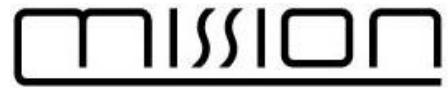


# Press release



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*Above* Mission 778S network music streamer in silver finish

## Heavenly sound descends with Mission's 778S streamer

**Much-loved speaker brand's first network music player is compact, versatile and delivers the sweetest of streams, designed in partnership with audio streaming specialist Silent Angel**

*Cambridgeshire, England* -- In 2022, loudspeaker specialist Mission launched a compact integrated amplifier called the 778X – the first new amp under the Mission brand for almost four decades. It proved an instant hit, keenly priced at £549 and delivering a mix of classic styling, modern facilities and superb sound that continues to ensure its best-selling status in 2026 and beyond.

Building on this success, the company's next audio electronics mission was to design a network music streamer in the same compact chassis as the 778X – ideally matched to that classy little amp, as well as Mission's award-winning range of speakers, but equally well suited to partnering with products from other brands. Thus, the 778S was born.

Mission's first network music player measures just 236x98x357mm (WxHxD), yet packs in fabulous streaming tech, a high-performance DAC and impressive connectivity. Its symmetrically arranged front panel features two rotary controls – 'select' and 'volume' – which flank a dimmable OLED display.

A broad range of digital inputs includes dual-band Wi-Fi and Gigabit Ethernet for network streaming, together with USB-C for PC/Mac connection and two USB-A ports to plug in USB storage devices. In terms of audio outputs, balanced XLR and single-ended RCA sockets are supplied for connection to an

analogue amplifier, alongside coaxial, optical and USB-A digital outputs to hook up an external DAC. There's even a headphone output, so the 778S can be used as a standalone 'head-fi' music streamer without requiring connection to a stereo amp and speakers.

Mission's new streamer is clearly a versatile device. But its greatest asset is its heavenly sound – the voice of an angel, with a mission to bring sonic rapture to music-loving souls on this earthly plane...



*Left* The 778S's rear panel sports an impressive array of inputs and outputs, ideal for a wide variety of system configurations

### **Mission 778S: powered by Silent Angel**

Mission's objective was to create a compact music streamer with celestial sonic skills at a down-to-earth price. Following an exhaustive search for a suitable streaming technology specialist with which to partner, the company settled on Silent Angel.

Formed in 2014, Silent Angel has spent the last decade cultivating an excellent reputation for its network streaming platform, around which its own highly regarded products are built. The company's technology is cleverly designed, giving its accessibly priced music streamers a clear sonic advantage over other sub-£1,000 devices. It is stable in use, delivering unerring quality however you stream, with an accompanying app that is built for performance and simple to use. When selecting a partner to aid Mission in its quest to deliver an excellent quality/price ratio, Silent Angel was the clear winner.

Mission and Silent Angel have worked closely together to develop the 778S, integrating a custom version of Silent Angel's streaming engine with Mission's own circuit designs. ARM Cortex-A72 and Cortex-A53 multi-core CPUs supply ample processing power for seamless operation, and a specialised app based on Silent Angel's VitOS software provides a crisply designed and user-friendly interface on iOS and Android devices.

Tidal Connect, Qobuz Connect, Spotify Connect and TuneIn Radio are all embedded, each service supported to its highest audio quality, while AirPlay 2 offers another way to stream via Apple devices. And because Mission's streamer is fully UPnP/DLNA compliant it connects seamlessly with other DLNA devices on a home network – NAS drives, for example – with the option to control the streamer via third-party UPnP/DLNA apps.

The 778S is certified Roon Ready, with RAAT (Roon Advanced Audio Transport) protocol built in. This ensures it works seamlessly as an endpoint in a Roon-connected audio environment, controlled by the

Roon app – the software of choice for many audiophiles building high-performance integrated digital music systems in their homes.

### Proprietary circuitry lets the music shine

The 778S fuses Silent Angel's streaming technology with Mission's own first-rate electronics, including a DAC stage built for sonic excellence. At its heart lies the ES9038Q2M, a high-specification 32-bit DAC chip from the ESS Sabre series, accompanied by proprietary clock and power supply circuitry to make the most of ESS Technology's HyperStream II architecture and Time Domain Jitter Eliminator.

