

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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