

A high-end audio amplifier with a black, ribbed front panel and a glass display on the right side. The display shows a red standby button and the Mark Levinson logo. The text 'MARK LEVINSON' and 'N°5302' is printed on the left side of the image.

mark
levinson.

MARK LEVINSON

N°5302

The Mark Levinson N°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 N°5302 delivers all the performance and quality expected from Mark Levinson with exceptional value and flexibility.

EVOLUTION

The N°5302 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 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 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 N°5302. 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 N°5302 exudes elegance and style.

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



Performance Specifications

MARK LEVINSON N°5302

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)

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

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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