



## 218 Power Amplifier

The 218 power amplifier is visually and sonically oriented towards our flagship 159 amplifier. At the same time, the Reference Line power amplifier consistently benefits from the experience and knowledge that Burmester has derived from four decades of successful amplifier development. Power and elegance are perfectly combined behind the characteristic cooling fins. This monumental, but at the same time stylish, power amp easily handles even the most demanding loudspeakers. The almost inexhaustible power reserves lead to an impressive sovereignty in music reproduction, which is supported by an outstanding spatial resolution and musical warmth. To meet the high expectations of a Burmester product, tried and tested circuit designs and new components were carefully matched and tested over a long period of time to find the perfect combination.

## Highlights 218

This is coupled with completely new circuit designs and optimised signal routing.

The thermal concept is optimally adapted to the internal structure and the housing design and thus ensures comprehensive temperature control, even at high power demands. This not only has a positive effect on the service life of the components, but also ensures absolute dedication to music reproduction due to stable temperature level. The oversizing of the power supply elements provides consistently stable and reliable power, even with demanding loudspeakers. In addition to all the sonic benefits, there is now also the option of integrating the power amplifier into a home control system for greater ease of use. The power supply has been designed from the ground up. Particular emphasis was placed on a low-interference grounding concept that also sets new standards in terms of sound quality thanks to the new signal and cable routing. The power amplifier trains are

largely based on proven technology from our previous renowned models and have been carefully optimized without losing focus on the sonic advantages that Burmester power amplifiers have delivered for decades. Contemporary microcontroller technology ensures consistent status monitoring of the amplifier and allows the connection to home control systems with the BurLink interface. The support capacitors on the power amplifier have also been optimized to provide improved and thus even greater dynamic impulse response. As with previous products, we rely on renowned aspects from the Burmester DNA, such as DC coupling without coupling capacitors in the signal path to achieve maximum precision in bass reproduction, as well as balanced signal routing for the best possible sound experience.