Although technically excellent, Sabre DAC chips must be implemented with care to extract their full sonic potential. The post-DAC active filter is a critical element – Mission has incorporated a Class A circuit that is perfectly tailored to unlock the full potential of the ES9038Q2M's exceptional signal-to-noise performance and dynamic range.

The 778S benefits from a noise-isolated signal path and expertly engineered linear power supply incorporating a high-quality toroidal transformer, delivering clean, consistent power to all the sensitive parts of the digital and analogue stages. The XMOS chip, MCU and DAC each have their own dedicated supply, with multiple discrete ultra-low-noise regulators providing power separately for each stage of the digital-to-analogue conversion process – a critical contributor to the streamer's performance.

The post-DAC analogue circuitry incorporates high-quality components and features a balanced topology, designed to eliminate noise and distortion in the signal path. This feeds the XLR outputs directly, enabling anyone connecting the 778S to an amp with balanced analogue inputs to reap the full sonic benefits. Meanwhile, those making use of the 6.35mm headphone output profit from an onboard amp with a high-quality current-feedback design and high slew rate, ensuring a dynamic and detailed performance with all manner of headphones.



*Left Available in black or silver, Mission's compact streamer packs in a wealth of high-performance circuitry to deliver excellent sound*

### New year's resolution

Hi-res audio support is state-of-the-art, handling PCM up to 32-bit/768kHz (including fixed-point PCM via the Mission app) and native DSD up to 22.5MHz (DSD512). Every significant hi-res and lossless audio format is catered for, spanning FLAC, Apple Lossless (ALAC), WAV, AIFF and APE, alongside native DSD in

DSF and DIFF form, as well as DoP (DSD over PCM). 'Lossy' format support includes MP3, WMA, AAC and OGG – no matter how the audio you play is formatted, the 778S delivers its full sonic potential.

Unusually for a music streamer with a sub-£1,000 ticket price, PCM audio streams are upsampled to 352.8kHz or 384kHz prior to conversion to analogue. This is not just to look good on a 'spec sheet'; it pushes digital artefacts further away from the audible spectrum, allowing gentler reconstruction filtering and helping to maintain a clean, consistent feed into the DAC. In combination with ESS Technology's Time Domain Jitter Eliminator, this supports the ES9038Q2M chip's low-noise, low-distortion performance, producing sharper transients, greater dynamic nuance and a more natural soundstage.

Alternatively, users can override the upsampling facility and apply one of five DAC reconstruction filters to fine-tune the sound to their taste. These 'sonic tailoring' options are especially useful given the variable quality of digital audio formats and streaming services.

### Mission accomplished

Mission's official slogan – 'music leads, technology follows' – inspires every Mission product design, not least the 778S. From source to output, every aspect of its technical design is focused on delivering sonic excellence – a means to achieve a marvellous musical end.

Its sound is fluid, full-bodied, detailed and dynamic, engaging the listener in the music, the whole music and nothing but the music – always the Mission way. It is clearly superior sonically to popular sub-£500 music streamers yet achieves an accessible sub-£1,000 price point. In classic hi-fi terms, it is the ideal step-up model from the best 'budget' streamers on the market today.

The Mission 778S network music streamer is available from late January in a choice of black or silver, at an RRP of £799.



*Left* Mission's compact 778S streamer and 778X amplifier are a great match, aesthetically and sonically

**UNDER EMBARGO UNTIL 12:00 GMT ON FRIDAY 16 JANUARY 2026**



Mission has built a world-class reputation for advanced audio design since the company's formation in Huntingdon, Cambridgeshire in 1977, with an engineering-led approach to product development that has resulted in some of the most popular and iconic loudspeakers ever devised.

Three things have always characterised Mission speakers. First, the cabinets and drive units use innovative materials and sport a distinctive, modern appearance. Second, the sound they produce is dynamic, detailed and engaging. Third, they deliver excellent sonic and material value for money.

Today, Mission continues to stretch sonic boundaries at accessible prices. The brand now benefits from the unrivalled manufacturing facilities and global reach of parent company International Audio Group, with all the component parts of every speaker made in-house. Yet Mission's roots remain firmly entrenched in Huntingdon, where design, servicing and technical support continue to be based. This, coupled with a design team brimming with homegrown talent, ensures Mission speakers – and now also audio electronics – remain as impressive today as they were when the company established itself at the forefront of the burgeoning British audio scene almost half a century ago.

[www.mission.co.uk](http://www.mission.co.uk)



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