

## Tender Specification

# SEEBURG F 2

High-performance full-range loudspeaker with 2 x 6,5" 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 320 cm<sup>2</sup> 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 system controller.

M10 and M6 threaded inserts are available for installation to accommodate the universal MultiRigg™ system and other accessories. 35 mm flange on the underside. 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:

|                                             |                                         |
|---------------------------------------------|-----------------------------------------|
| <b>Speaker Components</b>                   | 2 x 6,5" Nd (2,5" VC) / 1" Nd (1,7" VC) |
| <b>Description</b>                          | High Power Fullrange Sound System       |
| <b>Power</b> (AES / Peak)                   | 600 W / 1800 W                          |
| <b>Impedance</b> (nominal)                  | 8 Ohm                                   |
| <b>SPL</b> (1 W / Peak @ 1 m)               | 92,5 dB / 125 dB                        |
| <b>Usable Range</b>                         | 65 Hz - 20 kHz (- 6 dB)                 |
| <b>Tuning Frequency</b> (excursion minimum) | 65 Hz                                   |
| <b>X-Overpoint</b> (acoustical)             | 1100 Hz                                 |
| <b>Coverage</b> (horizontal / vertical)     | 90° x 60° (rotatable)                   |
| <b>Enclosure Wedge Angle:</b>               | 20°                                     |
| <b>Connectors</b>                           | 2 x Speakon NLT4MP in/loop thru         |
| <b>Handles</b>                              | 1 x                                     |
| <b>Rigging / Fittings</b>                   | 8 x M10, 2 x M6, 35 mm pole mount       |
| <b>Weight</b>                               | 12,5 kg                                 |
| <b>Size</b> (height x width x depth)        | 52,0 x 21,0 x 30,0 cm                   |