



PIXEL MAGIC SYSTEMS LTD  
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HONG KONG SCIENCE PARK  
SHATIN, NEW TERRITORIES  
HONG KONG

[WWW.LUMINMUSIC.COM](http://WWW.LUMINMUSIC.COM)

“ perfectionist  
hi-fi done right ”  
U2X: 6moons 2025

# LUMIN

THE AUDIOPHILE  
NETWORK MUSIC FAMILY

Streaming specialists with a family  
of products to suit every system

“ Vault-like construction has become a LUMIN trademark ”  
P1 6moons 2022

“ beautifully styled, solidly built ”  
P1 StereoNet 'Product of the Year' awards 2022

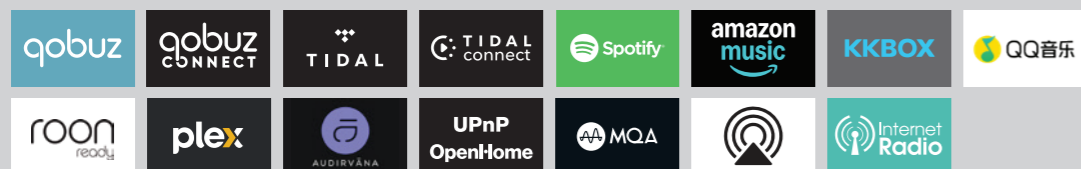


## SILVER OR BLACK. YOU DECIDE

Every LUMIN model is available in a silver or black aluminium chassis. Whichever you choose, you will find crisp, clean lines, exquisite attention to detail, thick aluminium panels, and peerless CNC machining.

“ build quality that is second to none ”  
U2 Steve Huff 2023

## STREAM EVERYTHING



From DSD to MQA, FLAC to WAV and more, LUMIN can play all the high-resolution formats you could ever want.

Have a thirst for new music? No problem – LUMIN comes with native support for Roon, TIDAL, Qobuz, Amazon, Spotify, KKBox, Audirvana, Plex and Tuneln, and is AirPlay-compatible, giving you access to over 100 million songs.

“ One of the most exciting companies in the digital high-end sector points the way to the future of streaming. ”  
Fidelity Magazine, 2022

## ABOUT LUMIN

Late in 2012, after two years of development and hundreds of hours of critical listening, the World's first DSD-capable streamer was launched quietly with a single post on a web forum. Since then, news of LUMIN Audiophile Network Music Players has spread to all corners of the globe, with awards and reviews coming from the industry's most respected websites and magazines. Computer Audiophile described our first product as "the network player by which all others should be judged", and 6moons' Joël Chevassus described it as "the most exciting audio experience I've yet had".

In the 13 years since, the LUMIN range has expanded to include eight players covering a range of price points. All our products share the same focus on natural music-making, continuous software development, effortless setup, and a seamless, stable, and immersive streaming experience.

During our 13-year journey, we've been privileged to earn exceptional reviews and awards. Excerpts are included throughout this brochure, whilst full reviews can always be found on our website.

To help you better understand our diverse range, we've categorised our streamers into three groups:

## OUR RANGE

### NETWORK MUSIC PLAYERS

Including a DAC, these players have fully balanced dual-mono analogue output stages.

With clean signal paths and optimised DAC integration, these models offer the perfect disc player alternative.

X2 T3x D3

### NETWORK MUSIC HUBS

Our most versatile products, these players include a DAC, audio inputs, HDMI ARC support, and a Remote Control.

Use these models as streamers, DACs, pre-amplifiers, or all three!

P2 P1 MINI

### NETWORK MUSIC TRANSPORTS

Without a DAC, our transports focus on pure digital.

With no included analogue components, this category is for those who already have a DAC they love or who want to have multiple digital sources using the same external DAC.

U2x U2 U2 MINI

“LUMIN devices are amongst the easiest to set up and configure in the industry.”  
StereoNet, 2022

## ALWAYS ONE STEP AHEAD

LUMIN is always evolving. The full LUMIN range benefits from our programme of continuous development, allowing you to relax in the knowledge that wherever possible we'll bring you the latest streaming technologies.

