

# Nº383

INTEGRATED AMPLIFIER





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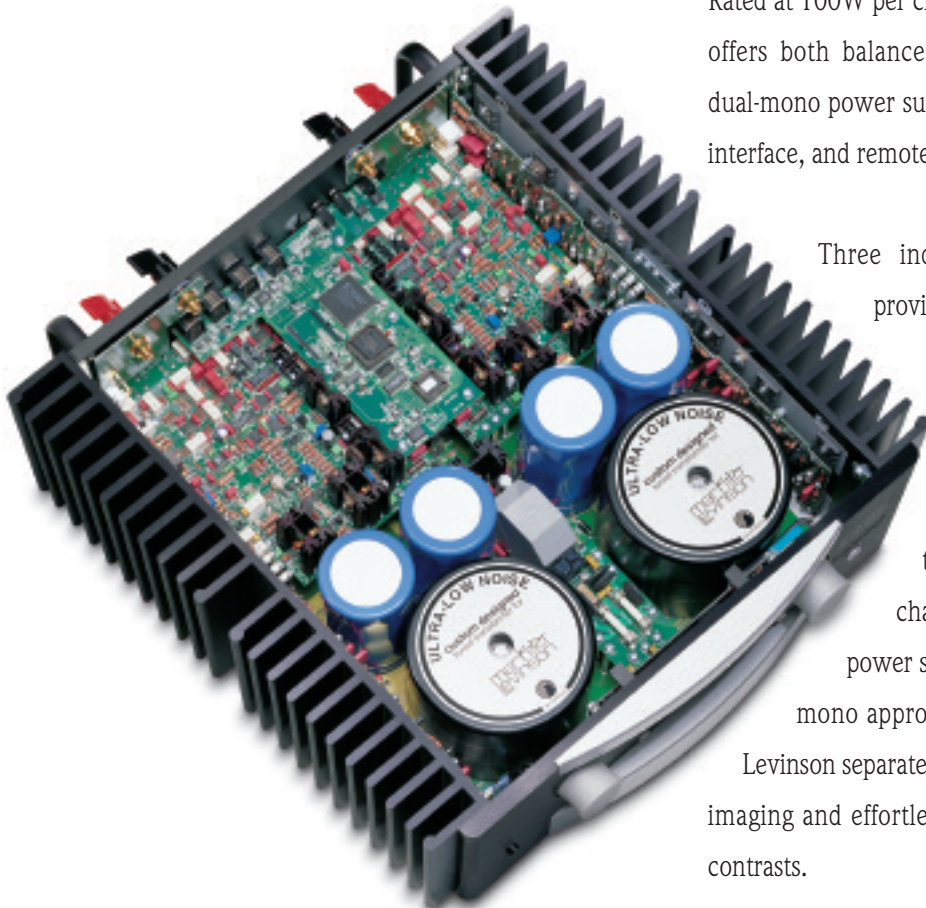
The N°383 Integrated Amplifier was designed to offer the highest levels of performance and construction in situations where the size and complexity of a separate component amp/preamp

system would prove impractical.

Combining power-amplifier and preamplifier functions into a single chassis is a well-accepted approach to delivering high performance at the lowest cost.

Typically, however, integrated components are thought of as compromises dictated by cost considerations. This does not have to be the case, as the N°383 clearly illustrates.

Rated at 100W per channel at 8 ohms, the N°383 offers both balanced and single-ended inputs, dual-mono power supplies, a software-based user interface, and remote control.



Three independent power supplies provide clean, stable DC power to the N°383's various circuit elements. Separate power supplies for the left and right channels ensure that demand from one channel does not modulate the power supply of the other. This dual-mono approach, which is used in Mark Levinson separates, contributes to stable stereo imaging and effortless reproduction of dynamic contrasts.

The preamplifier section accommodates five analog input pairs, including two pairs of balanced connections. Inputs are independently buffered and, as in all Mark Levinson preamplifiers, unselected inputs also have their ground connections lifted to eliminate any possible pathway for noise to enter the chassis.

