

PRODUCT INFORMATION  
Reference Line  
Power Amplifier 909



The stereo amplifier 909 is the largest we make and it is one of the most powerful in the world. Since 1990, the 909 represents the pinnacle of power amplification in the audio domain; our smaller models 911 and 956 are its direct descendants. Like the legendary pre-amplifier 808, the 909 is of modular design. And, like all amplifiers from Burmester, the signal path of the 909 is balanced from front to back as well as DC-coupled.

Like all our power amplifiers the 909 comes standard as a stereo amp. However, Burmester amps can easily be bridged into mono operation by using an external adapter supplied by us.

The 909 distinguishes itself by an extremely high damping factor. This together with the ability to deliver high currents enables it to control any loudspeaker effortlessly over the full frequency range. The 909 can easily deliver high continuous load currents and, thus, drive loudspeakers at the lowest impedance values. This renders the impulse response practically load-independent.

Among audiophiles, the 909 is highly regarded for its warm yet detailed sound. The 909 is unsurpassed in its ability to decipher the smallest musical detail when driving the best speakers in the world, keeping the ability for extreme bass control even at the highest volume levels. 'The burmesters performed an amazing 'disappearing' act in Larry Alan Kays system, leaving behind the most natural impression of music-making he has observed'. (Fi-magazine, San Francisco).

## TECHNICAL DATA

Dimensions (WxHxD)	485 mm x 515 mm x 485 mm (19 inch x 20.3 inch x 19 inch)
Weight	app. 80kg (170 lbs.)
Power output	Stereo: 2 x 600 W (4 Ω), 2 x 1.250 W (1 Ω)
(at appropriate AC input)	Mono: >1x 1.930 W (4 Ω), >1x 3.200 W (1 Ω)
Continuous peak current	65 A
Damping factor	>1000
Noise suppression	>81 dB
Input sensitivity	730 mV for full gain 320 mV for 100 W into 4 Ω load
Frequency response	0-200 kHz (-3dB)
20 selected power transistors per channel	
Rise time (stereo/mono)	1,4 μs into 4/8 Ω load 1,9 μs into 1 Ω load

Over-dimensioned power supply with 160.000 μF filtering and a 3,5 kW torodial transformer.

## SPECIAL FEATURES

- Bridgeable for mono operation by external mono-adapters. May also be ordered in internal mono configuration from the factory
- Completely balanced signal path design like all Burmester components
- Input stages in Burmester Class A X-amp design
- DC-coupled signal path without distorting capacitors
- Generously dimensioned power supply for high current output
- Effortless control of any loudspeaker through a high damping factor over the full frequency range, even at highest volume levels
- Stable operation into all loads
- Remote on/off feature when used with Burmester power pre-amps
- Processor-controlled error diagnosis

## INPUTS AND OUTPUTS

- Balanced inputs (stereo/mono)
- Unbalanced input using supplied adapters (stereo mode only)
- 10V DC input for remote on/off switching by Burmester pre-amps
- Loudspeaker output terminals (stereo/mono)

## APPEARANCE

Standard version with chrome bracket, engraved gold triangle, housing and heatsinks black or silver anodized. Custom design upon request.