

Nº 5302

DUAL-MONAUURAL AMPLIFIER

mark
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INTRODUCING THE MARK LEVINSON DUAL-MONAUURAL AMPLIFIER

The Mark Levinson Nº 5302 blends the finest materials, technology, and artisanship for exceptional beauty and performance. A powerful fully-discrete, direct-coupled, dual-monaural, Class AB amplifier that is bridgeable for monaural operation, the Nº 5302 delivers all of the performance and quality expected from Mark Levinson with exceptional value and flexibility.





standby

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AMPLIFIER Nº 5302



standby

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INDUSTRIAL DESIGN

Lavish finishes and bold geometry are hallmark attributes of Mark Levinson designs. The one-inch-thick, bead-blasted, black-anodized, solid aluminum front panels are machined and contoured to flow seamlessly into the sleek glass display, which itself is recessed into a bead-blasted, clear-anodized aluminum bezel. A light ring accentuates the large aluminum standby button while subtly communicating power states. Cosmetic grade solid aluminum handles and forty-two tri-grouped heat sync fins per side express robust beauty and function.

With meticulous details, including debossed top cover vents, screen-printed logo and legends behind the glass panel, and custom-machined aluminum feet, the N° 5302 exudes elegance and style, perfectly matched with the N° 5206 Preamplifier.

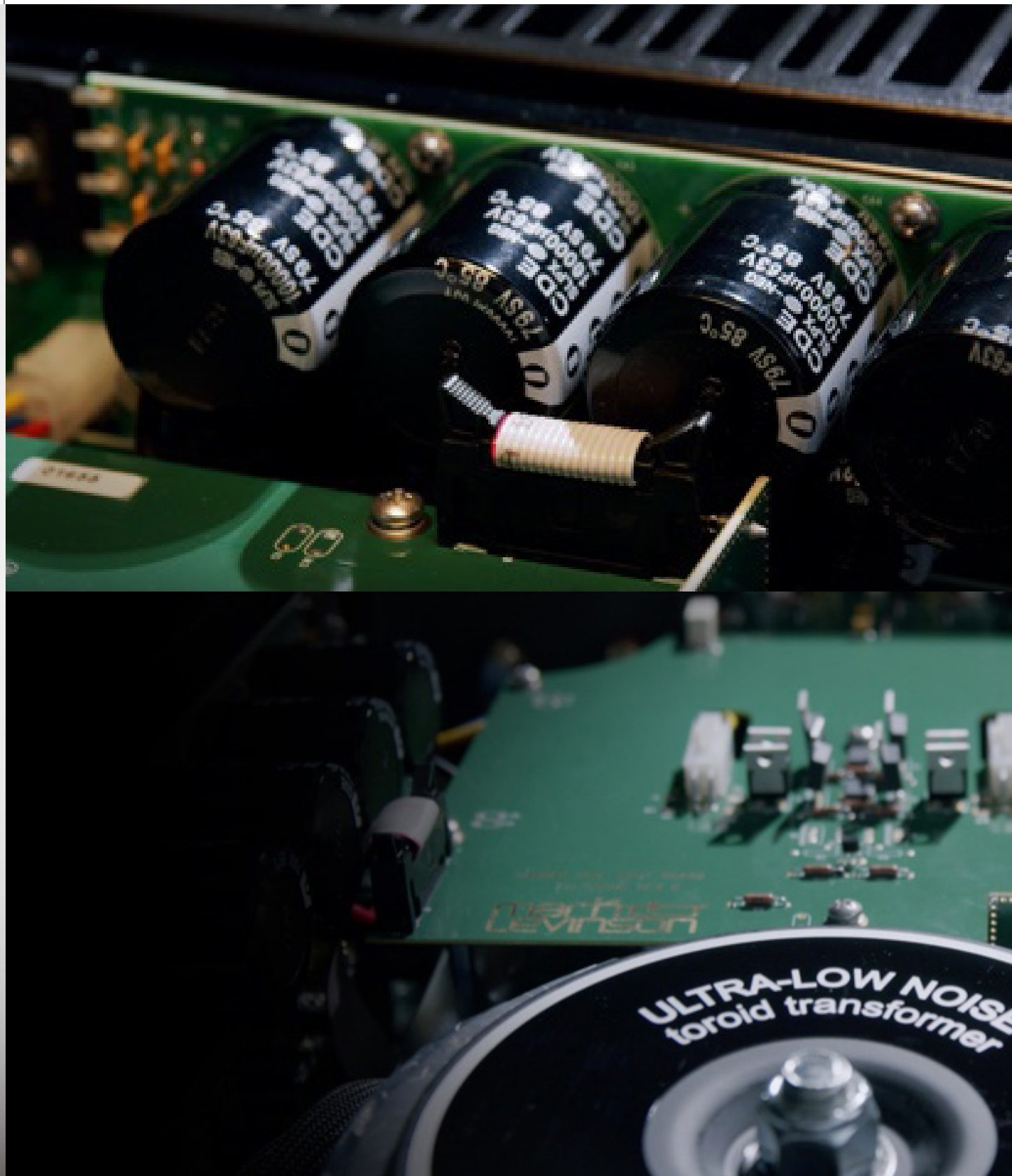
The N° 5302 is proudly designed, engineered, and precision-crafted in the USA.