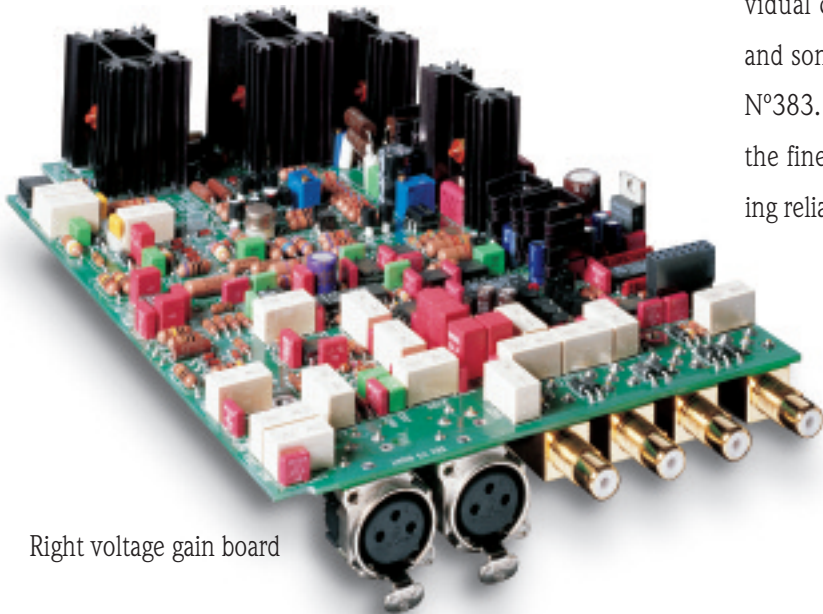
Solid-state stepped attenuators offer precision control of balanced analog signal volume, making proper implementation of a fully balanced preamplifier design possible. Preamplifier gain can be adjusted to optimize the volume-control range for speakers of varying sensitivities.

The N°383's output stage uses the same devices (12 per channel) as the Mark Levinson N°33H power amplifier. All output devices are sorted and matched by Mark Levinson technicians — resulting in a better-sounding, longer-lasting amplifier.



The remote, simple but elegant, offers complete control. The N°383's software-controlled operating system makes it easy to use, and it can be updated by way of an RS-232 port on the amplifier's rear panel. The N°383 supports communications through the Mark Levinson linking system.

The N°383 Integrated Amplifier is built to the same high construction standards as all other Mark Levinson products. The quality of each individual component has been exhaustively tested and sonically evaluated for its specific use in the N°383. This meticulous attention to detail yields the finest performance possible, while maintaining reliability and longevity.



Right voltage gain board



## N°383 Integrated Amplifier

<b>Rated power output:</b>	100w/ch continuous rms power @ 8Ω 200w/ch continuous rms power @ 4Ω
	above power ratings measured as continuous (rms) power from 20Hz–20kHz with no more than 0.3% THD
<b>Frequency response:</b>	within 0.1dB from 20Hz to 20kHz
<b>Gain:</b>	0, 6, 12, or 18dB in the line stage 26.9dB in the amplifier section
<b>Volume control range:</b>	72.2dB
<b>Gain resolution:</b>	0.1dB steps above 38.5 in display (–34.7dB) (with slowly increasing step size at progressively lower levels)
<b>Input overload:</b>	when gain is set to +18dB: 2V on XLR, 1V on RCA when gain is set to +12dB: 4V on XLR, 2V on RCA when gain is set to +6dB: 8V on XLR, 4V on RCA when gain is set to 0dB: 16V on XLR, 8V on RCA
<b>Input impedance:</b>	100kΩ (balanced) 50kΩ (single-ended)
<b>Output impedance:</b>	less than 0.05Ω, 20Hz–20kHz
<b>Power consumption:</b>	100 watts in standby 200 watts at idle 250 watts operating
<b>Mains voltage:</b>	100V, 120V, 220V, 230V or 240VAC at either 50 or 60Hz, factory set for destination country
<b>Audio inputs:</b>	(2) pairs balanced on XLR (3) pairs single-ended on Madrigal RCA
<b>Audio outputs:</b>	(1) pair custom binding posts per channel (1) pair record outputs on Madrigal RCA
<b>Other connectors:</b>	(1) IEC AC mains connector (1) 3.5mm external IR input jack (1) 3.5mm trigger out jack (1) 3.5mm trigger in jack (1) RJ-45 communications port (Mark Levinson Linking™) (1) RS-11 communications port (RS-232) (2) RJ-45 control ports (future expansion)
<b>Overall dimensions:</b>	width: 17.5" (44.5cm) height: 6.55" (16.6cm) depth: 19.53" (49.6cm)
<b>Shipping weight:</b>	80lb (36.6kg)

*Specifications are subject to change without notice.*

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