



MARK LEVINSON

Nº5302



The Mark Levinson Nº5302 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 Nº5302 delivers all the performance and quality expected from Mark Levinson with exceptional value and flexibility.

EVOLUTION

The Nº5302 amplifier was created to deliver all the performance and quality expected from Mark Levinson with exceptional value and accessibility to a broader range of customer.

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 Nº534 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 135W/channel at 8 ohms, 270W/channel at 4 ohms, and 55W bridged in Mono and stable operation @2 ohms.

CONTROL

System integration and communication ports include Ethernet, USB, RS-232, IR input, and 12V trigger input and output. A newly designed, solid aluminum IR remote is included with the Nº5302. Finally, an internal webpage allows setup, import and export of configurations, and software updates using a PC and standard web browser.

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 Nº5302 exudes elegance and style.

The Nº5302 is proudly designed, engineered and precision crafted in the USA.



Performance Specifications

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All production N°5302 units will undergo 100% functional testing prior to shipment, and the following features and electrical measurements will be verified on all units. All production units will meet or exceed all specifications listed below.

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:	25.8dB
Input sensitivity:	145mV 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:	31.8dB
Input sensitivity:	73mV 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/-0.35dB <2Hz to 80kHz, +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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