

AUDIO PURITY

WINTER 2017

mark
Levinson®





KLR

01

polarity

setup

enter

display intensity

balance

mute

mark
Levinson®

INTEGRATED AMPLIFIER No 585

volume

standby

DEFINING AUDIO PURITY

The problem was evident to anyone who really listened to recorded music: Recordings rarely, if ever, lived up to the original performance. To some, that didn't matter. To others, it mattered more than anything. This quest for Audio Purity is the foundation of the Mark Levinson brand rooted deeply in the past and continuing into the future.

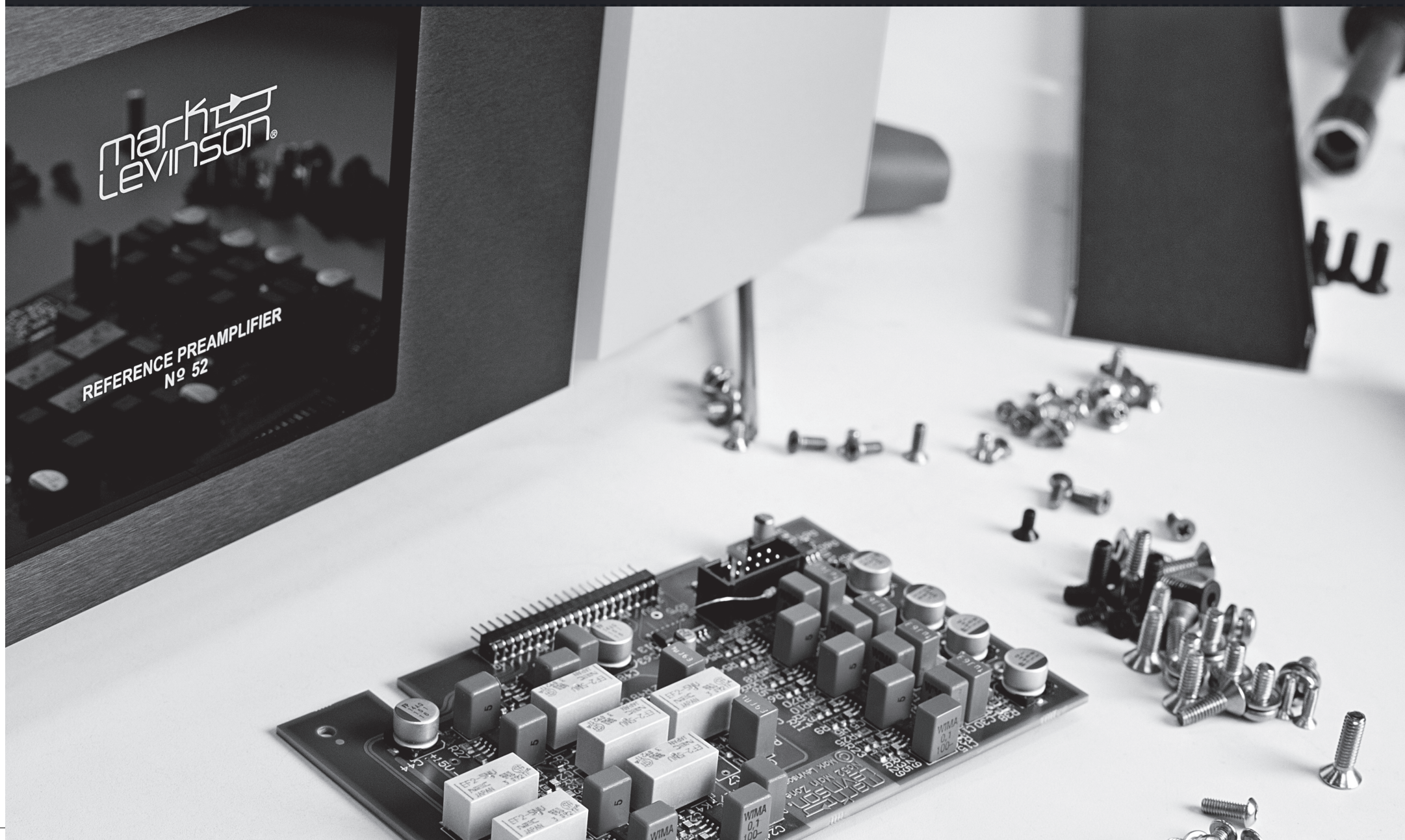




PRODUCT DESIGN PROCESS

Designed and manufactured entirely in the United States, all Mark Levinson products are handcrafted and tuned making each product perform beyond expectations. The design and build process take place at the Engineering Center of Excellence located in Shelton, CT with invaluable support and contribution from the Acoustical Center of Excellence located in Northridge, CA. The attention to detail is evident in every component. Each piece is precisely placed for the ultimate sonic purity and visual composition. Nothing is extraneous. This makes Mark Levinson products as much a feast for the eyes as it is for the ears. And this beautiful symmetry is obvious on both the inside and outside of each product.