AMPLIFICATION

The fully-discrete, direct-coupled, class AB amplifier channels get their power from an oversized 1100 VA toroidal transformer with individual secondary windings for the left and right channels. The voltage gain stage employs a topology directly descended from the acclaimed N° 534 amplifier, which is mated to an output stage comprising two high-speed driver transistors operating in class A and six 260V, 15A output transistors. Two Thermal-Trak devices in a unique configuration guarantee stable output bias regardless of load or temperature.

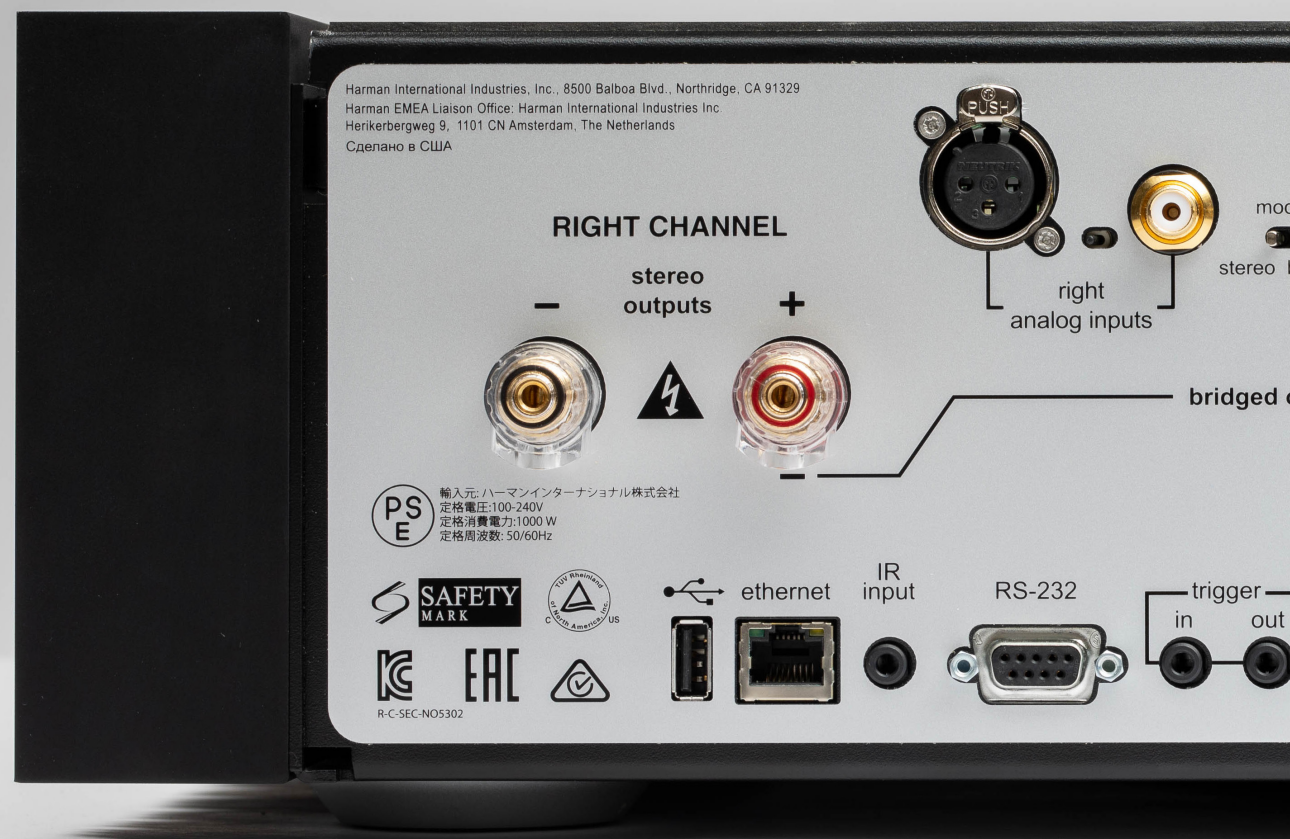


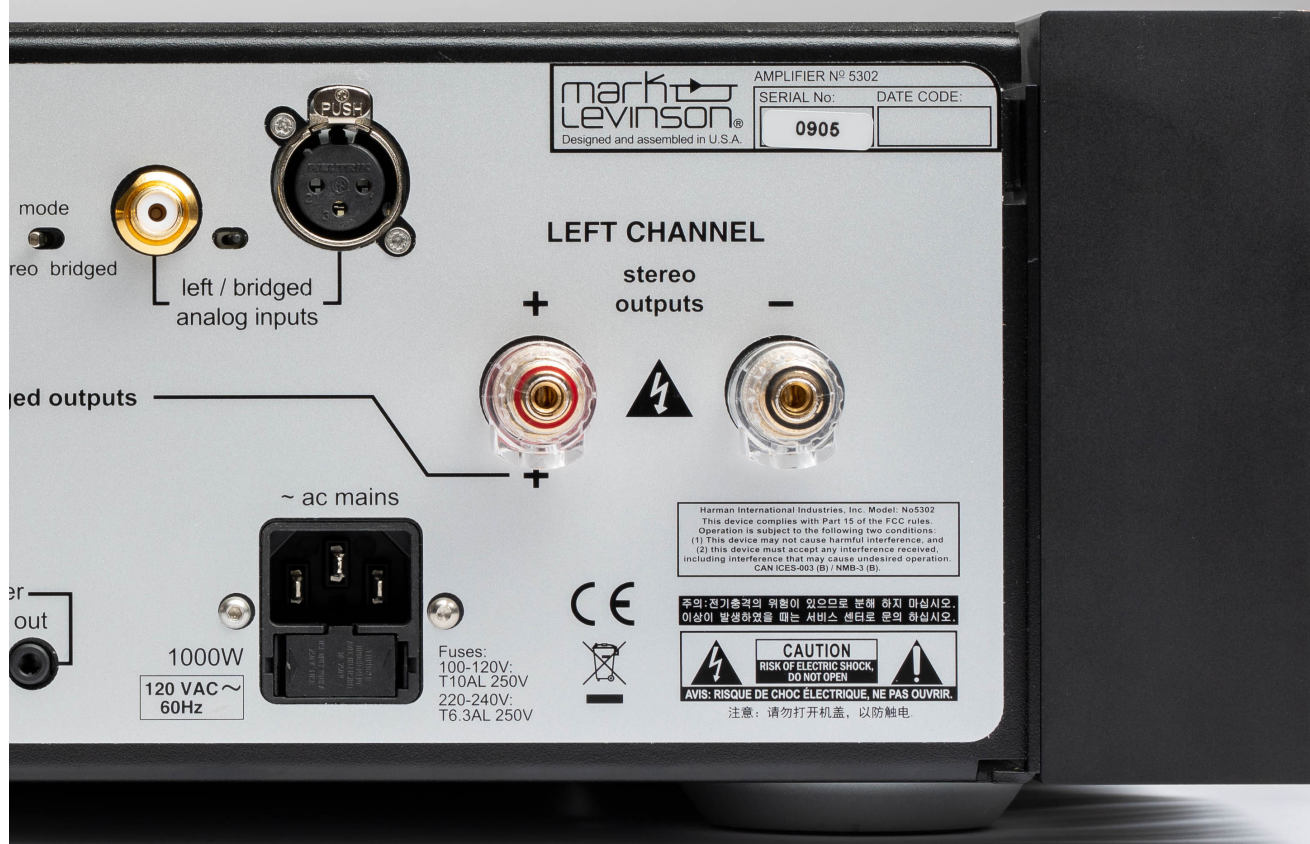


Four 10,000-microfarad capacitors per channel, located directly on the output stage circuit board, easily provide enough current for a conservative 135 watts per channel into 8 ohms, 270 watts per channel into 4 ohms, and 550 watts bridged in mono and stable operation into 2 ohms.

FLEXIBILITY

A pair of balanced XLR connectors and a pair of single-ended RCA line-level inputs connectors along with two pairs of high current multi-way binding posts ensure flexible connectivity. A rear-panel selector allows the № 5302 to be easily between mono and stereo applications.





CONTROL