Unlike many manufacturers, LUMIN have in-house expertise to cover the full software and hardware development process from top to bottom, resulting in lightning-fast implementation of new features.

The last 3 major releases have seen the introduction of Spotify Lossless, Amazon Music, Qobuz Connect, KKBox, QQMusic, Audirvana Certification, TIDAL Max high-res FLAC support, Plex server support, additional free FLAC Lossless Radio Stations, JPlay Certification, and much more – all absolutely free of charge for all users!

“the LUMIN experience is just rock solid”  
U2 Steve Huff 2023

“but above all, it's the addictive sound... that seals the deal”  
P1: Hi-Fi News 2022

## MUSICAL PERFORMANCE

We dedicate a huge amount of effort into sourcing the highest-grade matching components, creating truly balanced circuits, developing custom filters, designing cases that shield from interference, and much more. However, what truly matters is that the final product faithfully conveys the artist's intentions.

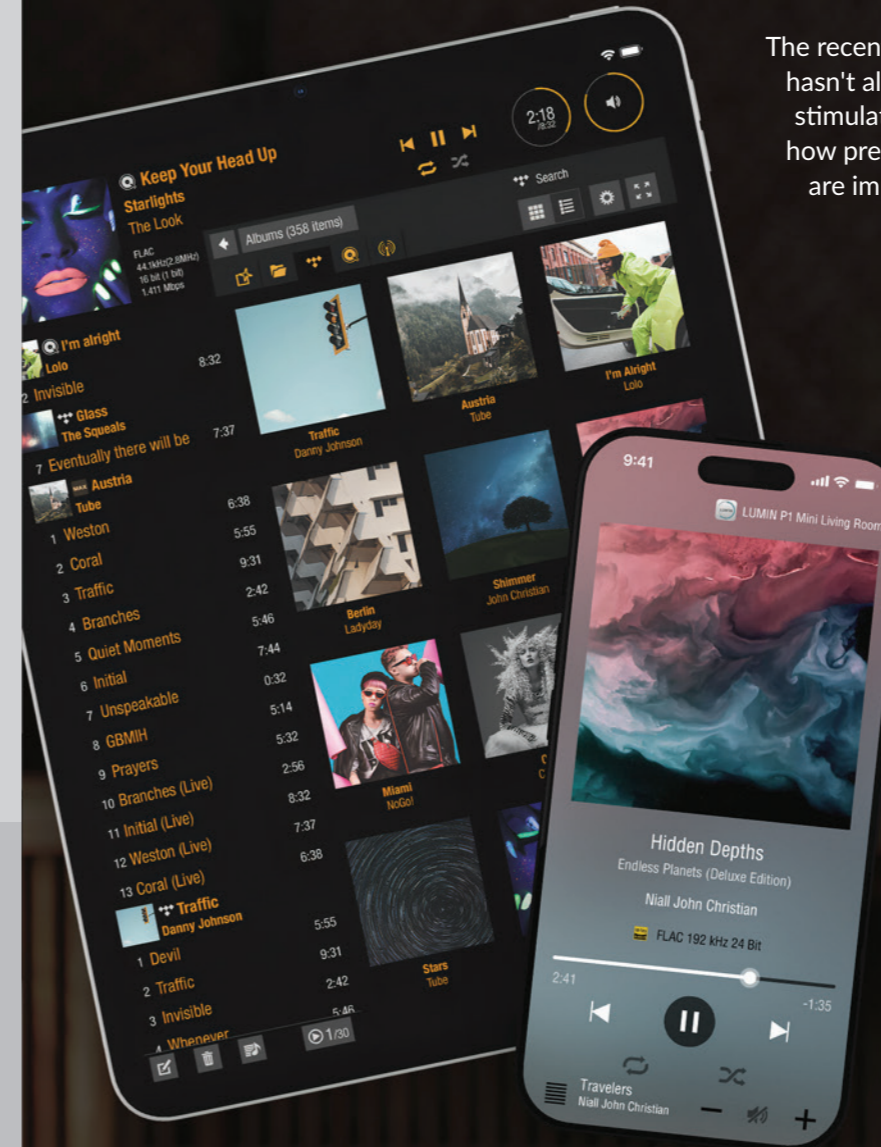
Notably, a consistent theme in every published and consumer review of all LUMIN products is musicality.

