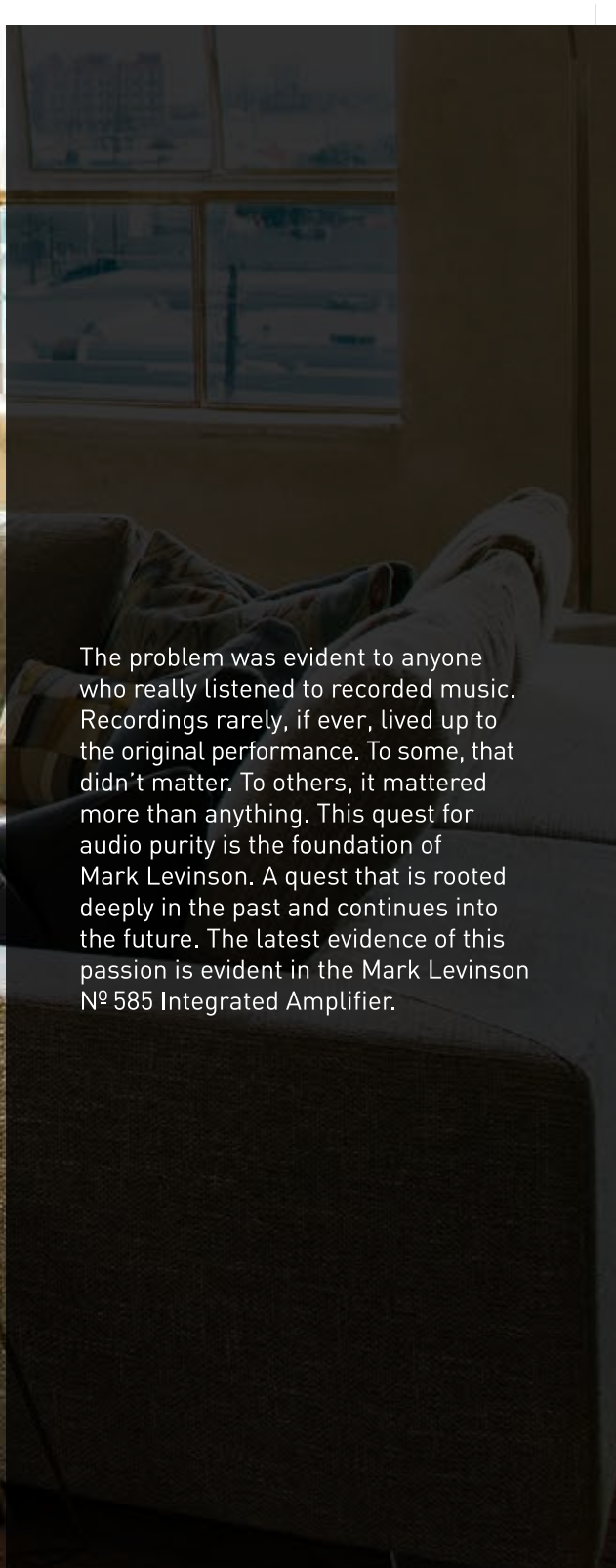


Nº 585 INTEGRATED AMPLIFIER







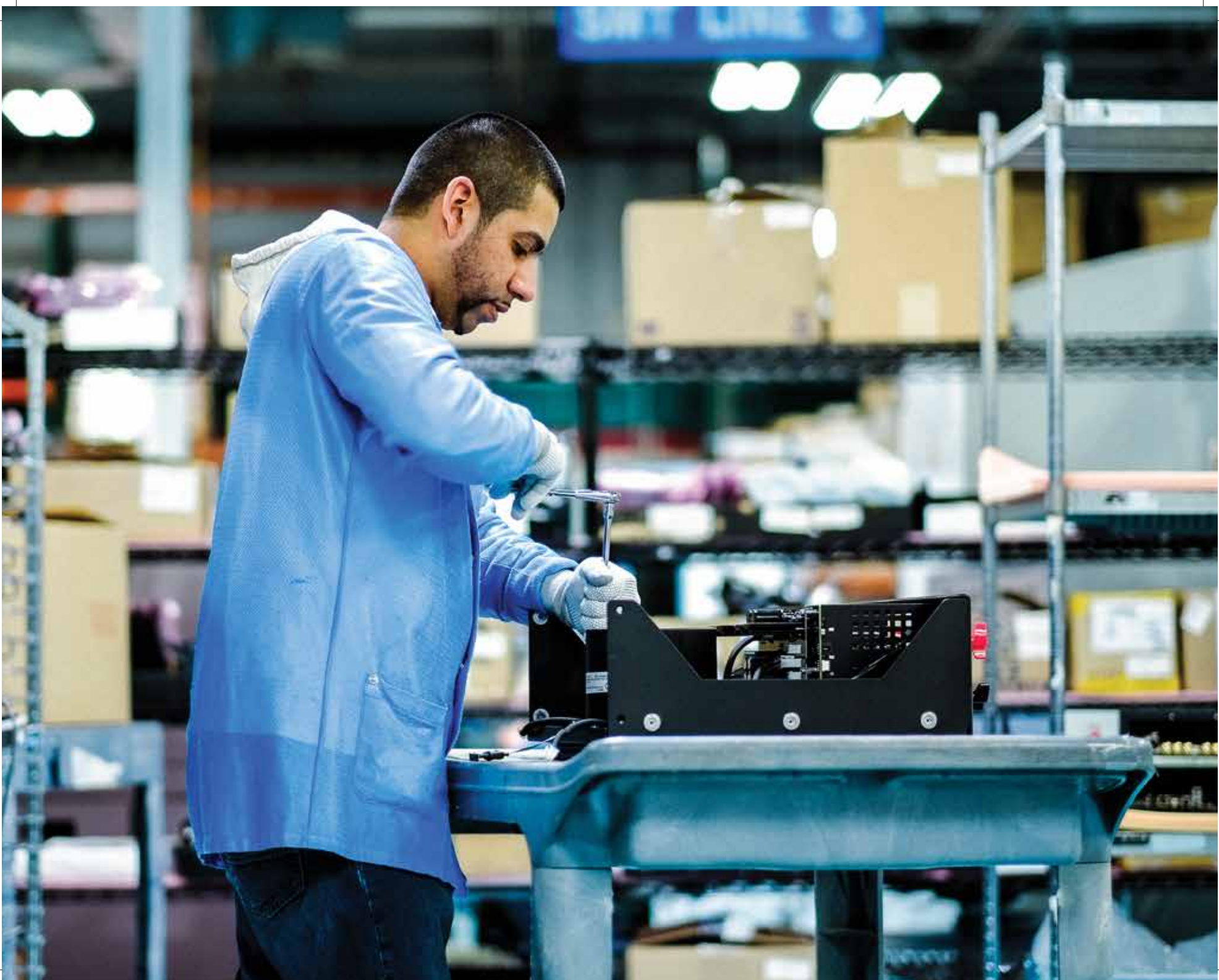
The problem was evident to anyone who really listened to recorded music. Recordings rarely, if ever, lived up to the original performance. To some, that didn't matter. To others, it mattered more than anything. This quest for audio purity is the foundation of Mark Levinson. A quest that is rooted deeply in the past and continues into the future. The latest evidence of this passion is evident in the Mark Levinson N° 585 Integrated Amplifier.

## THE FUTURE OF INTEGRATED AMPLIFIERS

Founded in 1972, Mark Levinson® has become synonymous with extraordinary levels of audio performance and has developed a reputation for high-end design like no other. From that heritage comes the finest, most accomplished integrated amplifier ever made: the N° 585. Combining Mark Levinson's unsurpassed analog performance with its advanced digital audio capability and flexible system configuration, the N° 585 pushes the reproduction of any source material to new levels of realism.









## MADE IN THE USA

Designed and assembled entirely in the United States, all Mark Levinson products are handcrafted and tuned to perform beyond expectations. Attention to detail is evident even in individual components, each of which is carefully selected and precisely placed for ultimate sonic purity and visual composition.

