

## Architectural Specifications

# SEEBURG A 6

12" / 1" system for high quality music and speech reproduction with a usable range from 60 Hz to 20 kHz.

The multi-functional enclosure allows horizontal or vertical installation, and use as a floor monitor.

The 1" (DPC = dual pattern circular) horn is 240 mm in diameter and 210 mm long, and can be rotated by 90°.

The horn can provide two different coverage patterns. This horn geometry combines the advantages of a CD horn with those of a spherical wave radiator. Increased volume in the enclosure behind the horn membrane allows a lower cross-over frequency.

The 12" LF driver has a neodymium magnet and a coated membrane. The dimensions of the 160 cm<sup>2</sup> bass-reflex tunnel prevent compression effects at maximum power.

The loudspeaker features an integrated passive cross-over with phase compensation, and can also be used without the dedicated controller.

High directivity and the maximum level of 131 dB make the system particularly suitable for middle distances.

Two M10 and seven M8 mounting points in the enclosure allow safe and simple flying of the system, horizontally or vertically, in combination with the range of original accessory fittings. The enclosure features a 35 mm speaker stand socket on the lower side.

Compact dimensions of 60.6 x 36 x 34 cm (h x w x d) and low weight (17 kg).

The enclosure is constructed from 15 mm birch 11-ply, splash-proofed (IP44), Polyurea coated, RAL 9005 (other RAL colours available on special order).

Front grille meets DIN 18032-3 (ball proof) and is more than 65% acoustically transparent, replaceable acoustic foam front.

Simulation data available for Ease and Ulysses. A comprehensive range of accessories is available.

### Product-Specifications:

<b>Speaker Components</b>	12" Neodym VC = 76 mm, 1" Neodym driver VC = 44 mm
<b>Description</b>	Multi Purpose Sound System
<b>Power</b> (AES / Peak)	500 W / 1500 W
<b>Impedance</b> (nominal)	8 Ohm
<b>Maximum Level</b>	131 dB
<b>Usable Range</b>	60 Hz - 20 kHz (- 6 dB)
<b>Coverage</b> (horizontal / vertical)	90° / 60° (rotatable)
<b>Connectors</b>	2 x Speakon NL4MP in/out
<b>Rigging / Fittings</b>	2 x M10, 7 x M8, 35 mm pole mount
<b>Weight</b>	17 kg
<b>Size</b> (height x width x depth)	60,6 x 36,0 x 34,0 cm

## Architectural Specifications

# SEEBURG A 6 dp

12" / 1" system for high quality music and speech reproduction with a usable range from 50 Hz to 20 kHz.

The integrated digital amplifier electronics are based on Class D power amplifiers with a high efficiency, which are controlled via a particularly low-noise FPGA DSP processing. An electronic transformer balancing ensures an interference-free signal feed. Various factory-configured presets and volume settings can be called up. 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.

The multi-functional enclosure allows horizontal or vertical installation, and use as a floor monitor. The 1" (DPC = dual pattern circular) horn is 240 mm in diameter and 210 mm long, and can be rotated by 90°. The horn can provide two different coverage patterns. This horn geometry combines the advantages of a CD horn with those of a spherical wave radiator. Increased volume in the enclosure behind the HF driver membrane allows a lower cross-over frequency. The 12" LF driver has a neodymium magnet and a coated membrane. The dimensions of the 160 cm<sup>2</sup> bass-reflex tunnel prevent compression effects at maximum power. The loudspeaker features an integrated passive cross-over with phase compensation, and can also be used without the dedicated controller. High directivity and the maximum level of 128 dB make the system particularly suitable for middle distances.

Two M10 and seven M8 mounting points in the enclosure allow safe and simple flying of the system, horizontally or vertically, in combination with the range of original accessory fittings. The enclosure features a 35mm speaker stand socket on the lower side. Compact dimensions of 60,6 x 36 x 34 cm (h x w x d) and low weight (16 kg).

The enclosure is constructed from 15 mm birch 11-ply, splash-proofed (IP44), Polyurea coated, RAL 9005 (other RAL colours available on special order).

Front grille meets DIN 18032-3 (ball proof) and is more than 65% acoustically transparent, replaceable acoustic foam front. Simulation data available for Ease and Ulysses. A comprehensive range of accessories is available.

### Product-Specifications:

<b>Speaker Components</b>	12" Neodym VC = 76 mm, 1" driver VC = 44 mm
<b>Amp Power</b> (AES)	2 x 500 Watt AES biamped / 110-230 V
<b>Max. Input Signal</b>	25 dBu
<b>Maximum Level</b>	128 dB
<b>DSP</b>	DPLMx FPGA Processing 32 bit floating point
<b>AD / DA</b>	24 bit / 96 kHz
<b>Usable Range</b>	50 Hz - 20 kHz (-6 dB)
<b>Coverage</b> (horizontal / vertical)	90° / 60° (rotatable)
<b>Connectors</b>	2 x XLR in/thru, 2 x Powercon in/out, 1x Ethercon
<b>Rigging / Fittings</b>	2 x M10, 7 x M8, 35 mm pole mount
<b>Weight</b>	16 kg
<b>Size</b> (height x width x depth)	60,6 x 36,0 x 34,0 cm