

Architectural Specifications

SEEBURG GL 24 / a

High-performance line array system for optimised speech and music reproduction in acoustically challenging rooms, particularly long throw applications.

The acoustic coupling of two slightly curved line arrays arranged one behind the other within the cabinet provides precise and even coverage over the entire listening area up to a distance of 25 m. 24 horn-loaded 1" HF drivers ensure an exceptionally homogeneous and symmetrical 100° horizontal dispersion. Six 6.5" low-mid drivers cover the frequency range between 80 Hz and 1200 Hz.

The individual channels are each driven by one channel of a DSP amplifier.

Speaker stand socket in the bottom surface of the enclosure.

Nine M10 mounting points in the enclosure allow mounting of accessories.

The enclosure is plastic coated in RAL 9005 black (other RAL colours available on special order).

Simulation data sets are available for EASE, CATT and Ulysees.

Product-Specifications:

| | |
|--------------------------------------|---------------------------------------|
| Speaker Components | 6 x 6,5" Nd / 24 x 1" Nd Tweeter |
| Description | Cylindric Wave Radiator |
| Power (AES / Peak) | LF: 600 W / 1800 W, HF: 225 W / 675 W |
| Impedance (nominal) | LF: 5,3 Ohm / HF: 5,3 Ohm |
| Maximum Level | 130 dB |
| Usable Range (-6 dB) | 80 Hz - 20 kHz |
| Coverage | 100° horizontal, 20° vertikal |
| Mechanical Splay Angle | 13° |
| Connectors | 2 x Speakon NL4MP in/out |
| Rigging / Fittings | 9 x M10 |
| Weight | 20,5 kg |
| Size (height x width x depth) | 106,0 x 18,9 x 34,3 (24,5) cm |

Architectural Specifications

SEEBURG GL 24 / xOV

High-performance line array system for optimised speech and music reproduction in acoustically challenging rooms, particularly long throw applications.

The acoustic coupling of two slightly curved line arrays arranged one behind the other within the cabinet provides precise and even coverage over the entire listening area up to a distance of 25 m.

24 horn-loaded 1" HF drivers ensure an exceptionally homogeneous and symmetrical 100° horizontal dispersion.

Six 6.5" low-mid drivers cover the frequency range between 80 Hz and 1200 Hz.

This version of the GL 24 features an integrated passive cross-over to allow the module to be driven by a single channel of a DSP controlled amplifier with the appropriate preset.

Speaker stand socket in the bottom surface of the enclosure.

Nine M10 mounting points in the enclosure allow mounting of accessories.

The enclosure is plastic coated in RAL 9005 black (other RAL colours available on special order).

Simulation data sets are available for EASE, CATT and Ulysees.

Product-Specifications

| | |
|--------------------------------------|----------------------------------|
| Speaker Components | 6 x 6,5" Nd / 24 x 1" Nd Tweeter |
| Description | Cylindric Wave Radiator |
| Power (AES / Peak) | 600 W / 1800 W |
| Impedance (nominal) | 5,3 Ohm |
| Maximum Level | 130 dB |
| Usable Range (- 6 dB) | 80 Hz - 20 kHz |
| Coverage | 100° horizontal, 20° vertikal |
| Mechanical Splay Angle | 13° |
| Connectors | 2 x Speakon NL4MP in/out |
| Rigging / Fittings | 9 x M10, 35 mm pole mount |
| Weight | 21 kg |
| Size (height x width x depth) | 106,0 x 18,9 x 34,3 (24,5) cm |

Architectural Specifications

SEEBURG GL 24 dp

High-performance line array system for optimised speech and music reproduction in acoustically challenging rooms, particularly long throw applications. The acoustic coupling of two slightly curved line arrays arranged one behind the other within the cabinet provides precise and even coverage over the entire listening area up to a distance of 25 m.

24 horn-loaded 1" HF drivers ensure an exceptionally homogeneous and symmetrical 100° horizontal dispersion.

Six 6.5" low-mid drivers cover the frequency range between 80 Hz and 1200 Hz.

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.

An additional Speakon connector is provided to drive GL 8 or GL 16 i/a extension modules.

Speaker stand socket in the bottom surface of the enclosure.

Nine M10 mounting points in the enclosure allow mounting of accessories.

The enclosure is plastic coated in RAL 9005 black (other RAL colours available on special order).

Simulation data sets are available for EASE, CATT and Ulysees.

Product-Specifications:

| | |
|--------------------------------------|---|
| Speaker Components | 6 x 6,5" Nd / 24 x 1" Nd Tweeter |
| Description | Digitally Powered Cylindric Wave Radiator |
| Amp Power (AES) | 2 x 800 W AES biamped / 110-230 V |
| Max. Input Signal | 25 dBu |
| Maximum Level | > 130 dB (Peak @ 1m) |
| 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 - 20 kHz (-6 dB) |
| Coverage | 100° horizontal, 20° vertikal - degressive curved |
| Mechanical Splay Angle | 13° |
| Connectors | 2 x XLR in/thru, 2 x Powercon in/thru, 1 x Speakon NL4MP out, 1 x Ethercon |
| Rigging / Fittings | 9 x M10, 35 mm pole mount |
| Weight | 22 kg |
| Size (height x width x depth) | 106,0 x 18,9 x 34,3 (24,5) cm |