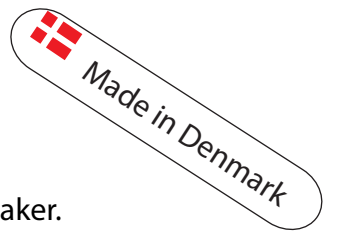


JERN12 WP



The JERN 12 WP is the new revolutionary compact loudspeaker from JERN ApS. It is an elegant design, and it delivers an audio quality like no other small loudspeaker. Its shape, the selected components and the extraordinary cabinet material are the keys to the superior sound quality.

Danish design

Cast Iron allows our designers and engineers to create this new, round and organic shape. The shape and the strong heavy material both increase the sound quality. Due to the high Graphite content in cast Iron, the vibration damping is much better than Aluminum, MDF and wood. So our cabinets vibrate less and are very silent. JERN is the Danish word for iron.

The spherical shape gives the smoothest frequency response, and the lowest amount of diffraction sounds disturbing the music. This has been known for many years, see page 23 of PhD Harry F. Olsons book "Elements of Acoustical Engineering" from 1957 on the other side. However you need advanced tools and many years of experience to make our cabinet out of cast iron.

Acoustic implementation

The JERN 12WP uses a new special 13cm Wavecor midrange woofer that plays up to 9kHz. A high-quality phase-linear 6 dB / octave crossover with components from Mundorf connects the 19mm SEAS tweeter.

The nominal impedance of 4 ohms makes the JERN 12 WP an uncomplicated load for good amplifiers. The sensitivity is 86 dB (2,83V 1m).

The frequency response is 65 Hz to 20 kHz, and down to 40 Hz placed close to the wall in small spaces. The loudspeaker is 30 cm tall and 21 cm wide.

The closed cabinet of the JERN 12 WP facilitates integration with a high-quality subwoofer below 40 Hz, and there is no annoying bass reflex resonance.



Optimum placement in your small listening room.

This JERN 12 WP is optimized for a close to the wall speaker placement. A closed cabinet has only 12 dB per octave reduction below 65 Hz and the room gain bass increase means that you get dry bass down to 40 Hz.

Sustainability

The cast iron cabinet has a lifespan of more than 100 years and it is made of recycled material, except for the color paint.

JERN 12 WP - an elegantly discreet speaker with revolutionary technology offers you a unique, musical sound experience!

More Info: www.jernspeakers.com and facebook jernspeakers