System integration and communication ports include Ethernet, USB, RS-232, IR input, and 12V trigger input and output. Also, an internal webpage allows the setup, import, and export of configurations and software updates using a PC and standard web browser.

HIGHLIGHTS

- Class AB channels: 2 x 135 watts per channel into 8 Ω
- Power doubles 270 watts per channel into 4 Ω
- Easily bridgeable for mono 1 x 550W into 4 Ω with a rear-panel switch
- Cosmetic grade external heatsinks
- IP, RS-232, 12V trigger in/out
- 2 Ω load stable
- Balanced XLR and Unbalanced RCA inputs
- Made in the USA



SPECIFICATIONS

STEREO MODE

Output power	: 135W/channel, 8Ω load, 20Hz to 20kHz, at <0.35% THD, both channels driven 270W/channel, 4Ω load, 20Hz to 20kHz
Gain	: 26dB
Input sensitivity	: 142mV RMS input for 2.83V RMS output
Total harmonic distortion	: <0.04% at 1kHz, 135W, 8Ω load <0.35% at 20kHz, 135W, 8Ω load
Signal-to-noise ratio	: >102dB, 20Hz to 20kHz, wideband, unweighted, referred to 135W/8Ω

BRIDGED MONAURAL MODE

Output power	: 275W, 8Ω load, 20Hz to 20kHz, at <0.3% THD 550W, 4Ω load, 20Hz to 20kHz
Gain	: 32dB
Input sensitivity	: 71mV RMS input for 2.83V RMS output
Total harmonic distortion	: <0.04% at 1kHz, 275W, 8Ω load <0.3% at 20kHz, 275W, 8Ω load
Signal-to-noise ratio	: >105dB, 20Hz to 20kHz, wideband, unweighted, referred to 275W/8Ω