## TAKE CONTROL

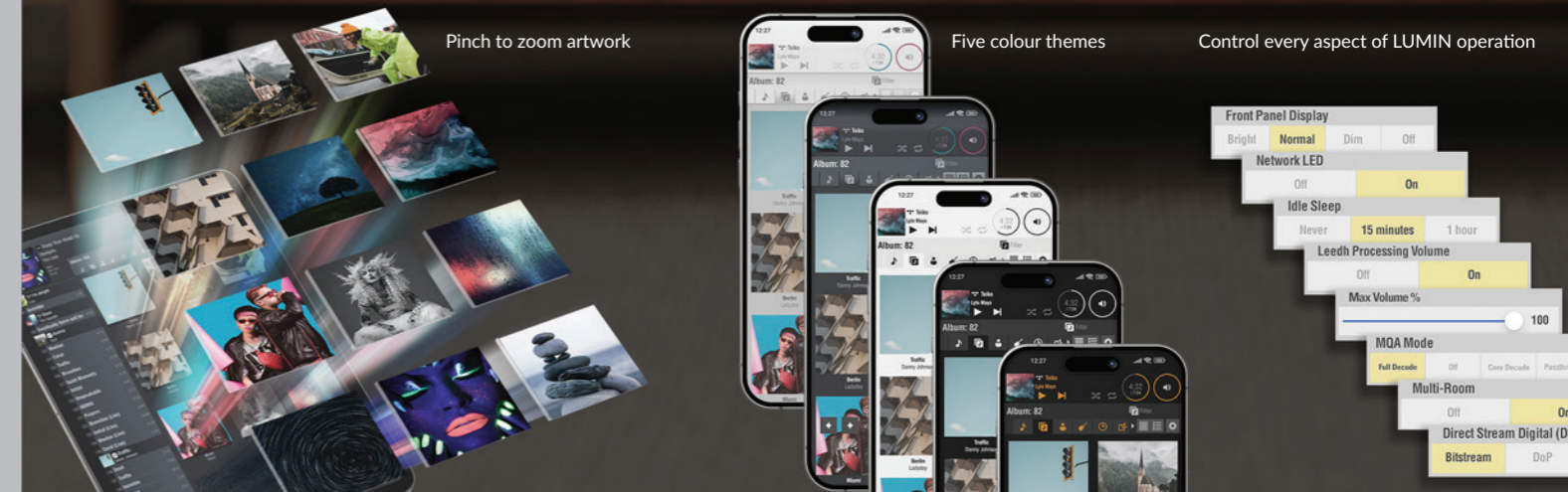
All LUMIN control is achieved through the LUMIN App. We've created it in harmony with the LUMIN hardware to deliver the most intuitive and visually rich way to browse, select and play your music collection.

The recent transition from physical music to digital collections hasn't always retained everything we value in the tactile and stimulating process of music selection. At LUMIN, we know how precious music is; that the artwork and album structure are important parts of the browsing and selection process; and we know that filenames, codecs and data can sometimes get in the way.

“a slick custom app that handles both control of music playback and configuration of hardware settings... it puts some other rival streaming apps to shame.”  
Hi-Fi News 'Outstanding Product' Award 2024



- iOS, Android, Apple Silicon & Chromebook
- Phones, tablets & more
- Separate optimised layouts for phones, tablets and desktops
- Control every aspect of LUMIN operation
- Sync playlists with cloud
- Zoom artwork with high res image support
- Display of codec name, audio sample rate, audio bit rate, and data rate
- Artwork caching
- Five colour themes
- Playlist album grouping



