  Argent silver 



				
49,152 tap FPGA DAC design	Transportable design	768kHz playback	Up to DSD 512 via DoP & Native	8hrs Battery



2go

Music streamer/player for Hugo 2 and more

2go is a game-changing music streaming and MicroSD (up to 2TB) playback module for Hugo 2 and more, that enables wired ethernet, Wi-Fi and Bluetooth connectivity. Effortlessly stream and playback from digital libraries, all with app control.

Aluminium finishes: Jett black  Argent silver 






				
WiFi or Ethernet Connectivity	Bluetooth Connectivity	2x Micro SD Storage	768kHz Playback	8hours Battery life





Table Top

Hi-fi without convention

Bring big-box performance to the table top with a convenient, sophisticated, stackable mechanical design, supercharged with Chord Electronics' proprietary technologies.



Hugo M Scaler

1M-tap Digital Upscaler

Hugo M Scaler is a revolutionary upscaling device, capable of redefining digital audio quality when used with a dual-BNC-input Chord Electronics DAC. It contains the most advanced digital filter in the world, outputting 16x the resolution of CD.

Aluminium finishes: Jett black Argent silver



1M-tap digital upscaling filter



User selectable upsampling



768kHz playback



Up to DSD 512 via DoP & Native



Galvanic isolation



Hugo TT 2

DAC, Preamplifier and Headphone amplifier

Developed from the multi-award-winning transportable Hugo 2, the Hugo TT 2 is bigger, better and more advanced in every way. TT 2 sets a new benchmark for table top DACs, eclipsed only by our flagship DAVE.

Aluminium finishes: Jett black Argent silver



98,304 tap FPGA DAC design



Supercapacitor energy storage



Galvanic isolation



768kHz playback



Up to DSD 512 via DoP & Native



TToby

100W Stereo Power Amplifier



With technology derived from our SPM range, TToby doesn't compromise on power or prestige. Despite its space-saving dimensions, TToby is every bit a thoroughbred Chord Electronics stereo amplifier.

Aluminium finishes: Jett black Argent silver



100W into 4Ω



Class A/B sliding bias



-83dB Signal to noise ratio



High frequency switch mode power supply



Fully balanced circuitry





Choral

One giant leap in hi-fi

Forget tradition: loaded with vanguard technology, Choral defies its meticulously crafted compact chassis to provide an out-of-this-world reference-quality experience with extraordinary flexibility.



Symphonic

Phono stage



Our reference-level phono stage, the Symphonic brings advanced features plus our proprietary amplifier technology to vinyl replay, enabling the easy integration of turntables into any system thanks to a multitude of switching options.

Aluminium finishes: Jett black / Argent silver



Moving coil compatible



Selectable gain



Selectable impedance



Rausch slope rumble filter



Fully balanced circuitry



BLU MKII

CD Transport and 1m-tap Digital Upscaler



The Blu MkII is a compact, FPGA-based upsampling CD/digital transport which offers the world's most advanced filter technology. Used with DAVE, it delivers class-leading digital sound quality and technical performance.

Aluminium finishes: Jett black / Argent silver



Philips CD Pro 2 mechanism



1M-tap digital upscaling filter



User selectable upsampling



768kHz playback



USB Input



roon tested

ONE

CD Player



For CD playback with style, ours is the One. Beautiful design and compact dimensions, the One is based around the legendary Philips CD Pro2 mechanism and benefits from a stunning die-cast top-loading mechanism.

Aluminium finishes: Jett black / Argent silver



Philips CD Pro 2 mechanism



Chip DAC conversion



Up-to 176kHz Upsampling



High frequency switch mode power supply



Remote control included



DAVE

DAC, Preamplifier and Headphone amplifier



DAVE is our flagship DAC, a true reference-level product, loaded with our latest-generation (and most advanced) FPGA technology. With preamp and headphone amp functionality, DAVE offers tremendous value, too.

Aluminium finishes: Jett black / Argent silver



164,000 tap FPGA DAC design



Preamp functionality



Supports 800Ω headphones



768kHz playback



Up to DSD 512 via DoP & Native



roon tested



Prima

Five Input Preamplifier

The Prima preamp has been designed to harmoniously complement the incredible Etude power amp. Fully balanced with five inputs including XLR, Prima also offers real flexibility with six independent input gain adjustments.

