

**NEW REFERENCE LINE**

# 259 Power Amplifier

**THE NEW REFERENCE LINE**

Inspired by iconic milestones and driven by a visionary spirit, Burmester combines over four decades of audiophile expertise with masterful craftsmanship. This claim results in uncompromising perfection – a constant striving for new standards and pushing the boundaries of what is possible.

A prime example of this commitment is the new Reference Line. Its sound is moving – with newly defined sophistication in depth, clarity and spatial presence.

**THE 259 POWER AMPLIFIER**

Performance without limits – the 259 impresses with enormous power reserves, a wide dynamic range and precise, deep bass. Its clarity and attention to detail set new standards. A new cooling concept optimizes heat dissipation, while intuitive controls and clear connection options provide flexible, user-friendly operation.

**THE NEW GENERATION**

# Values and Virtues

The 259 allows for higher (pulsed) output power when it matters most, while meeting the latest (EU) regulations for efficient power management.

**THERMAL MANAGEMENT FOR LONGEVITY**

- Silent, 100% passive cooling with no moving parts
- Airflow optimized using self-generated natural convection only
- By design: Ideal heat distribution through solid copper elements, perfectly homogeneous temperature conditions for all audio components

**POWER DELIVERY FOR UNCOMPROMISED SOUND**

- Transparent output relay technology based on Burmester's most advanced power amp models, raising the bar even higher
- Extremely high damping factor of over 5000 for optimal output control
- Massive copper output bars - enough to jumpstart a Boeing (possibly)
- Press-fit technology for minimal resistance from power supply to speaker - less power dissipation, more power to the sound

**TECHNICAL HIGHLIGHTS FOR LOW INTERFERENCE**

- Elaborate and unique internal grounding concept, equally careful treatment of audio signal and ground without exception
- Best-in-class damping materials for fully shielded power transformer
- Fully balanced audio topology and extensive use of matched parts
- Audio first, digital second - strict separation through separate circuit boards: only analog circuits on analog circuit boards!

**AND MORE**

- Elegant: Touch-sensitive power switch
- Safe: Short-circuit detection with microsecond emergency shutdown for improved speaker protection
- Direct: Fault detection and memory for improved serviceability
- Massive: Ready for mono operation for ultimate amp power





FEATURES

+

Last amp standing

Stable output with even the most demanding speakers.

+

Sound quality

Lowest noise floor possible. Wide dynamic range. Tight deep bass. Clarity without fatigue or brightness.

+

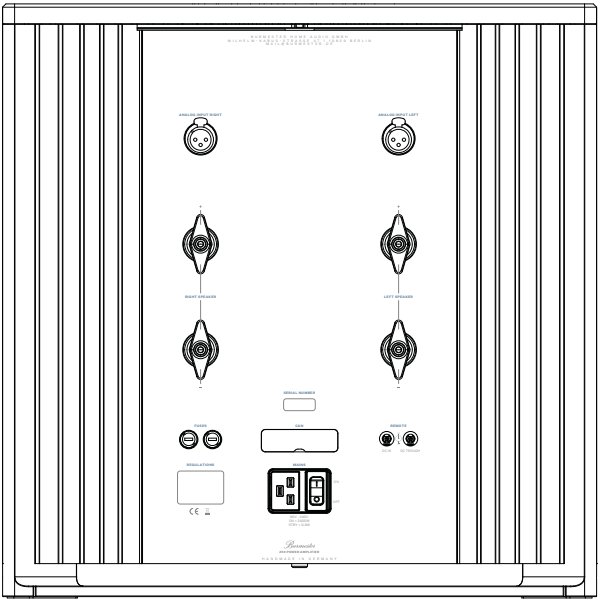
Usability

Easy to use with simple, intuitive controls and connectivity.

+

Designability

The 259 embodies the design concept of the new Reference Line in every component. It combines an element of tradition with modern minimalist design features that allow for careful thermal management.



CHARACTERISTICS THAT MAKE A DIFFERENCE

Continuous output power at 4Ω	Mono 1500W
	Stereo 500W
Pulsed output power at 4Ω	Mono 2100W
	Stereo 600W
Output capability	12 output transistor pairs per channel
	Reactive power supply
	Active self-protection of the output stage under high load
	Up to 100% more output current for demanding speakers
Loading capability	Limited only by output current
	Stable and safe under all conditions
Linearity (Measuring THD+N at 1kHz / 50W / 4Ω)	0.0005%
	Temperature-invariant
	Ideal sound upon power-up
Audible output noise (20Hz to 20kHz, unweighted)	20µV
	50x less hiss and hum
	Practically imperceptible
SINAD at 5W output power	105dB
	35x depth of detail (31dB)
Power bandwidth at 4Ω	400kHz

Subject to technical changes.