# NETWORK MUSIC PLAYERS



T3X



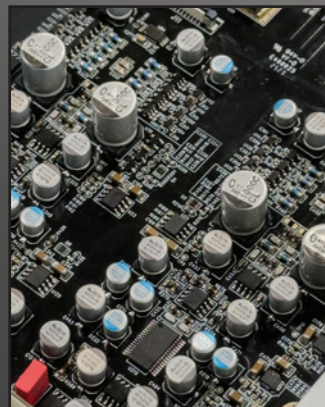
“As if we were sitting at a concert rather than in front of speakers. And yet still in a certain Lumin manner, a manner that I like.”  
High Fidelity, 2025

LUMIN T3X takes our award-winning platform and adds even more technology from our flagship players. Now featuring a toroidal linear power supply and optical fibre networking, the new T3X is better value than ever!

LUMIN T3X combines X1 technology, solid CNC-panel construction and the latest processing system to sit squarely in the performance sweet spot.

Among the key hardware features carried over from previous T-series players are the Dual ES9028PRO SABRE DACs featuring dual mono operation.

- Our all-new processing system provides increased capacity for future updates, and greater resampling flexibility
- Dual ES9028PRO SABRE DAC featuring dual-mono operation
- New integrated toroidal linear power supply
- Fibre Network provides complete isolation from network digital noise
- Dual-Network interface with built-in Network Switch
- Dual USB ports for additional flexibility and digital audio output
- Native DSD512 & PCM384 playback
- Analogue buffer includes LUMIN X1 technology



## DUAL LUMIN DISCRETE DAC

This totally new custom DAC sits at the heart of a redesigned system, with circuit layout, power management, and clocking all tuned for maximum coherence, ensuring exceptional precision in network audio reproduction.

- Every calculation and filter tailored specifically for X2
- Dual Mono
- Controlled by dual Ultra-High-Speed FPGAs
- Full Discrete Architecture
- Full 32-bit operations
- DSD512 | PCM 768kHz

X2

After years of dedicated in-house R&D, LUMIN X2 introduces our brand-new discrete DAC!

The introduction of a fully discrete DAC architecture marks a milestone in LUMIN's digital evolution.

By building the converter from individually selected components, every aspect of the digital-to-analogue process can be precisely optimised – from circuit topology and power delivery to clocking and signal integrity.

Tailored to our streaming engine, this cohesive and stable foundation sets the stage for the next chapter of our flagship design.

- The latest LUMIN processing architecture delivers all the latest features
- Custom new dual LUMIN Discrete DAC
- All-new Output Buffer
- Native DSD512 & 32-bit PCM768 playback
- Femto Clock System with precision FPGA distribution
- Dual Mono dual stage Power Supply for analogue circuitry
- SFP socket providing Optical Network support and built-in Network Switch
- USB Digital Audio Output supports Native DSD512
- PCM & DSD upsampling up to DSD256

D3



“near-impossible to beat at or near its price.”  
StereoNet Product of the Year Awards 2024

LUMIN D3 brings the audiophile potential of music streaming within everyone's reach.

Building on the success of our most popular and longest-standing model, LUMIN D3 inherits the Sabre DAC technology used throughout the rest of our range and combines it with our new all-aluminium compact chassis.

The latest LUMIN processor technology provides DSD256 upsampling and TIDAL Connect, bringing audiophile-grade performance within your reach.

- New all-aluminium compact chassis
- Latest processor provides greater resampling flexibility
- New analogue output stage features Sabre DAC and a buffer including LUMIN X1 technology
- New DAC configuration featuring Sabre DAC ES9028PRO
- Retains fully balanced design including XLR outputs
- Upsampling and downsampling to every supported format up to DSD256/PCM384
- TIDAL Connect and Airplay 2 compatible, as well as Roon Ready, Spotify Connect, MQA, TIDAL, Qobuz, Plex and Tunes

# NETWORK MUSIC TRANSPORTS



“ The Lumin U2x is an astoundingly good streamer. It has a beguilingly fluid sound that draws you in and keeps you hooked with its natural and realistic reproduction of music. ”  
U2X: StereoNet 2025

U2x

Equalling X1 in both status and build-quality, LUMIN U2X is a completely new flagship streaming transport designed to be the ultimate in digital output.