Aluminium finishes: Jett black Argent silver



5 Stereo analogue inputs



1 Stereo output



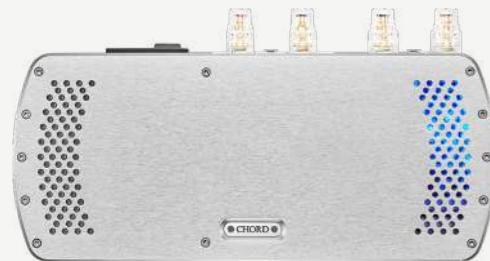
-98dB SnR



Fully balanced circuitry



Fully analogue signal path



Étude

150W Stereo Power Amplifier

Featuring technology derived from the aerospace industry, the Étude is an incredibly compact stereo amplifier with stunning power, speed and resolution. With dual feed forward error correction, Étude is a standout performer for the price.

Aluminium finishes: Jett black Argent silver



150W into 4Ω



Bridgeable to 300W into 4Ω



Advanced dual feed forward error correction



Class A/B sliding bias



Fully balanced circuitry



Ensemble Stand

Choral System Rack

Precision machined from a solid block of aircraft-grade aluminium billet, and a work of art on its own, the Ensemble Stand is irrefutably the best way to secure, display and optimise the Choral system components.

Aluminium finishes: Jett black Argent silver



Stacks with existing Chord equipment



User configurable height - S, M, L

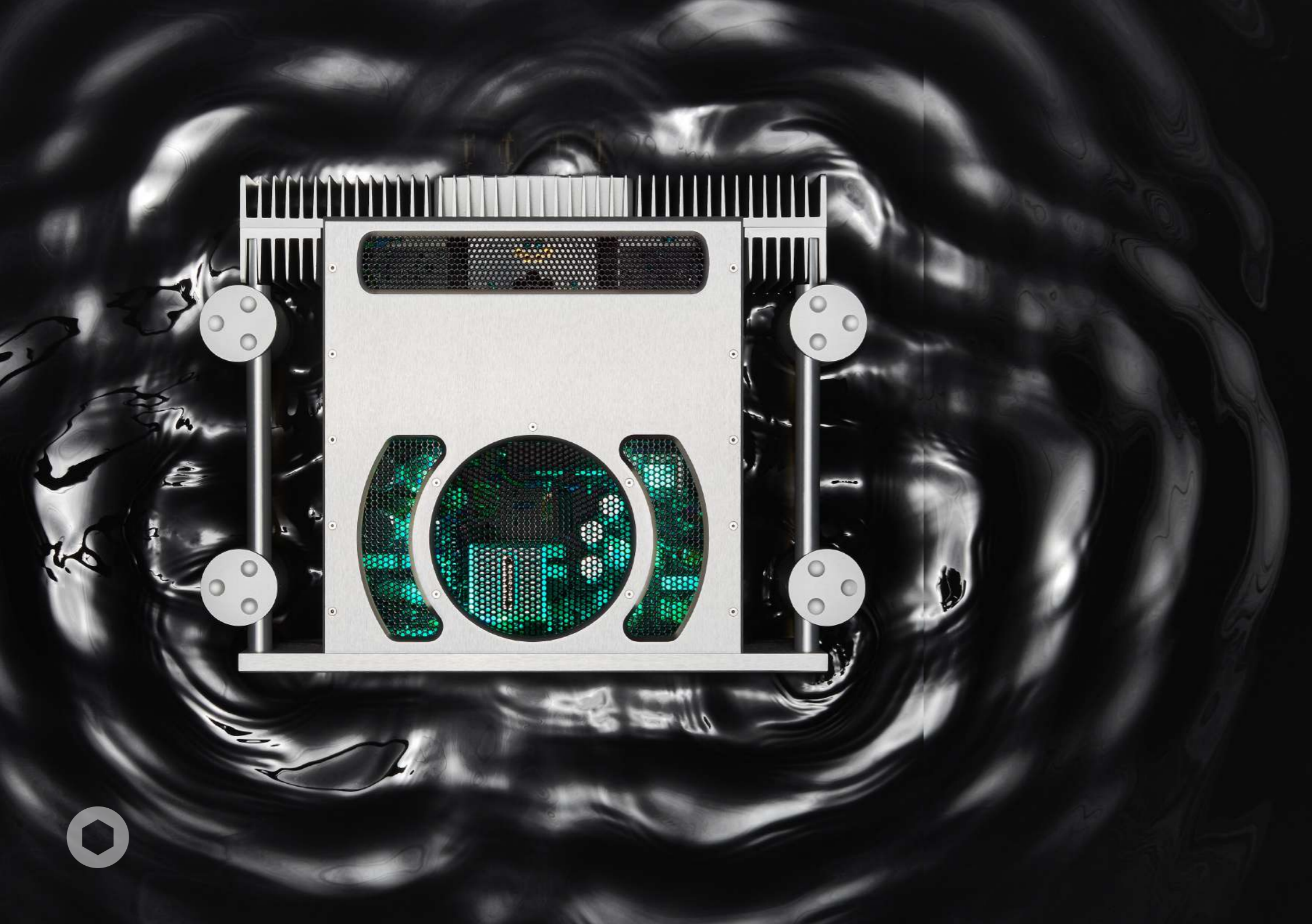


Solid aircraft grade aluminium



Machined in Great Britain





Full Size

Pursue the pinnacle of audio artistry

Supremely reliable and effortlessly powerful, journey deeper into the music that moves you most with the purest, most transparent audio separates, as used in the world's finest recording studios.

Leg and side block options:



We all appreciate music in different ways, as we do design, which is why with many of the products within the Full Size range you can customise the leg colour to suit your taste, or even opt for our elegant piano black acrylic side blocks. Discuss how you can customise your next purchase with your retailer.





CPM 2650

120W Integrated Amplifier

Our most affordable integrated, the CPA 2650 combines the legendary low-distortion of the SPM 650 with the precision and control of the CPA 3000, to produce a desirable solution which is every bit a Chord Electronics product.

Aluminium finishes: Jett black / Argent silver

- 120W into 8Ω
- 6 Stereo analogue inputs
- 1 Stereo output