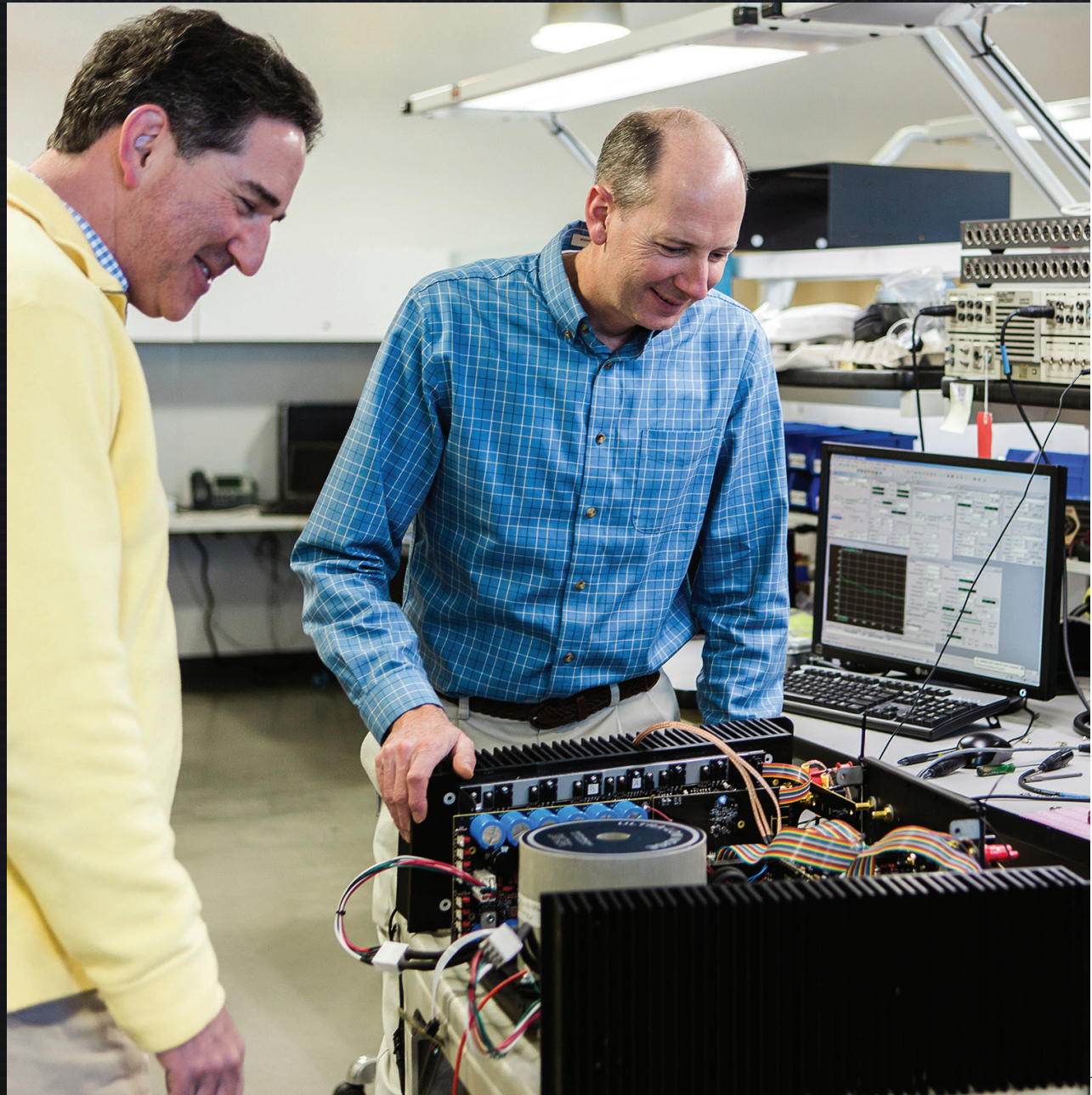


mark
levinson®

REFERENCE PREAMPLIFIER
No 52

PRODUCT DESIGN PROCESS

No clever design can eliminate the unit-to-unit variations that emerge when products are manufactured. To control variables, Mark Levinson products are manufactured entirely in Massachusetts. Company engineers clearly define construction techniques, inspection methodologies and rigorous testing for its products. Handwork and automation are used as appropriate to reach the peak of the cost-versus-performance curve. By balancing the work of man and machine, Mark Levinson produces components that offer both high performance and value. The design of all Mark Levinson components and systems is a collaborative effort, driven by a demand for a new product or improvement of an existing one. The collaboration begins with a product concept that combines fundamental design parameters, thorough understanding of technological options and familiarity with the variety of materials and parts available. The process is guided by Mark Levinson engineers' well-developed sense of aesthetics and user interface.