LUMIN U2X and its separate power supply use the indestructible single-billet CNC chassis construction methods from LUMIN X1 and focusses on transport-specific innovations like a newly developed isolated circuit architecture for the increasingly common USB digital output.

Also completely new for U2X are our most advanced clocking circuits to date which include new word clock input and output connections.

- Solid billet CNC chassis for maximum stiffness and isolation
- External power supply featuring solid billet CNC construction and dual toroids and low-noise linear regulator
- Native DSD512 & PCM768 playback
- Transport-specific new clocking architecture
- 10M Word Clock input and outputs
- New isolated USB audio output
- Fibre Network provides complete isolation from network digital noise
- Dual-Network interface with built-in Network Switch

U2



“ Silky, sweet, smooth, detailed, three dimensional, emotional and beautiful are just some of the words that describe this piece. ”  
Steve Huff 2023

The next generation streaming transport.

After the huge success of our sweetspot price/performance LUMIN T3, U2 brings the same design philosophy to a LUMIN transport for the first time.

Taking chassis construction methods and finish, toroidal linear power supply design and dual network from the multi-award-winning LUMIN P1, the all-new LUMIN U2 brings high-end digital right into the heart of the LUMIN range.

- First LUMIN Transport to use our new cnc-panel chassis
- First LUMIN Transport with a built-in linear power supply
- The latest processing system provides increased capacity for future updates, and greater resampling flexibility
- New integrated toroidal linear power supply
- 3x USB including a NEW low-noise direct-coupled USB output
- Dual network interface with built-in network switch and fibre SFP port to provide complete isolation from network digital noise
- DSD512 and PCM768 playback
- 4 exceptionally low-phase-noise crystal clock oscillators

U2 MINI



“ LUMIN U2 Mini has a great chance to capture the hearts of the vast majority of the population ”  
Soundrebels 2022

The product that first launched our all-new processing system, LUMIN U2 Mini takes all of our latest software features and packs them into a new all-aluminium compact chassis.

Capable of upsampling and downsampling all the way from 44.1kHz to 384kHz/DSD256 and supporting playback of DSD512, LUMIN U2 MINI is the perfect streaming partner for your DAC.

- Transport-only LUMIN for combination with an external DAC
- New all-aluminium compact chassis
- The latest processing system providing increased capacity for future updates, and greater resampling flexibility
- Upsampling and downsampling to every supported format up to DSD256/PCM384 to hit your DAC's sweetspot
- 5 types of digital audio output including USB
- Quad native clock system for precision timing

# NETWORK MUSIC HUBS



## P1 MINI



“joyful playing, without bloat or pretence. It's a perfectly balanced and thoughtful sound.”

High Fidelity 'Red Fingerprint' Award 2024

P1 Mini builds on the success of the multi-award-winning LUMIN P1 by bringing as much of the componentry and flexibility as possible into a chassis based on our massively popular D3 and U2 Mini all-aluminium designs.

Just like its bigger brother, P1 Mini is designed to be used as a streamer, a DAC, a pre-amplifier, or all three!

P1 Mini also includes front panel controls, providing input switching and volume adjustment without needing to open the app.

- Five inputs including USB, HDMI, SPDIF and analogue
- HDMI 2.0 input & 4K passthrough with ARC support
- Dual DAC ES9028PRO
- DSD512 & PCM384
- Femto clock system with precision FPGA distribution
- New internal toroidal linear power supply
- Dual network with optical fibre network support
- Leedh Processing lossless volume control
- Included infrared remote control

“the fact that it looks and sounds so striking, works so seamlessly with its control app, and has all the flexibility most could ever want, means it's an attractive buy. But above all, it's the addictive sound, from electropop to full orchestral force – and everything in between – that seals the deal.”

Hi-Fi News LUMIN P1 'Outstanding Product' 2022

## P2

Building on the multi-award-winning foundation of P1, LUMIN P2 establishes a new reference for our 'Network Music Hub' family.

