

Nº 519 AUDIO PLAYER

markto  
LEVINSON®



mark  
Levinson.  
AUDIO PLAYER No. 519

mark  
Levinson.



input



select



settings



back



mute



play/pause



next



previous



stop/eject



volume

headphones



standby



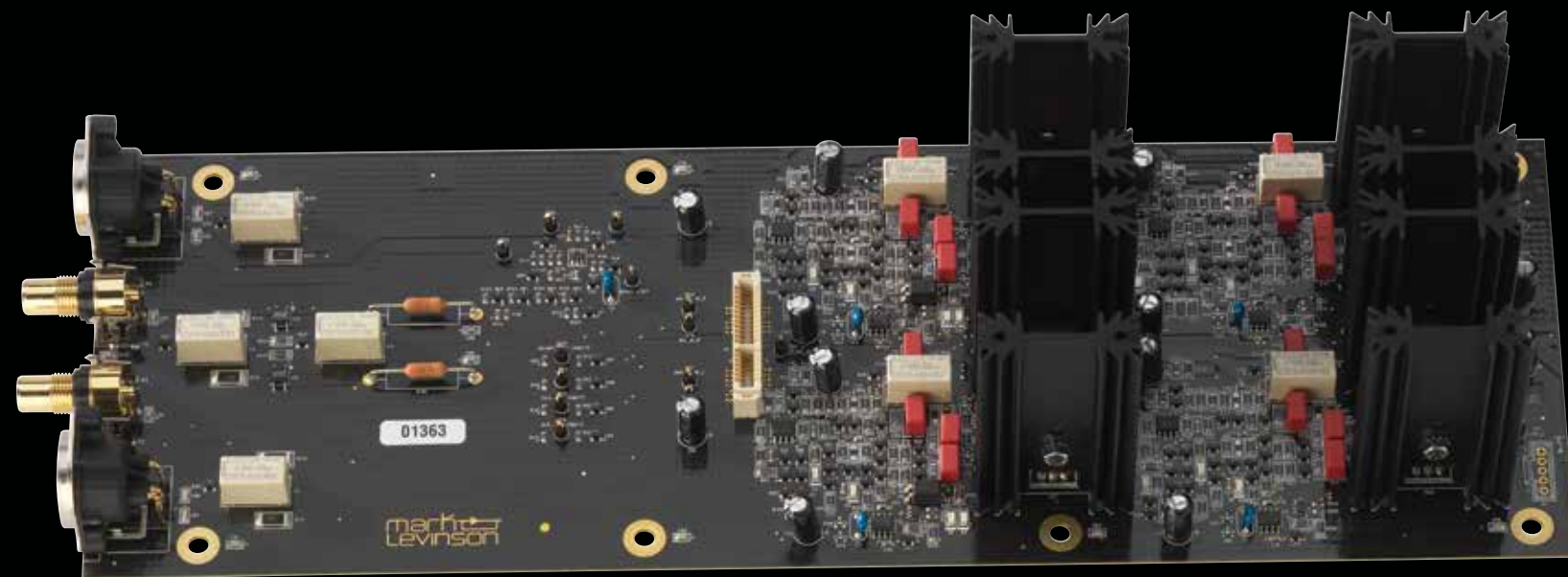


Since 1972, Mark Levinson has been dedicated to the uncompromising art of sound, with the guiding principle of musical purity above all else. To achieve that goal like never before, Mark Levinson engineers scoured company archives, ultimately developing a circuit-design philosophy called Pure Path. On a conceptual level, its hallmark principles include a discrete, direct-coupled, fully balanced, dual-monaural signal path that delivers unrestricted, uncompromised sonic purity.