PREAMPLIFIERS

A key component in any high-precision playback system is the preamplifier, which handles input selection and level control for the connected power amplifier and loudspeakers. Input sources have evolved during the past 40 years, from analog phono cartridges, am/fm tuners, tape/cassette decks and other auxiliary sources to digital sources such as cd, sacd™, dvd and blu-ray disc™ players and PC-based high-resolution audio players. Mark Levinson engineers understand that, regardless of the format, the source-selection and volume-control functions need to be implemented seamlessly and elegantly, while avoiding the introduction of any coloration to the input signal.





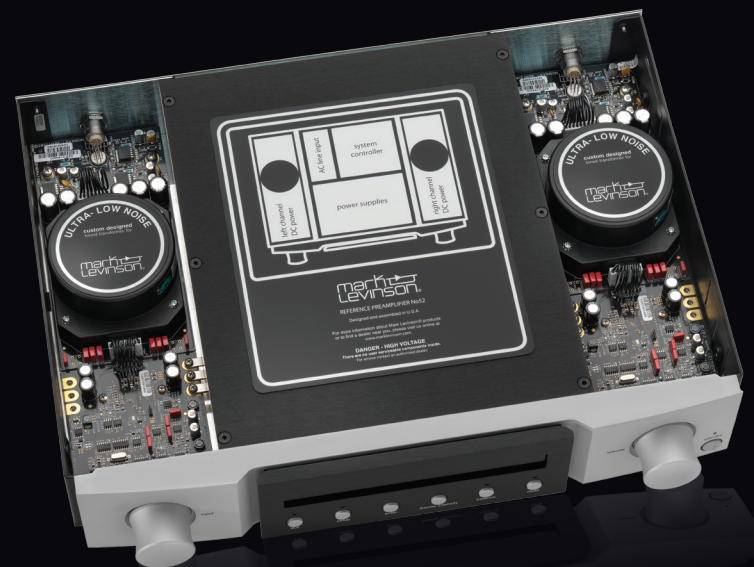
Nº 52

REFERENCE DUAL-MONAUROAL PREAMPLIFIER

The Nº 52 features seven analog inputs – three balanced XLR and four unbalanced RCA – as well as a dedicated phono input configurable for moving-magnet (MM) or moving-coil (MC) operation. Two sets of pre-outs are duplicated in both XLR and RCA jacks, while an additional auxiliary pair of XLR and RCA outputs is configurable, for fixed or variable output with independent source selection. This function allows the auxiliary output to function as a third pre-out, a pass-through full-range subwoofer output or a record output.

Crafted with impeccable attention to detail and sonic clarity, the Nº 52 truly is the finest preamplifier ever created.





Nº 526

DUAL-MONAUURAL PREAMPLIFIER WITH DAC

The Mark Levinson Nº 526 is the definitive preamplifier for today's music lover. Twelve analog, phono, and digital inputs travel through the Mark Levinson proprietary Pure Path discrete, direct-coupled, fully balanced, dual-monoaural signal path for breathtaking purity and performance. With precision control and processing including a discrete, balanced R-2R Ladder volume control, the acclaimed 32-bit Precision Link DAC, class-A Pure Phono stage, and HARMAN Clari-Fi® music restoration technology, the Nº 526 preamplifier delivers an uncompromising performance regardless of source. Housed in a 6000-series aluminum chassis, like all Mark Levinson equipment, the Nº 526 is designed and handcrafted in the USA.