- Fully balanced circuitry
- Fully analogue signal path



CPM 2800 MKII

120W Digital Integrated Amplifier

Unique in the range, the CPM 2800 MKII is a 120-watt amplifier that includes a high-performance Chord Electronics DAC. Sporting both analogue and digital inputs, the amp is the perfect 'digital hub' for any modern system.

Aluminium finishes: Jett black / Argent silver

- 120W into 8Ω
- 6 Stereo analogue inputs
- 1 Digital USB input (FPGA DAC)
- 1 Stereo output
- Fully analogue signal path



CPM 3350

220W Integrated Amplifier

Our flagship integrated, the CPM 3350 combines the legendary low-distortion amplification of the SPM 1050 Mk. II with the precision and control of the CPA 3000 to produce our best one-box solution, taking power up to 220W.

Aluminium finishes: Jett black / Argent silver

- 220W into 8Ω
- 6 Stereo analogue inputs
- 1 Stereo output
- Fully balanced circuitry
- Fully analogue signal path



CPA 3000

Seven Input Preamplifier

Our flexible seven-input preamp routes and attenuates signals without 'adding' anything. With flexible input and output options, it delivers the purest audio experience with absolutely no colouration and minimal distortion.

Aluminium finishes: Jett black / Argent silver

- 7 Stereo analogue inputs
- 3 Stereo outputs
- 115dB SnR
- Fully balanced circuitry
- Fully analogue signal path



SPM 650

130W Stereo Power Amplifier



Our most affordable full-width stereo power amplifier is one that benefits from a range of proprietary technologies. The entry-level SPM 650 is ideal where space is tight: its compact chassis allows easy positioning yet it still offers 130 watts.

Aluminium finishes: Jett black / Argent silver

- 130W**: 130W into 8Ω
- 82 dB**: -82dB Signal to noise ratio
- A/B**: Class A/B sliding bias
- Fully balanced circuitry
- High frequency switch mode power supply



SPM 1050 MKII

200W Stereo Power Amplifier



The 200-watt SPM 1050 introduces a number of benefits over the entry-level SPM 650. Most noticeably, it enjoys MkII status, which offers a number of refinements over the MkI, with power for even the most demanding loudspeakers.