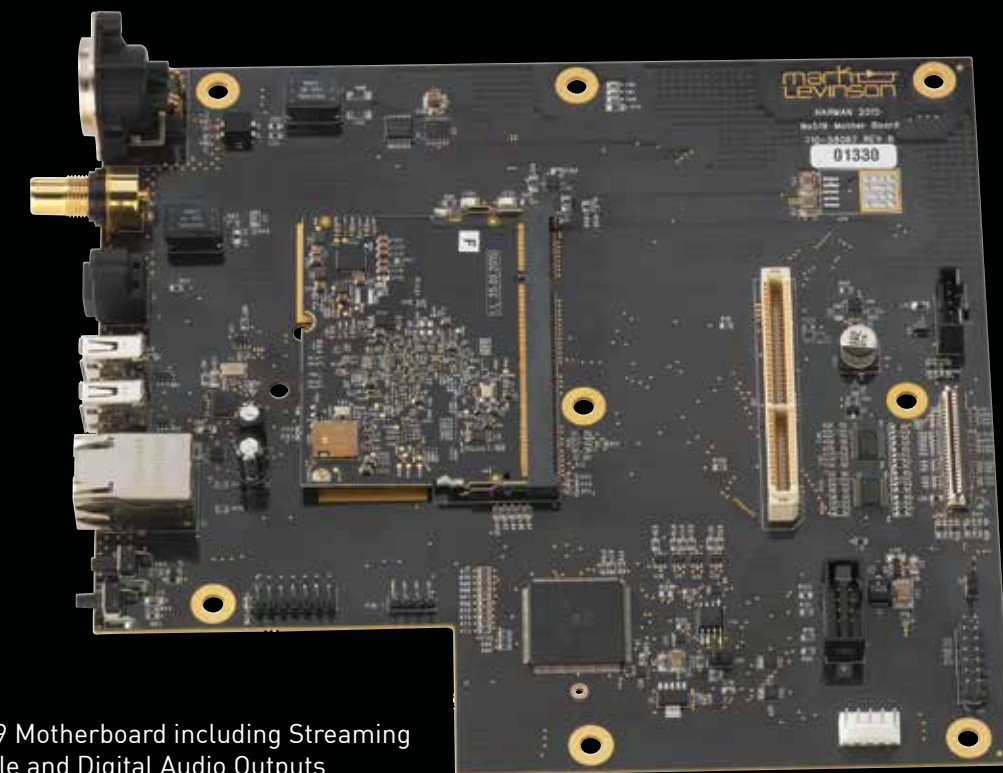
Far from merely arranging high-quality components in an intelligent manner, Pure Path is the meeting of science and art: Mark Levinson engineers are tasked to create the best possible measured AND subjective performance.

## BUILDING THE ULTIMATE SOURCE PLAYER

The Mark Levinson N°519 is a complete, modern digital audio player for today's music lover. It combines wireless and wired streaming with a slot-loading CD player, plus connections for USB drives, additional digital inputs, wireless Bluetooth with aptX, and HARMAN Clari-Fi® music restoration technology; all in an uncompromising package featuring Mark Levinson Pure Path system design in a 6000-series aluminum chassis. The N°519 sports a large, full-color TFT display, comes with a matching remote control, and can be controlled with iOS and Android apps, and all major web browsers. It also features a host of system integration connections including RS-232, IP control and more. Like all Mark Levinson products, the N°519 is proudly designed, engineered and handcrafted in the USA.



N°519 Analog Audio Board Including Main Drive Headphone Circuit and Analog Audio Outputs