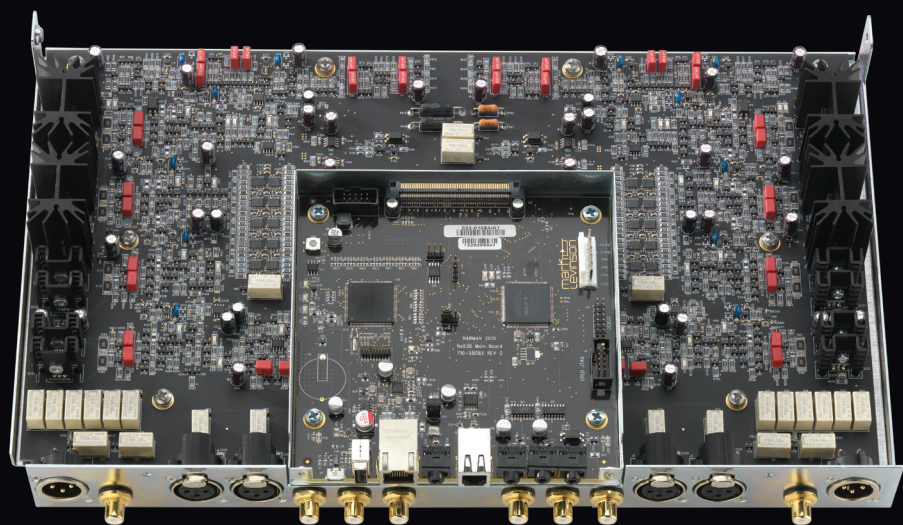


Nº 523

DUAL-MONAUURAL PREAMPLIFIER

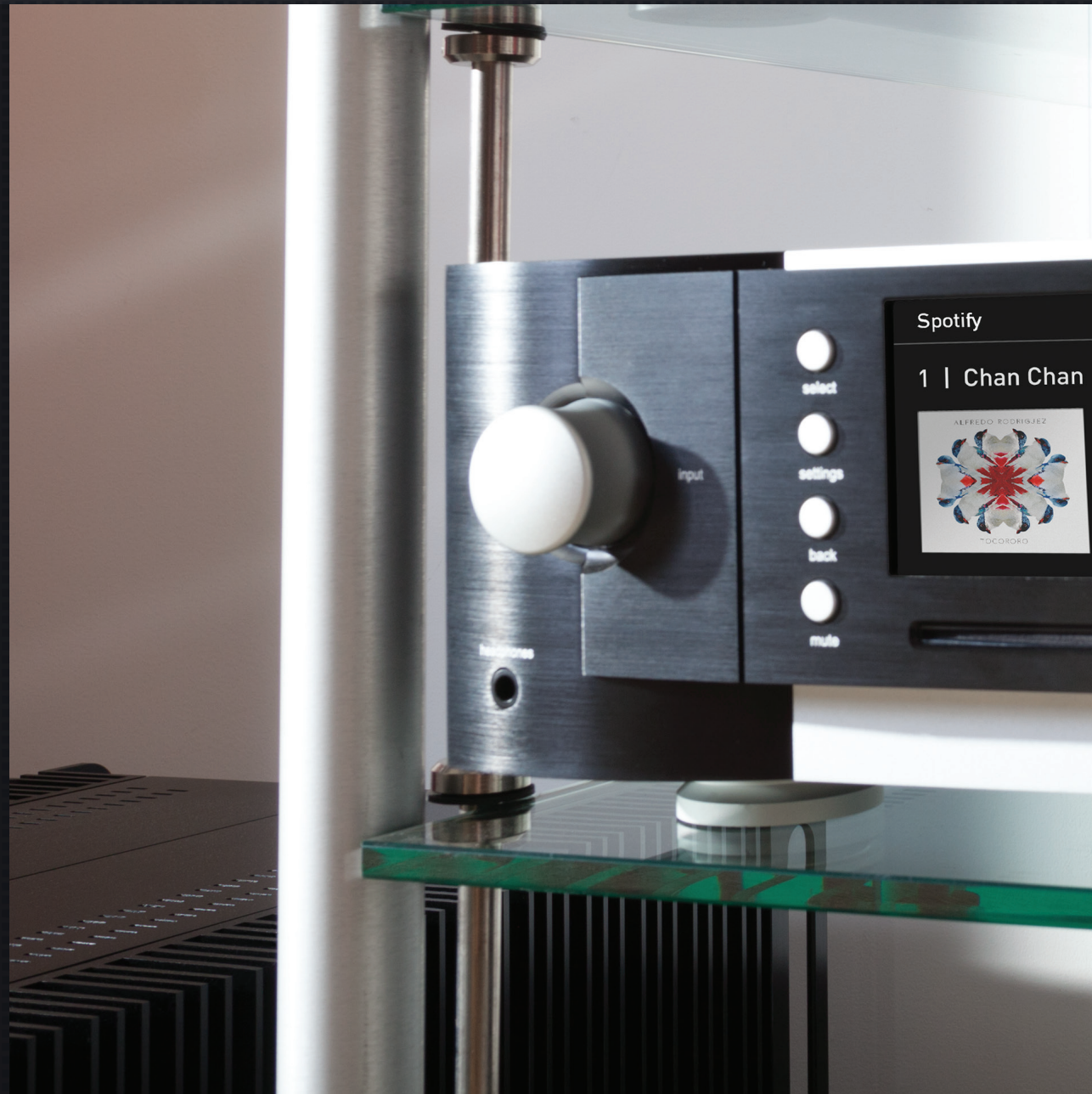
The Mark Levinson Nº 523 is the definitive preamplifier for the analog music lover. Six line-level analog and phono inputs travel through the Mark Levinson proprietary Pure Path discrete, direct-coupled, fully balanced, dual-monaural signal path for breathtaking purity and performance. With precision control including a discrete, balanced R-2R Ladder volume control, class-A Pure Phono stage, and class-A Main Drive Headphone output, the Nº 523 preamplifier delivers an uncompromising performance regardless of analog source. Housed in a 6000-series aluminum chassis, like all Mark Levinson equipment, the Nº 523 is designed and handcrafted in the USA.





