

Tender Specification

SEEBURG F 1

High-performance full-range loudspeaker with 2 x 5" Nd / 1" Nd drivers. Flexible application in vertical and horizontal alignment. The in-line arrangement and phase-corrected control of the components ensures a long range and precise dispersion behavior even outside the main dispersion axis. High-performance neodymium drives minimize weight and ensure high output with greatly reduced distortion. The rotatable horn with a very large surface area of 200 cm² in combination with the special 1" driver enables optimized separation between the woofer and mid-high range. The front grille is equipped with a magnetic fixation and is therefore easy to remove. The very good performance, also in the bass range, is achieved by special long-excursion woofers.

The system can be operated with one amplifier channel of a DSP system power amplifier or a conventional amplifier with an upstream system controller.

M10 and M6 threaded inserts are available for installation to accommodate the extensive range of accessories.

The housing is made of high-quality Baltic birch multiplex and plastic-coated in RAL 9005 (black).

Special colors are possible.

Simulation data sets for Ease, Ulysses and CATT as well as the EASE Focus III array software are available.

Product Specifications:

Speaker Components	2 x 5" Nd (1,5" VC) / 1" Nd Dome 25 mm
Description	High Power Fullrange Sound System
Power (AES / Peak)	300 W / 900 W
Impedance (nominal)	16 Ohm
SPL (1 W / Peak @ 1 m)	90 dB / 120 dB
Usable Range	70 Hz - 20 kHz (- 6 dB)
Tuning Frequency (excursion minimum)	70 Hz
X-Overpoint (acoustical)	1500 Hz
Coverage (horizontal / vertical)	90° x 60° (rotatable)
Enclosure Wedge Angle:	20°
Connectors	2 x Speakon NLT4MP in/loop thru
Rigging / Fittings	4 x M10, 2 x M6
Weight	6,5 kg
Size (height x width x depth)	40,0 x 17,0 x 26,0 cm