N°519 Motherboard including Streaming Module and Digital Audio Outputs

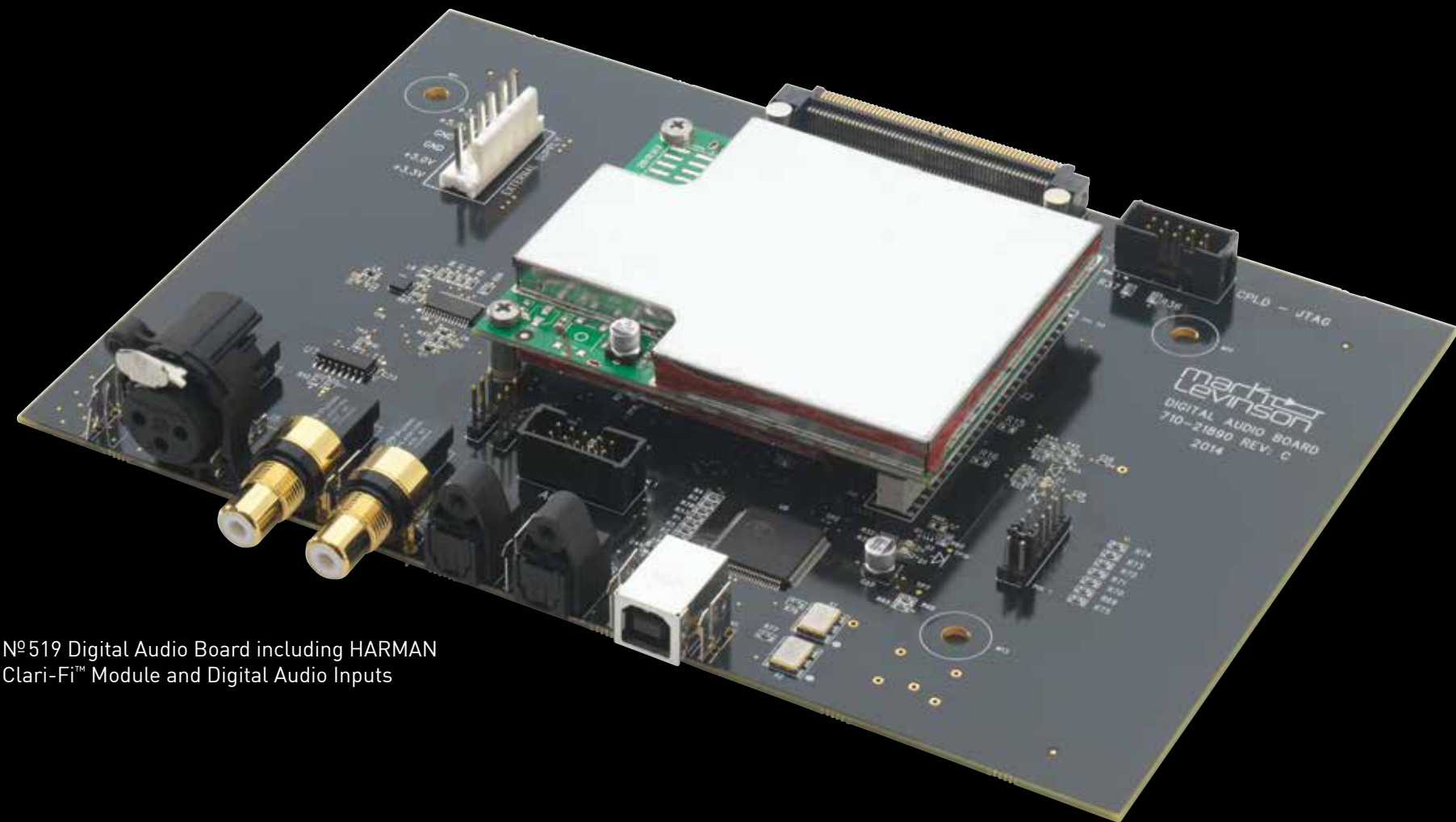


The N°519 ushers in a new generation of music access and enjoyment with Mark Levinson. Far from being merely a network player, the N°519 is a complex yet easy-to-master unit. In addition to its ability to browse, access and play music from a variety of connected sources, the N°519 is also a complete Mark Levinson digital preamplifier and DAC with volume control, which is able to directly connect to amplifiers or active loudspeakers without the need for a preamplifier.

## CD PLAYBACK

A slot-loading transport optimized for the N°519 Audio Player provides playback of compact discs including Redbook CD and CD-R/MP3 data formats. The front panel of the player will display metadata and track information as well as album cover art when connected to the network. With the unparalleled performance of the integrated Precision Link DAC, your music collection has never sounded this good.





Nº519 Digital Audio Board including HARMAN Clari-Fi™ Module and Digital Audio Inputs

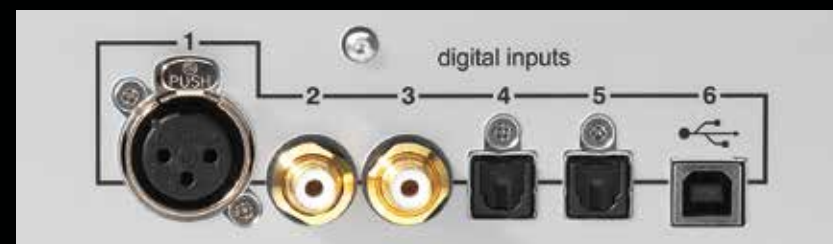


Nº519 Precision Link™ DAC Board

## PRECISION LINK DAC

Adhering to the Mark Levinson Pure Path design philosophy, the proprietary Precision Link™ DAC delivers uncompromised audio quality from high-resolution audio formats with a mirror-image, fully-balanced, fully-discrete dual monaural signal path. The DAC board circuitry includes five power supplies dedicated to performance optimization of the ESS Sabre Reference chip, and an additional four power supplies dedicated to the analog audio output stage, resulting in a pristine signal with an exceptionally low noise floor.