PLAYERS

Today's audiophiles require their music delivery in a variety of formats. A modern, fully-equipped audio player that features both wired and wireless built-in streaming services, Bluetooth connectivity, a front-loading CD tray and connections for USB and other digital inputs is paramount for musical enjoyment. These easy-to-master units have to be simple enough to operate to provide an unparalleled listening experience no matter how your music is obtained.





Nº 519

AUDIO PLAYER

The Mark Levinson Nº 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® 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 Nº 519 sports a large, full-color TFT display, comes with a matching remote control, and can be controlled with iOS and Android apps, all major web browsers, and a host of system integration connections including RS-232, IP control, and more. Like all Mark Levinson products, the Nº 519 is proudly designed and handcrafted in the USA.





INTEGRATED AMPLIFIERS

Integrated amplifiers are for the audiophiles in search of an all-in-one audio-control center and stereo power amplifier. These integrated amplifiers need to accommodate a wide array of music sources in a space-saving, easy-to-use unit but still have power to drive most any loudspeaker.





Nº 585

INTEGRATED AMPLIFIER

The foundation of the Nº 585 is its fully discrete, mirror-imaged, dual-monaural analog circuitry featuring individual signal switching relays for each of its four stereo inputs: one XLR and three RCA. Volume controls use discrete 15-bit R-2R ladders and low-noise analog switches for the widest possible bandwidth and maximum signal integrity. The fully-differential Class AB power stage includes an oversized 900VA toroidal transformer with individual secondary windings for the left and right channels.

The Nº 585 boasts an impressive list of differentiating features including patented Clari-Fi™ signal processing which restores lost information to compressed audio formats resulting in fuller, more dimensional sound, six digital audio inputs and a high-resolution 32-bit/192kHz D/A convertor with asynchronous USB input which demonstrate that the future of integrated amplifiers has already arrived.





POWER AMPLIFIERS

One of the most critical components linking audio sources to the loudspeaker is the power amplifier. As home systems have evolved, the power amplifier is critical to drive varying loudspeakers. It must be powerful enough to complement a range of loudspeakers without distorting the incoming audio signal at any volume level.





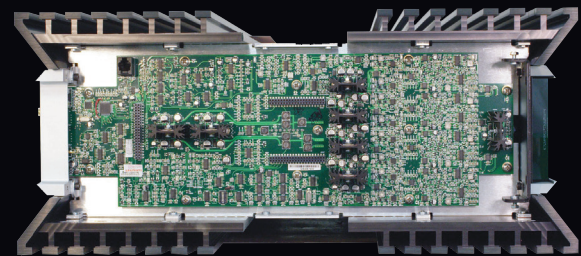
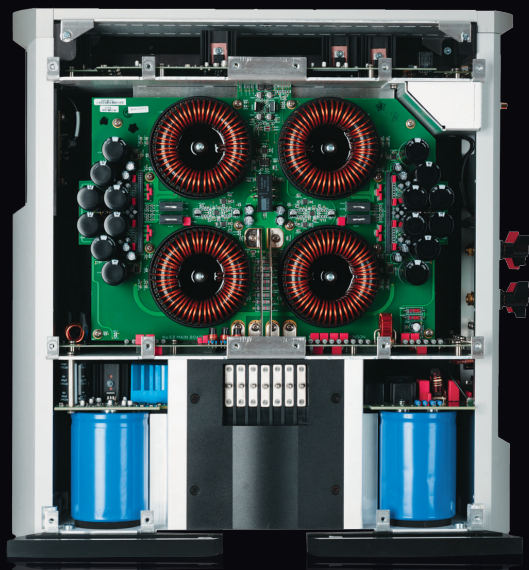
Nº 53

REFERENCE POWER AMPLIFIER

Unveiled in 2008 as the brand's first-ever Class I switching model, the Nº 53 Reference Monaural Power Amplifier offers more power, increased efficiency, compact size, lower weight and less heat dissipation than comparable non-digital systems. Featuring a patented Interleaved Power Technology (IPT), the Nº 53 is able to create a frequency response that is ruler-flat across the entire audio spectrum. That's an impressive feat for any power amplifier, but is remarkable for a switching power amplifier.

The Nº 53 eliminates dead bands using a patented technology that permits both sets of output devices to be on for a short amounts of time. This allows for greater fidelity without compromising the life expectancy of the output devices. The Nº 53 is the Reference standard for power amplifiers bringing depth and detail to any source material.