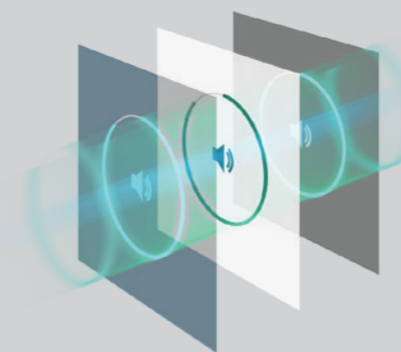
By combining our latest high-capacity processor with a flagship Dual ES9038PRO DAC stage, we've increased both processing headroom and precision.

This increased precision is supported by a dual-toroidal power supply and Lundahl output transformers, providing the high-current, isolated foundation required to maintain signal integrity from input to output. It is the definitive 'all-in-one' – a world-class streamer, DAC, and pre-amplifier in a single, uncompromised chassis.

- 9 digital & analogue inputs
- Upgraded analogue output stage featuring dual ES9038PRO SABRE DACs in mono mode
- USB digital audio input & output support up to native DSD512
- Balanced & single-ended analogue inputs
- SPDIF & AES input support up to 192/24 & DoP
- HDMI 2.0 inputs & 4K passthrough with ARC support
- Dual mono design throughout maximises channel separation
- Femto clock system with precision FPGA distribution
- Integrated dual-toroidal linear power supply
- Fibre network for galvanic isolation from network noise
- Leedh Processing lossless volume control

## WHAT IS LEEDH PROCESSING?

LEEDH PROCESSING



“as soon as you trigger Leedh, you understand to what extent all usual pre-amplifiers add their own colorations”

Joël Chevassus, 6moons

“there is evidently a small but measurable improvement in distortion”

T3 Lab Test. Hi-Fi News 2023

Available for free on the whole LUMIN range! Leedh Processing is an innovative new digital volume adjustment algorithm that eliminates rounding errors and modifies the digital signal amplitude exactly, without any changes to its shape and free from any kind of information loss.

The low processing power requirements free up CPU resources and has removed the need for a pre-amplifier in many systems.

Leedh Processing is an innovation of Gilles Milot of Acoustical Beauty and is used under licence.

# HARDWARE FAMILY



“ This combo easily competes with the very best by [other elite-level brands], simply at a fraction of their price. That clearly deserves an award. ”  
6moons Blue Moon Award 2020

## AMP

### CLASS AB POWER AMPLIFIER

Looking for the perfect partner for your LUMIN Music Streamer? Look no further. Engineered to let your LUMIN sing!

Taking advantage of the incredible Leedh Processing volume control in your LUMIN Streamer, LUMIN Amp features everything you need and nothing you don't, focussing purely on performance.

If your LUMIN streamer sounded like a breath of fresh air, prepare to take it to the next level.

- 160W into 8Ω, 320W into 4Ω
- Solid Billet CNC aluminium chassis construction
- Dual mono power supply and amplifier design
- Fully discrete voltage and current gain stages
- DC-coupled signal path
- High input impedance and sensitivity for direct DAC drive
- Intelligent bias and thermal management
- Stereo / dual mono / bridged operation
- 600VA custom toroidal transformer
- Built-in overload, overheat and DC protection

## L2

### MUSIC LIBRARY & NETWORK SWITCH

“ What surprised me most was the dead silence and black background while playing music... It was one of those things that was immediate once I hit play. ”  
Audiophile Style 'CASH' Award 2024

The perfect partner for LUMIN owners who wish to store their own music collection.

The effortless operation of LUMIN L2 belies its advanced features and unrivalled flexibility.

With a 4-port audiophile-grade network switch on board, its two optical fibre SFP ports and two RJ45 copper ports L2 can streamline and enhance your network.