Virtually all high-resolution audio formats are supported: up to 32-bit/192kHz PCM, up to double-speed DSD, MQA, MQA Studio, FLAC, ALAC, WAV, MP3, AAC, WMA, OGG, APE, AIFF, and WMV FLAC, from computers. With six digital inputs including asynchronous USB, AES/EBU, and S/PDIF, along with CD, Ethernet, Wi-Fi, Bluetooth® with aptX™, USB and network drive playback.



Nº519 offers a variety of digital connectivity

## STREAMING AUDIO PLAYBACK

The N°519 Audio Player includes Ethernet and Wi-Fi connectivity to access a wealth of online streaming content including MQA, CD-quality and lossless audio. Popular streaming services – Spotify® Connect, Tidal®, Deezer®, and Qobuz® – are integrated along with Internet radio and podcasts. The N°519 includes MQA technology (Master Quality Authenticated) which delivers master quality audio in a file that's small enough to stream or download. The N°519 enables MQA playback via DLNA, or while streaming MQA files via Tidal, as well as playback from a USB drive.

With the full color front panel display and via the N°519 control app for iOS and Android, your favorite content is on-hand including playlists, album artwork, and more. The N°519 has been designed to be upgradeable over-the-air so that new services and features can be added to keep you in connection with your music.



## NETWORK AUDIO PLAYBACK

The N°519 unleashes the flexibility, and performance of networked audio. It can be connected to your Local Area Network (LAN) to access content on a Networked Attached Storage (NAS) drive. There are also two USB Type A connectors that can be used for playback from a portable hard drive or a USB flash drive. Content can be navigated and is searchable using the front panel display, the iOS and Android apps, or even major web browsers when the N°519 is connected to an outside network. In addition, the N°519 is Roon ready. Roon is an incredibly rich and engaging way to browse and organize your music and related content. Being Roon Ready means that the N°519 will transparently discover and connect to Roon without any configuration, and bit-perfect audio is delivered from Roon to the N°519.



## BLUETOOTH

For simple and instant connection to a mobile device, the N°519 includes Bluetooth® audio input capability. For maximum audio quality with compatible mobile devices, the Qualcomm® aptX™ audio codec is included to help overcome the bandwidth limitations inherent with Bluetooth and deliver CD-like quality.



## COMPLETE CONTROL

Playback and operation of the N°519 can be controlled in numerous ways allowing for custom integration and personalization for the way you want to listen. In addition to the 5-inch (125mm), full color TFT LCD display, flanked with knobs and buttons on the front panel, the N°519 includes a cast-aluminum, hand-held remote control with controls for most operations. In addition, iOS and Android apps are available for use from a mobile phone or tablet. The N°519 Audio Player can also be managed via all major web browsers and includes full IP control over Ethernet for major third-party control systems. Additional system integration includes RS-232, remote IR input, and 12V trigger connections.



## MAIN DRIVE HEADPHONE

For intimate listening, the Audio Player includes a front-panel headphone connector driven by Mark Levinson's proprietary Main Drive circuitry. Instead of using a traditional low power chip amplifier, Main Drive takes advantage of the fully-balanced, Class A analog audio output circuitry to drive the headphone output. When headphones are connected to the front-panel jack, the analog audio outputs are muted and the entire audio circuit is dedicated to high-performance headphone playback. You no longer need to purchase a separate headphone amplifier to drive premium 32-ohm impedance headphones. With Main Drive, a fully-balanced, fully-discrete, Class A headphone amplifier is included in the N°519 Audio Player.





## MADE IN THE USA

All Mark Levinson equipment employs electronic components carefully chosen for their specific task. Tantalum nitride thin-film resistors in critical gain-setting and feedback locations make the sound revealing and effortless, free of the low-level nonlinearities caused by lesser resistive materials. An extremely costly material, tantalum nitride typically finds use in sensitive military equipment because it is unusually stable with respect to temperature, exhibits very low noise, and is unaffected by magnetic fields. Similarly, film-type capacitors in critical filtering locations perform extremely consistently, regardless of temperature and frequency.

Housed in an aircraft-grade 6000-series extruded and machined aluminum chassis, the N°519 features extremely high build precision, to exceedingly low tolerances. Attention to detail is evident even in individual components, each of which is carefully selected and precisely placed for ultimate sonic purity and visual composition.

Mark Levinson equipment is designed at the HARMAN Engineering Center of Excellence in Shelton, CT, prototyped in-house, and handcrafted exclusively at an ISO 9001 facility in Massachusetts under strict Mark Levinson engineering and quality supervision.