GENERAL

Frequency response	: 20Hz to 20kHz, +0/-0.2dB <0.2Hz to 110kHz, +0/-3dB
Input impedance	: Balanced (XLR): 100kΩ Unbalanced/single-ended (RCA): 50kΩ
Input connectors	: 1 pair balanced line-level inputs (XLR) 1 pair single-ended line-level inputs (RCA)
Output connectors	: 2 pairs high current multi-way binding posts

Control connectors	: 1 RS-232 port (DB-9) 1 Ethernet port (RJ-45) 1 USB port for firmware updates (USB-A) 1 baseband IR input (1/8"/3.5mm phone jack) 1 programmable 12V DC trigger output, 100mA maximum (1/8"/3.5mm phone jack) 1 programmable 12V DC trigger input (1/8"/3.5mm phone jack)
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Power consumption	: Maximum: 1000W On, idle (stereo mode): 90W On, idle (bridged mode): 70W Normal standby: 35W Power Save standby: 2W Green standby: <0.4W
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DIMENSIONS/WEIGHT

Unit only	: Height: 5.72"/145mm Height without feet: 5.25"/133mm Width: 17.25"/438mm Depth, enclosure only: 18.00"/457mm Depth, with handles and speaker terminals: 20.75"/527mm Weight: 70 lbs./31.7kg
With packaging	: Height: 13.63"/346mm Width: 24.25"/616mm Depth: 29.00"/737mm Weight: 85 lbs./38.5kg



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