Architectural Specifications

SEEBURG **X 1**

Multi-functional full-range system with 6.5” Nd low-mid and 1” Nd HF drivers. Optimised for use as a universal monitor or front-fill, and as a single system. The coaxial construction and large area 124 x 98 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.

Four M10 mounting points are provided for easy and flexible installation with the mounting accessories.
Cable connectors are situated on the lower surface 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	6,5“ Nd (2“ VC) / 1“ Nd (1,7“ VC)
Description	Multifunctional Coaxial Sound System
Power (AES / Peak)	200 W / 600 W
Impedance (nominal)	8 Ohm
SPL (1 W / Peak @ 1 m)	92 dB / 120 dB
Usable Range	80 Hz - 19 kHz (- 6 dB)
Tuning Frequency (excursion minimum)	90 Hz
X - Overpoint (acoustical)	1,9 kHz
Coverage (horizontal / vertical)	90° / 60° (rotatable)
Connectors	2 x Speakon NL4MP in/out
Rigging / Fittings	4 x M10
Weight	5,5 kg
Size (height x width x depth)	31,0 x 20,0 x 22,0 cm

Architectural Specifications

SEEBURG **X 1** dp

Multi-functional full-range system with 6.5” Nd low-mid and 1” Nd HF drivers. Optimised for use as a universal monitor or front-fill, and as a single system. The coaxial construction and large area 124 x 98 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.
Remote monitoring and control is carried out via the Ethernet interface using SEEBURG Network Manager. Signal transmission (AoE) in accordance with the AES 67 standard is also possible.

Four M10 mounting points are provided for easy and flexible installation with the mounting accessories.
Cable connectors are situated on the lower surface 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	6,5“ Nd (2“ VC) / 1“ Nd (1,7“ VC)
Description	Multifunctional Coaxial Sound System
Amp Power (AES)	LF: 280 W / HF: 175 W / 110-230 V
Rated Current	0,2 A
SPL (Peak @ 1 m)	120 dB
Max. Input Signal	25 dBu
DSP	DPLMx FPGA Processing 32 bit floating point
AD / DA	24 bit / 96 kHz
Latency	0,8 ms (analog in to analog out)
Usable Range	80 Hz - 19 kHz (- 6 dB)
Tuning Frequency (excursion minimum)	90 Hz
X - Overpoint (acoustical)	Depends on preset
Coverage (horizontal / vertical)	90° / 60° (rotatable)
Connectors	XLR in, Ethercon, Powercon in
Rigging / Fittings	4 x M10
Weight	5,5 kg
Size (height x width x depth)	31,0 x 20,0 x 22,0 cm