The design process takes place at the Engineering Center of Excellence located in Shelton, CT with invaluable support and contribution from the Acoustical Center of Excellence located in Northridge, CA. Final manufacturing takes place under strict Mark Levinson engineering supervision at an ISO9001 facility located in Massachusetts.



## ARCHITECTURE

The foundation of the N° 585 is its newly designed dual-monaural preamplifier. Individual signal relays accurately and reliably select each channel of each of the four analog inputs: one XLR and three RCA.

The analog input and output stages of the N° 585 employ fully discrete, mirror imaged circuitry, optimized for outstanding laboratory measurements as well as the ultimate listening experience. System integration and expansion are possible using the stereo RCA line outputs, which can be configured for fixed or variable level. A switchable second-order, 80Hz crossover filter allows seamless integration into 2.1-channel systems with powered subwoofers.







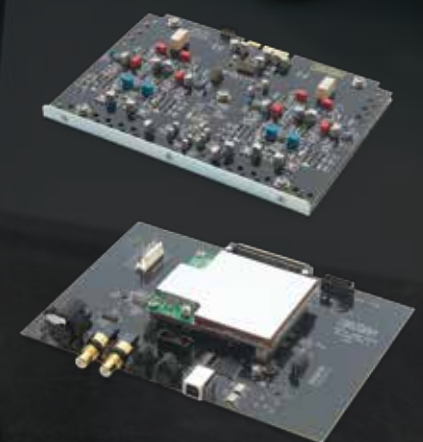


## DIGITAL AUDIO INPUTS

Building upon this superb analog platform, the N° 585 boasts equally outstanding digital audio capability. Six digital audio inputs are provided including one AES/EBU, two coaxial and two optical, plus a USB audio processor capable of asynchronous data transfer of single- or double-speed DSD files, as well as PCM files at up to 192kHz/32 bit resolution.