- Available without drives or with 4TB or 8TB capacity
- Zero configuration required
- Automatically serves all added music
- Fibre network for complete isolation from network digital noise
- 4-port Gigabit switch simplifies cabling and makes fibre easy
- UPnP (OpenHome) compatible
- USB 3.0 Micro type B for connection to computer
- SMB support for transferring over the network
- Thick-panelled CNC aluminium construction



## N1

### AUDIOPHILE NETWORK SWITCH

“ ...for every audiophile who values doing business with a great company, likes direct user support, zero configuration setup, rock solid stability, components that work and are nearly impossible to break... ”  
L2, Audiophile Style 'CASH' Award 2024

LUMIN N1 brings flagship-grade network isolation to your entire hi-fi system. Building on the huge success of LUMIN L2, this dedicated 10-port switch provides even greater connection flexibility and combines high-capacity with a zero-noise philosophy.

With 4x SFP fibre ports and an external 10M clock input, it provides the ultimate clean-data foundation for LUMIN owners who demand the best from their network.

- 6x Copper RJ45 ports and 4x Fibre SFP ports for massive system flexibility and complete electrical isolation for the most sensitive equipment
- 10M External Clock Input allows for synchronisation with either LUMIN U2X or an external master clock for absolute timing accuracy
- Internal Linear Power Supply with an extra-large toroidal transformer
- Zero configuration required
- Aluminium chassis construction based on D3 and U2 Mini
- Available in the same anodised black or raw silver finishes as the rest of the LUMIN range.



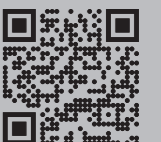
	NETWORK MUSIC PLAYERS			NETWORK MUSIC HUBS		NETWORK MUSIC TRANSPORTS		
	X2	T3x	D3	P2	P1 MINI	U2x	U2	U2 MINI
PCM PLAYBACK	768kHz	384kHz	384kHz	384kHz	384kHz	768kHz	768kHz	768kHz
DSD PLAYBACK	512	512	256	512	512	512	512	512
DAC	2x LUMIN Discrete	2x ES9028PRO	ES9028PRO	2x ES9038PRO	2x ES9028PRO	-	-	-
AUDIO INPUTS	-	-	-	9	5	-	-	-
INFRARED REMOTE CONTROL	Optional	Optional	Optional	✓	✓	Optional	Optional	Optional
POWER SUPPLY	External CNC Dual-Toroidal LPS	Internal Toroidal LPS	Internal Low-Noise SPS	Internal Dual-Toroidal LPS	Internal Toroidal LPS	External CNC Dual-Toroidal LPS	Internal Toroidal LPS	Internal Low-Noise SPS
CLOCK	2x FEMTO	2x FEMTO	2x Ultra Precision	2x FEMTO	2x FEMTO	4x Ultra Precision	4x Ultra Precision	4x Ultra Precision
CLOCK INPUT AND OUTPUTS	-	-	-	-	-	10M Input 2x 10M Outputs	-	-
ANALOGUE COUPLING	Lundahl Output Transformers	Audio Grade Capacitors	Audio Grade Capacitors	Lundahl Output Transformers	Audio Grade Capacitors	-	-	-
CHASSIS	Single Billet CNC	CNC Panels	Precision Aluminium	CNC Panels	Precision Aluminium	Single Billet CNC	CNC Panels	Precision Aluminium
USB DIGITAL OUTPUT	✓	✓	-	✓	✓	✓	✓	✓
ISOLATED OR DIRECT-COUPLED USB	-	-	-	-	-	Isolated	Direct-coupled	-
FIBRE NETWORK	✓	✓	-	✓	✓	✓	✓	-

Maximum available digital output sample rate depends on output port and DAC compatibility. USB output and compatible Linux-based DAC may be needed to achieve quoted figures.

“The support behind the LUMIN is also as stellar as the unit itself”  
The Absolute Sound, 2022

## NEED MORE INFORMATION?

The latest specification for all our products, detailed owner's manuals, full magazine reviews and more can be found on our website:



## ARRANGE A DEMONSTRATION TODAY!

Now sold in hundreds of dealers spread across 46 countries, listening and comparing LUMIN products has never been easier.

Our network of specially selected and trained dealers is available to guide you through our product range and help find exactly the right LUMIN for you.

Find your nearest dealer on our website and arrange your demonstration today:

