

Tender specification text

SEEBURG acoustic line

X 2

Multi-functional full-range system with 8" Nd low-mid and 1" Nd HF drivers. Optimised for use as a stage monitor, a side-fill or front-fill, or as a single system. The co-axial construction and large area 160 x 118 mm rotatable horn ensure even response on or off axis. High-power neodymium magnets and long-excursion voice coils allow compact dimensions combined with high efficiency and reduced distortion.

The system is driven passively and can be used with a conventional amplifier.

Three M10 mounting points are provided for easy and flexible installation with the mounting accessories.

A 35 mm socket on the bottom surface allows mounting on a stand.

Cable connectors are recessed in a cut-out in the enclosure to allow unobtrusive cabling.

The enclosure is constructed from high quality birch plywood, and RAL 9005 black plastic coated.

Custom colours are available.

Simulation data are available for Ease, Ulysses and CATT, and for the array-calculation software EASE Focus III.

Product Specifications:

Speaker Components:	8" Neodym Vc = 64 mm (2,5") 1" HF Neodym Vc = 44 mm (1,7")
Beschreibung:	Multifunctional Coaxial Sound System
Power (AES / Peak):	250 W / 750 W
Impedance (nominal):	8 Ohm
SPL:	95 dB (1W @ 1 m), 124 dB (Peak @ 1 m)
Usable Range:	70 Hz - 19 kHz (- 6 dB)
Tuning Frequency:	80 Hz
Coverage (horizontal / vertical):	90° x 60° (rotatable)
Connectors:	3 x Neutrik Speakon NL4MP in/out
Rigging / Fittings:	3 x M10, 35 mm pole mount
Weight:	8 kg
Size (height x width x depth):	37,5 x 25,0 x 25,0 cm

Accessories and data sheets: www.seeburg.com

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X 2 dp

Multi-functional full-range system with 8" Nd low-mid and 1" Nd HF drivers. Optimised for use as a stage monitor, a side-fill or front-fill, or as a single system. The co-axial construction and large area 160 x 118 mm rotatable horn ensure even response on or off axis. High-power neodymium magnets and long-excursion voice coils allow compact dimensions combined with high efficiency and reduced distortion. The integrated digital amplifier electronics are based on high-efficiency Class D amplifier stages, coupled with low-noise FPGA DSP processing. Various default presets and volume settings are available for selection. Electronic simulation of a transformer balanced input provides additional protection against disturbances caused by external interference.

The analogue XLR inputs double as the input for installing custom presets to cater for specific room situations. Software upgrades can be installed via the Ethercon connector, which also allows connection to AES 67 audio streams and remote monitoring and control.

Three M10 mounting points are provided for easy and flexible installation with the mounting accessories. A 35 mm socket on the bottom surface allows mounting on a stand.

Cable connectors are recessed in a cut-out in the enclosure to allow unobtrusive cabling.

The enclosure is constructed from high quality birch plywood, and RAL 9005 black plastic coated. Custom colours are available.

Simulation data are available for Ease, Ulysses and CATT, and for the array-calculation software EASE Focus III.

Product Specifications:

Speaker Components:	8" Neodym Vc = 64 mm (2,5"), 1" HF Neodym Vc = 44 mm (1,7")
Beschreibung:	Multifunctional Coaxial Sound System - digitally powered
Amp Power:	LF: 500 W AES / 110-230 V, HF: 220 W AES / 110-230 V
Max. Input Signal:	25 dBu
Maximum SPL Level:	124 dB (Peak @ 1m)
DSP:	HDLM FPGA Processing 32 bit floating point
Latency:	0,8 ms (analog in to analog out)
Usable Range:	70 Hz - 19 kHz (- 6 dB)
Coverage: (horizontal / vertical):	90° x 60° (rotatable)
Connectors:	1 x Neutrik XLR in, 1 x PowerCon in, RJ45 (Ethercon)
Rigging / Fittings:	3 x M10, 35 mm pole mount
Weight:	8 kg
Size (height x width x depth):	37,5 x 25,0 x 25,0 cm

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