## SOPHISTICATED DACs

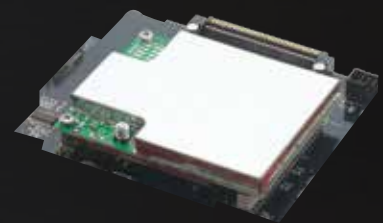
This sophisticated digital circuitry converts the digital signal to analog while maintaining the integrity of the source file without the loss of resolution or introduction of distortion or coloration to the signal. An ESS Sabre 32-bit D/A converter with proprietary jitter elimination circuitry and fully-differential, discrete I/V circuitry forms the heart of the digital audio processing stage. Our proprietary discrete audio circuitry subsections realize the purest possible signal path, resulting in sound that is detailed, spacious, and effortless.





## CLARI-FI®

Patented HARMAN Clari-Fi® technology intelligently restores information and bandwidth lost in compressed file formats resulting in higher fidelity and a fuller, more dynamic sound that is more representative of the original recording.





## CLASS AB AMPLIFIER

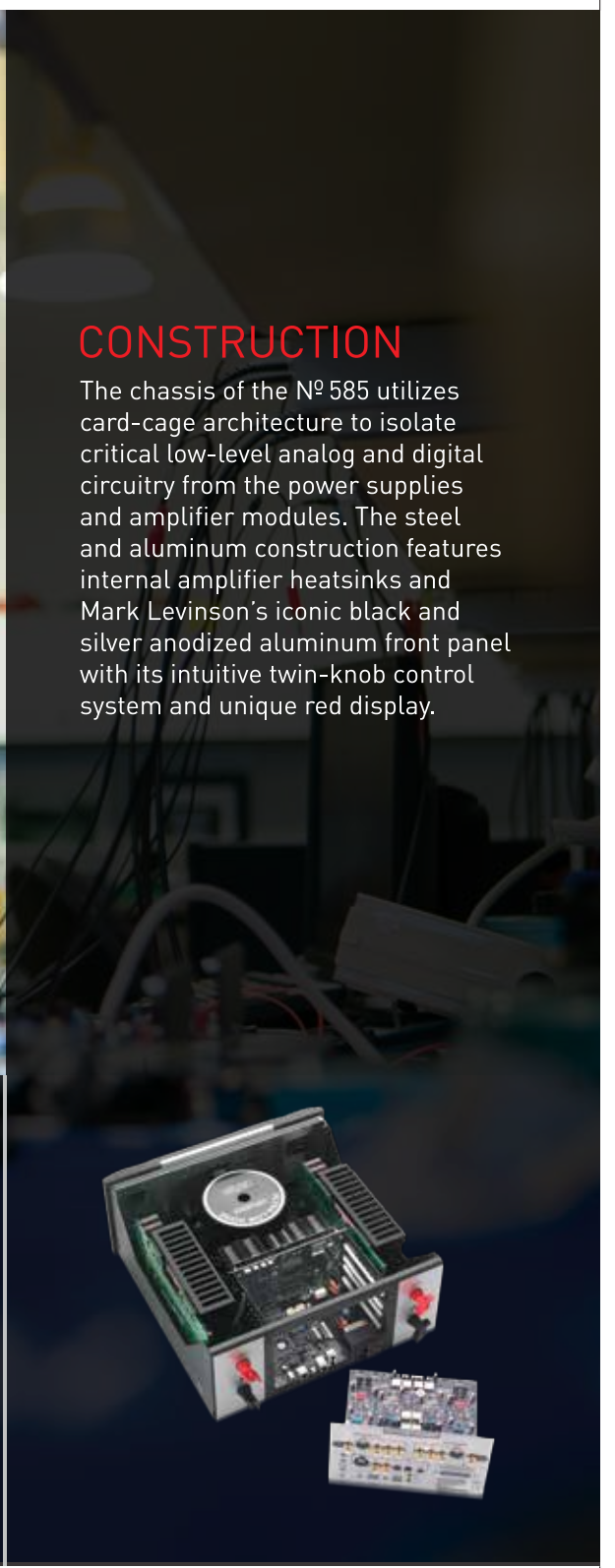
The fully-differential class AB amplifier circuitry derives its power from an oversized 900VA toroidal transformer with individual secondary windings for the left and right channels. Each elegantly simple amplifier channel utilizes 12 output transistors and multiple smaller local capacitors, which can be placed physically close to each other for enhanced transient response when power is needed immediately. This robust architecture results in a conservative power rating of 200W per channel into 8 ohms and 350W per channel into 4 ohms.





## CONSTRUCTION

The chassis of the N° 585 utilizes card-cage architecture to isolate critical low-level analog and digital circuitry from the power supplies and amplifier modules. The steel and aluminum construction features internal amplifier heatsinks and Mark Levinson's iconic black and silver anodized aluminum front panel with its intuitive twin-knob control system and unique red display.





USB

42.0

input

polarity

setup


enter

display intensity

balance

mute

mark  
LEVINSON.  
INTEGRATED AMPLIFIER No. 585



volum

*"We focus on emotion... the passion and enjoyment of music. People buy Mark Levinson products because of how it makes them feel. It's that connection to the musical event."*

**Jim Garrett**

Director, Marketing and Product Management  
HARMAN Luxury Audio Group



**HARMAN**

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