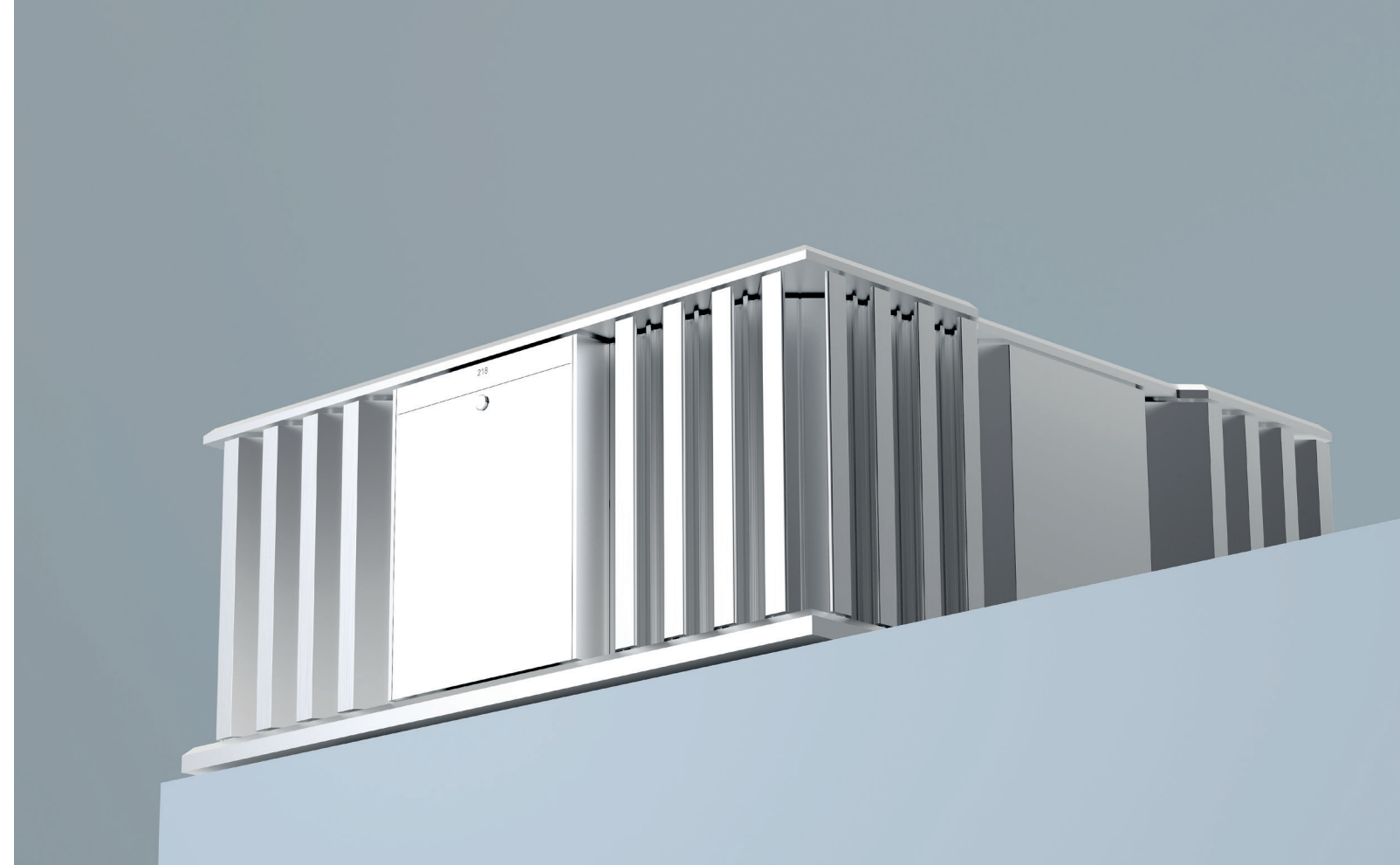
### DESIGN

The design of the 218 power amp closely follows the look of the largest and most powerful mono power amp in the company's history, the 159. The 218 inherits the clear lines and distinct appearance of our flagship amplifier. In particular, the screwless finish of the lid and the absence of additional decorative elements emphasize this minimalistic and effective visual aspect. Despite the expansion demands of the space, this reduction to the essentials means that only a few millimeters have had to be added to the overall height compared with existing and previous models. The expansion inside is clearly recognizable by the extension of the classic Burmester heat sinks, which, however, has been largely compensated for by the minimalistic design of the lid and base plate, so that existing placement racks can continue to be used if necessary. As a nod to the traditions of the Burmester amplifier portfolio, the fami-

liar decorative lines that take up the course of the heat sinks can be found on the housing lid of the 218 power amplifier. The rear panel is milled from solid and closes it at a 45 degree angle of the heat sinks. A solid plate closes the case at the bottom.

### HANDMADE

In the development and manufacturing process, only the best quality components are selected to meet our exacting tolerances. In addition, several days of test runs as well as further intensive quality controls culminating in detailed final listening tests under real conditions are added. Every single assembly receives a 100% inspection according to Burmester quality standards before installation. This elaborate manufacturing process ensures that in the end the customer receives a product that is exceptional in every respect.



FEATURES:

- completely symmetrical design
- optimized protection circuits outside the signal path
- stereo and mono operation possible (switchable)
- input stages in Burmester X-Amp technology (Class A)
- Completely DC-coupled signal path without sound-distorting capacitors in the signal path
- Generously dimensioned power supply allows high current delivery capability
- Effortless control of any loudspeaker due to high damping factor over the entire frequency range, even at high frequencies
- Stable at all loads over the entire frequency range
- Solid screw terminals for speaker cables
- Remote on/off via Burmester devices (remote switch-on voltage: 10V DC)
- Integration into Smart Home control possible

CONNECTIONS:

- Balanced input (stereo or mono bridge with appropriate adapter)
- unbalanced input via adapter ( adapter optionally available)
- DC input / output for remote ON/OFF
- Remote control (remote control is optionally available)
- BurLink interface
- Loudspeaker outputs



TECHNICAL SPECIFICATIONS

Weight	42 kg
Width	496 mm
Height	216 mm
Depth	479 mm

Technical modifications reserved.

# Burmester Audiosysteme GmbH

Burmester Audiosysteme GmbH is one of the world's most renowned manufacturers in the field of high-end audio systems. The owner-managed company based in Berlin was founded in 1977 by Dieter Burmester. With a clear focus on home and automotive audio, Burmester maintains global collaborations with industry leaders in other industries (including: Mercedes-Benz, Porsche and the Königliche Porzellan Manufaktur Berlin, among others) and is a member of Meisterkreis Deutschland and the Initiative for German Manufactures.