## IN SUMMARY

- Pure Path discrete, direct-coupled, fully balanced, dual-monaural signal path
- Plays from networked drives and devices, streaming services, Bluetooth, and connected media
- 32-bit Precision Link DAC with three selectable filters and nine power supplies
- Plays up to 32-bit, 192kHz PCM, double-speed DSD, CD, and virtually all two-channel formats including MQA
- Spotify, Tidal, Qobuz, Deezer, internet radio, and podcasts built in\*
- Class-A Main Drive Headphone output for up to 32-ohm headphones using main circuit
- Six high-resolution digital inputs: balanced, coaxial, optical, and USB asynchronous
- Analog output volume control for direct connection to amplifiers or active loudspeakers
- Designed, engineered and handcrafted in the USA

## DISCLAIMERS

\*Availability of streaming music content and resolution varies by region. Mark Levinson® and Clari-Fi® are registered trademarks of HARMAN International Industries, Incorporated. Bluetooth® is a registered trademark of Bluetooth SIG, Inc. aptX® is a registered trademark of CSR plc. Spotify Connect is a trademark of Spotify AB. TIDAL is a trademark of Aspiro AB. QOBUZ is a trademark of Qobuz SARL. Deezer is a trademark of Blogmusik. Android™ is a trademark of Google Inc. Other company and product names may be trademarks of the respective companies with which they are associated. Features, specifications and appearance of the product may be subject to change without notice.



## SPECIFICATIONS

### CONNECTIVITY

- DIGITAL INPUTS: 1 balanced (XLR), 2 coaxial (RCA), 2 optical (Toslink), 1 USB-B asynchronous
- DIGITAL OUTPUTS: 1 balanced (XLR), 1 single-ended (RCA), 1 optical (Toslink)
- ANALOG OUTPUTS: 1 pair balanced (XLR), 1 pair single-ended (RCA), 1 headphone (1/4", 6.3mm TS)
- CONTROL CONNECTORS: Ethernet (RJ45), RS-232 (RJ12), Trigger In and Out, IR In, USB-A, Mini USB

### NETWORK

- Ethernet, Wi-Fi 802.11b/g/n

### DATA PROCESSING

- PROCESSOR: 1GHz ARM Cortex A8 Sitara
- MEMORY: 4GB RAM and 4GB Flash
- MASS STORAGE CONNECTORS: 2 USB type A

### SOFTWARE

- CONTROL APPS: iOS, Android, Web browser
- SOFTWARE UPDATE: Network, USB

### MAIN DRIVE HEADPHONE CIRCUIT

- HEADPHONE OUTPUT IMPEDANCE: selectable; < 3 $\Omega$  or 75 $\Omega$
- HEADPHONE MAXIMUM OUTPUT, LOW IMPEDANCE SETTING, 30 $\Omega$  (0.3W), 20Hz TO 20kHz, < 0.1% THD: >3VRMS
- HEADPHONE MAXIMUM OUTPUT, LOW IMPEDANCE SETTING, 300 $\Omega$ , 20Hz TO 20kHz, < 0.1% THD: >9VRMS
- HEADPHONE THD+N, 20Hz TO 20kHz, 2V RMS: < 0.03% @ 30 $\Omega$ , < 0.01% @ 300 $\Omega$

### DIGITAL AUDIO PERFORMANCE

- DAC OUTPUT VOLTAGE @ FULL SCALE (0DBFS): 3.7VRMS
- DAC FREQUENCY RESPONSE: 20Hz to 20kHz, +0 / -0.2dB
- DAC THD, FULL SCALE (0DBFS): < 0.0001% @ 1kHz, < 0.0003% @ 20kHz
- DAC SNR (REFERRED TO 3.7VRMS / 0DBFS OUTPUT): >120dB (A-weighted)
- PCM SAMPLE RATES/BIT DEPTH: 32, 44.1, 48, 88.2, 96, 176.4, or 192kHz; up to 32 bits
- DSD: Native or DoP (DSD over PCM), single- and double-speed (2.8 and 5.6MHz)

### A/C POWER

MAINS VOLTAGE: 100VAC, 115VAC, or 230VAC, factory set

### DIMENSIONS

5.55" x 17.25" x 15.27"  
(140.97mm x 438.15mm x 387.85mm)

### WEIGHT

56 lb (25.4kg)

For more detailed specifications visit [marklevinson.com](http://marklevinson.com)

mark  
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AUDIO PLAYER № 519

volume



standby





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