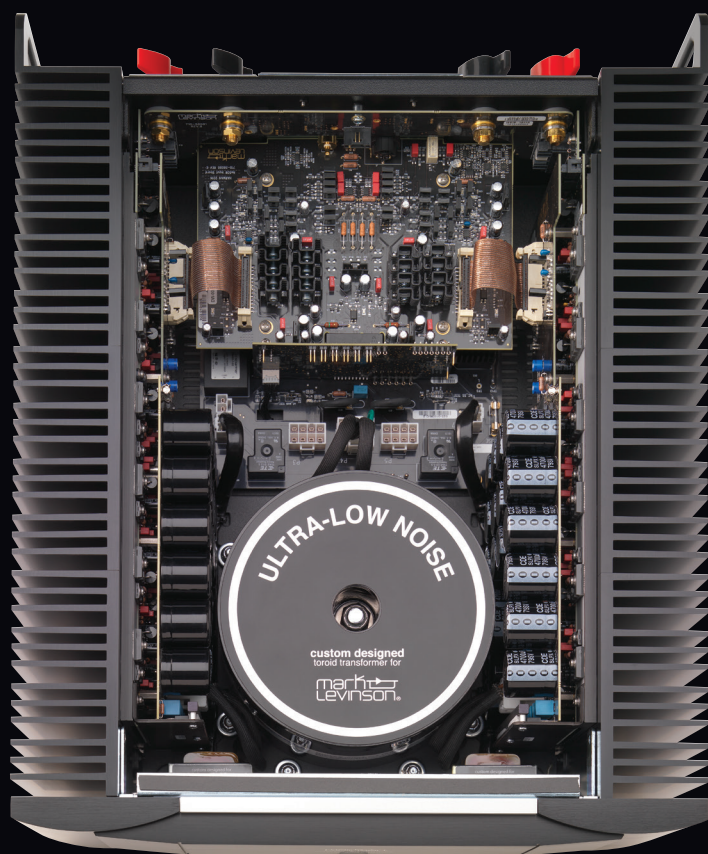


Nº 536

MONAURAL POWER AMPLIFIER

The pursuit of perfect amplification is a well-known theme in high-end audio. New technologies present new approaches, while looking to the past provides inspiration for the future. It was in that spirit that the Mark Levinson® 536 Monaural Power Amplifier was developed: an amplifier advised by the traditions and art of classic amplifier design, and infused with modern technology. This fully differential, fully discrete amplifier drives virtually any loudspeaker effortlessly for impeccable imaging, musicality, and openness. Its direct-coupled signal path; a highly linear, low-feedback design; and voltage gain and drive stages operating in class A, are joined by the modern system integration capabilities provided by Ethernet, RS-232, and USB for monitoring and network control.





Nº 534

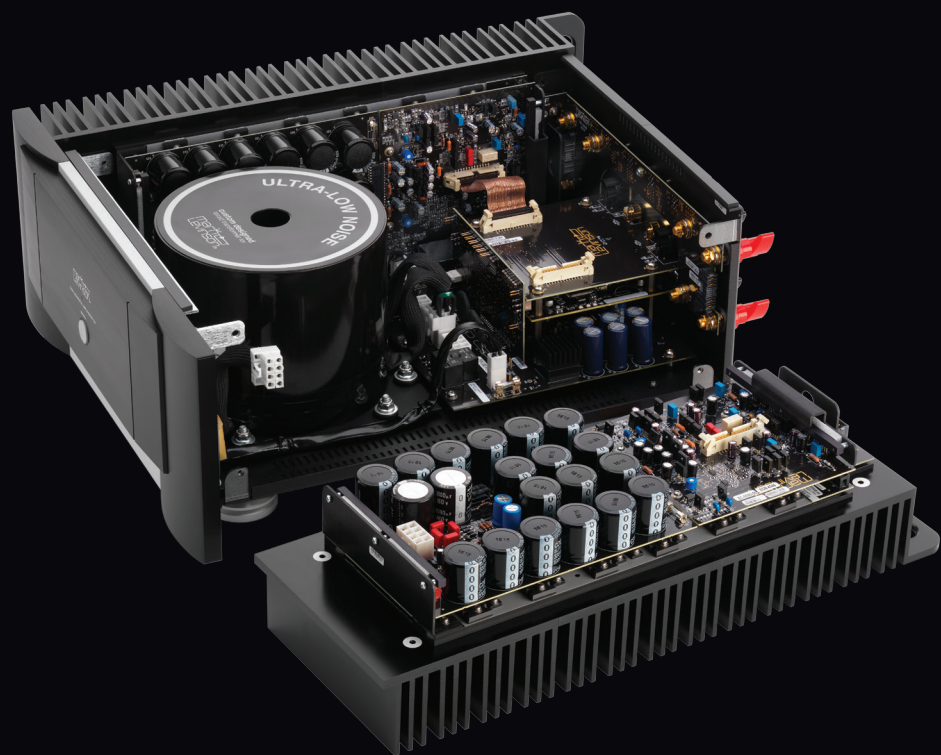
DUAL-MONAUURAL POWER AMPLIFIER

The design of the Nº 534 was directed by the traditions and art of classic Mark Levinson amplifier designs that had a specific, target sound: a deep, expansive soundstage, accurate image placement, extended low bass repose with good pitch definition, and detailed high frequencies free from “etching”. To that end, the Mark Levinson engineering team started with the following requirements:

Harmonic distortion $<0.02\%$ at 1kHz and $<0.2\%$ at 20kHz. Bandwidth extending from 0.2Hz to 120kHz, and beyond if possible.

