

Burmester

PRODUCT INFORMATION

BI8 LOUDSPEAKER



LOUDSPEAKER

B18 Loudspeaker



The B18 Loudspeaker has been developed as a 2½-way bass reflex speaker with a front-firing design and is a universal sound talent: space-saving, yet at the same time extremely musical and dynamically thrilling. The high-frequency reproduction benefits from the ring radiator which is custom-made for Burmester and guarantees optimum clarity and resolution. The low-mid and mid-low drivers are a derivative on the basis of the proven chassis which has already earned the B10 compact speaker an impressive sound performance.

The highly complex frequency crossover sits in an isolated enclosure chamber, just like the low-mid driver whose own sealed compartment yields an outstandingly clean mid-frequency performance.

A fully re-designed, computerized spring-mass damping system ensures an optimum decoupling of the speaker and thus makes it extremely resistant to floor vibrations. Supported by the cabinet, which has been optimized using FEM analysis, the massive and particularly torsion-resistant aluminum-MDF sandwich front delivers an accurate, precise bass and reduces cabinet resonances significantly.

FEATURES

- Exclusive Burmester ring radiator for optimized transparency and resolution
- Advanced low-mid and mid-low driver based on the B10 compact speaker
- Several options of room adjustment using the rearward bass switch in combination with the plastic foam cylinder
- Accurate, precise bass and significantly reduced cabinet resonances due to the massive and particularly torsion-resistant aluminum-MDF sandwich front in combination with the cabinet, which has been optimized using FEM analysis
- 2½-way bass reflex speaker with an isolated enclosure chamber for the mid-low driver and an own sealed compartment for the low-mid-driver
- Re-designed, computerized spring-mass damping system decouples the speaker from the ground
- Highly complex frequency crossover in an isolated enclosure chamber

● TECHNICAL SPECIFICATIONS

Design	2 1/2-way bass reflex
Weight (per speaker)	34.8 kg (76.8 lbs)
Width	204 mm (8 ")
Height	1056.3 mm (41.6")
Depth	395 mm (15.6")
Power rating	120 Watt
Sensitivity at 2.83V/1m	88 dB
Impedance	4 Ω
Frequency response +/-3dB	42-30,000 Hz
Tweeter	Ring tweeter
Midvrange driver	170 mm (6.7") glass fibre cone,
Woofer	170 mm (6.7") glass fibre cone
Crossover frequencies	400 / 2,300 Hz