Aluminium finishes: Jett black / Argent silver

- 200W**: 200W into 8Ω
- 82 dB**: -82dB Signal to noise ratio
- A/B**: Class A/B sliding bias
- Fully balanced circuitry
- High frequency switch mode power supply



SPM 1200 MKII

350W Stereo Power Amplifier



Widely regarded as the classic Chord Electronics stereo power amp, the SPM 1200 offers phenomenal value for money offering as it does 350 watts of instantly delivered, precisely controlled power.

Aluminium finishes: Jett black / Argent silver

- 350W**: 350W into 8Ω
- 82 dB**: -82dB Signal to noise ratio
- A/B**: Class A/B sliding bias
- Fully balanced circuitry
- High frequency switch mode power supply



ULTIMA 3

480W Mono Power Amplifier



Featuring our all-new circuit topology, ULTIMA 3 is a thoroughly modern amplifier for the high-resolution age. Its capable of lightning-fast transient delivery with unparalleled resolution and incredible sound-staging.

Aluminium finishes: Jett black / Argent silver

- 480W**: 480W into 8Ω
- 84 dB**: -84dB Signal to noise ratio
- Advanced dual feed forward error correction
- A/B**: Class A/B sliding bias
- Fully balanced circuitry



“Hello, Dave.
You’re looking well.”



Reference

The zenith of performance

Unparalleled craftsmanship, unparalleled resolution. This is our Reference range, a statement of the highest order, hand-built without compromise.

Leg and side block options:



We all appreciate music in different ways, as we do design, which is why with many of the products within the Full Size range you can customise the leg colour to suit your taste, or even opt for our elegant piano black acrylic side blocks. Discuss how you can customise your next purchase with your retailer.





CPA 5000

Eight Input Preamplifier

An ultra-high-performance reference-grade preamp for the discerning music lover eclipsed only by the flagship ULTIMA models, the CPA 5000 is a larger chassis eight-input preamp with impeccable manners and a vanishingly low noise floor.

Aluminium finishes: Jett black / Argent silver



8 Stereo analogue inputs



1 Stereo output



-120dB SnR



Fully balanced circuitry



Fully analogue signal path



ULTIMA Preamplifier

Flagship Eight Input Preamplifier

The most accomplished preamp in our 30-year history, the ULTIMA pre is a musical *tour de force*, that adds nothing to the precious incoming signal. A world-class, no-compromise product the ULTIMA PRE is our finest achievement

Aluminium finishes: Jett black / Argent silver



8 Stereo analogue inputs



3 Stereo outputs



-117dB SnR



Advanced power shielding



Fully analogue signal path



ULTIMA 2

750W Mono Power Amplifier

Updated for the modern age, the ULTIMA 2 carries the very latest Chord Electronics amplifier technology, bringing significant musicality gains over its predecessor, ready to take music to the next level.

Aluminium finishes: Jett black / Argent silver



750W into 8Ω



-89dB Signal to noise ratio



Advanced dual feed forward error correction



Class A/B sliding bias



Fully balanced circuitry



ULTIMA

780W Mono Power Amplifier

ULTIMA was our first amplifier to offer our all-new circuit topology, the first since our inception 30 years ago. It is the pinnacle of our analogue engineering; built to complement the very best loudspeakers in the world.

Aluminium finishes: Jett black / Argent silver



780W into 8Ω



-90dB Signal to noise ratio



Advanced dual feed forward error correction



Class A/B sliding bias



Fully balanced circuitry





ONCE YOU PLACE YOUR ORDER

As with all Chord Electronics products, our avionics heritage inspires only the highest quality: all of our products start life as a single billet of aircraft-grade aluminium. This is just one of the hundreds of processes that help shape our multi-award-winning devices; the same standards, care and attention run through the production of all of our units.

When you place an order for a device in the Table Top range and above, your purchase is assigned to an engineer who will begin the process of curating each individual component before carefully crafting the unit to the highest standards. Only once it has passed numerous measured and listening tests, will it qualify for a Chord Electronics name badge. Naturally, this is a bespoke process that takes time, however, during your products' build, you are more than welcome to ask your retailer any questions that you may have.

HEAR THE EXTRAORDINARY

[CHORDELECTRONICS.CO.UK/LOCATE-DEALER](https://www.chordelectronics.co.uk/locate-dealer)