Critically damped square wave response, with leading and trailing edges free of any slewing artifacts, and a slew rate of at least $100\text{V}/\mu\text{s}$. Maximized open-loop linearity and bandwidth, with global negative feedback in the range of 12-20dB and without nested feedback loops. This fully differential, fully discrete, dual-monaural Pure Path amplifier drives virtually any loudspeaker effortlessly for impeccable imaging, musicality, and openness. A direct-coupled signal path; a highly linear, low-feedback design; and voltage gain and drive stages operating in class A, are joined by the modern system integration capabilities provided by Ethernet, RS-232, and USB for monitoring and network control. Housed in a 6000-series aluminum chassis, like all Mark Levinson equipment, the Nº 534 is designed and handcrafted in the USA.





Nº 532H

DUAL-MONAUURAL POWER AMPLIFIER

The Nº 532H is a true dual-monaural power amplifier. Power supplies for each channel and are rated at 300W per channel into 8 ohms. The transformers and power supply designs deliver unsurpassed dynamics and transient responses for today's demanding audio formats and provide stability with even the most difficult to drive loudspeakers. Fully differential circuitry ensures that balanced input signals stay that way throughout the signal path and traditional Mark Levinson "Hurricane" binding posts offer secure termination to the loudspeaker. The heart of the Nº 500H Series amplifiers – elegant simplicity. The use of multiple smaller capacitors allows them to be physically closer to the amplifiers themselves providing for greater transient response when power is needed immediately. The Nº 532H has sixteen output transistors per channel. The Nº 532H demonstrates impressive performance even for the Mark Levinson high standard of excellence.





Nº 533H

THREE-CHANNEL POWER AMPLIFIER

The Nº 533H is a three-channel amplifier and shares the same basic amplifier module as the Nº 532H but is a semi-monoblock design.

With power supplies that can be shared across multiple channels, this design lends itself well to multi-channel environments where one channel might need more power at times than others. The Nº 532H has one balanced XLR input per channel and one unbalanced RCA input per channel and is rated at 300W per channel into 8 ohms. Secure connection to the amplifier consists of one pair "Hurricane" loudspeaker outputs with banana-plug sockets per channel. The Nº 533H demonstrates the Mark Levinson tradition of continued excellence.



Nº 535H

FIVE-CHANNEL POWER AMPLIFIER

As the first five-channel amplifier from Mark Levinson, the Nº 535H sets the bar high. Using a semimono-block design like the Nº 533H, the Nº 535H can deliver 200W per channel into all five channels simultaneously. Twelve output transistors and large amounts of capacitance per channel ensure that this amplifier is more than capable of delivering realistic dynamics and transients with audiophile-grade detail and response for even the most demanding audio tracks.



IN LEXUS

Mark Levinson systems are tuned for perfection to provide the highest level of accuracy, reliability, and enjoyment. The hallmark of each system is an uncanny ability to reproduce subtleties and nuances so that you get pure musical reproduction, with nothing added or removed from the performance. You don't just hear the sound, you experience the soul of the music in a 360-degree spatial environment.





SPECIFICATIONS

PREAMPLIFIERS

Nº 52



Nº 526



Nº 523



| | | | |
|------------------------|--|---|---|
| Description | Reference Dual-Monaural Preamplifier | Dual-Monaural Preamplifier with DAC | Dual-Monaural Preamplifier |
| Analog Audio Inputs | 3 balanced (female XLR) stereo inputs; 4 single-ended (Mark Levinson-RCA) stereo inputs | 2 balanced (XLR), 3 single-ended (RCA) line, 1 single-ended (RCA) phono w/ ground | 2 balanced (XLR), 3 single-ended (RCA) line, 1 single-ended (RCA) phono w/ ground |
| Digital Audio Inputs | – | 1 balanced (XLR); 2 coaxial (RCA); 2 optical (Toslink); 1 USB-B asynchronous | – |
| Analog Audio Outputs | 1 balanced (male XLR) stereo main output; 1 single-ended (Mark Levinson-RCA) stereo main output; 2 single-ended (Mark Levinson-RCA) stereo record outputs | 1 balanced (XLR); 1 pair single-ended (RCA), 1 headphone (1/4", 6.3mm TS) | 1 balanced (XLR); 1 pair single-ended (RCA), 1 headphone (1/4", 6.3mm TS) |
| Dimensions (H x W x D) | 8.75" x 17.25" x 13" (22.2cm x 43.8cm x 33cm) | 3.75" x 17.25" x 18" (10.2cm x 43.9cm x 45.7cm) | 3.75" x 17.25" x 18" (10.2cm x 43.9cm x 45.7cm) |
| Weight | 60 lb (27kg) | 60 lb (27kg) | 58 lb (26.3kg) |

AMPLIFIERS

Nº 53



Nº 536



Nº 534



| | | | |
|--------------------------------|---|--|---|
| Description | Reference Monaural Amplifier | Monaural Power Amplifier | Dual-Monaural Amplifier |
| Rated Output Power Into 4 Ohms | 1000W | – | – |
| Rated Output Power Into 8 Ohms | 500W | 400W/ch (20Hz to 20kHz @ <0.3% THD, full output from 2.83VRMS) | 250 W/ch (20Hz to 20kHz @ <0.3% THD, full output from 2.83VRMS) |
| Inputs | One balanced XLR input; One unbalanced RCA input | One Balanced, one single-ended | One pair Balanced, one pair single-ended |
| Outputs | Two pairs of "Hurricane" loudspeaker output binding posts with banana-plug sockets (banana plug socket not available for some models) | Two pairs of Hurricane loudspeaker outputs | Four pairs of Hurricane loudspeaker outputs |
| Dimensions (H x W x D) | 20.87" x 8.42" x 20.4" (530mm x 214mm x 518mm) | 7.75" x 17.75" x 20" (19.7cm x 45.1cm x 50.8cm) | 7.75" x 17.75" x 20" (19.7cm x 45.1cm x 50.8cm) |
| Weight | 135 lbs (61.3kg) | 100 lbs (45.4kg) | 107 lbs (56.3kg) |

INTEGRATED AMPLIFIERS

Nº 585



Description

Integrated Amplifier

Analog Audio Connectors

3 pairs single-ended inputs (RCA); 1 pair balanced inputs (XLR); 1 pair single-ended line outputs (RCA); 1 pair loudspeaker outputs ("Hurricane" binding posts with banana sockets that accept spade lugs with 1/4" (6.3mm) spacing up to 1/8" (3mm) thick)

Digital Audio Connectors

1 balanced AES/EBU input (XLR); 2 coaxial S/PDIF inputs (RCA); 2 optical inputs (Tos-Link); 1 asynchronous USB input (USB-B)

Control Connectors

1 RS-2343 port (RJ-12 connector); 1 IR input (1/8" phone jack); 1 programmable 12V DC trigger output (1/8" phone jack), 100mA maximum; 1 programmable 12 DC trigger input (1/8" phone jack); 1 Ethernet port (FJ-45 connector)

Dimensions (H x W x D)

6.9" x 17.25" x 19.95"
(175mm x 438mm x 507mm)

Weight

72 lbs (32.6kg)

PLAYERS Nº 519



Audio Player

1 balanced (XLR); 1 pair single-ended (RCA), 1 headphone (1/4", 6.3mm TS)

1 balanced (XLR); 1 single-ended (RCA), 1 optical (Toslink)

Ethernet (RJ45), RS-232 (RJ12), Trigger In and Out, IR In, USB-A, Mini USB

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

56 lb (25.4kg)

Nº 532H



Dual-Monaural Amplifier

—

300W/ch (20Hz to 20kHz at <0.5% THD)

One balanced XLR input per channel;
one unbalanced RCA input per channel

One pair "Hurricane" loudspeaker outputs with banana-plug sockets per channel (banana-plug socket not available on the 230 VAC models)

7.65" x 17.75" x 19.83"
(19.4cm x 45.1cm x 50.4cm)

74 lb (38.1kg)

Nº 533H



Three-channel Amplifier

—

300W/ch (20Hz to 20kHz at <0.5% THD)

Two balanced XLR inputs; two unbalanced RCA inputs

One pair "Hurricane" loudspeaker outputs with banana-plug sockets per channel (banana-plug socket not available on the 230 VAC models)

7.65" x 17.75" x 19.83"
(19.4cm x 45.1cm x 50.4cm)

90 lbs (45.4kg)

Nº 535H



Five-channel Amplifier

—

200W/ch (20Hz to 20kHz at <0.5% THD)

Two balanced XLR inputs; two unbalanced RCA inputs

Five balanced XLR inputs, five unbalanced RCA inputs

7.65" x 17.75" x 19.83"
(19.4cm x 45.1cm x 50.4cm)

108.5 lbs (49.2kg)



© 2017 HARMAN International Industries, Incorporated. All rights reserved. Features, specifications and appearance are subject to change without notice.

Mark Levinson is a trademark 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. Apple® and iOS® are trademarks of Apple Inc. registered in the United States and other countries. Android™ is a trademark of Google Inc. Sitara™ is a trademark of Texas Instruments. Lexus is a registered trademark of Toyota Motor Corporation. Other company and product names may be trademarks of the respective companies with which they are associated.