



Genesis GL20

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Description

The GL20 is a small line array loaded with the SA Ribbon Compact Driver, combined with two 8" long excursion neodymium drivers. The array has a frequency bandwidth from 70Hz to 20 kHz in a cylindrical waveform that generates a polar pattern coverage of 110 degrees in the horizontal plane. The vertical waveform is controlled by an innovative cylindrical designed waveshaper to allow a curve up to a maximum of 15 degrees for each cabinet. The acoustical clothed loudspeaker grills are giving the GL20 a luxury radiation that makes it very suitable for use in concert hall, theater, nightclub, house of worship or dress parades besides the ordinary in and outdoor events

Placement

An easy to use fully integrated three points rigging system allows up to twelve cabinets to be flown or ground-stacked.

Maintenance

Maintenance on the GL20, especially on the drivers and filters is best left to official Stage Acoustic service personnel.

Connection

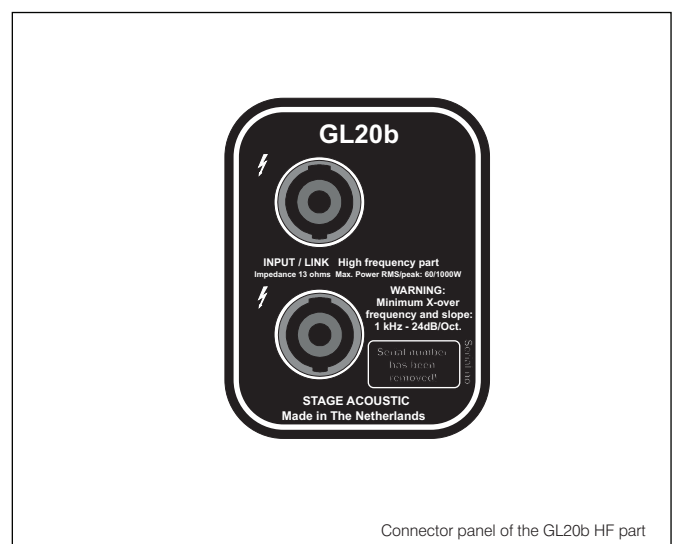
The GL20 has depending to the version 4-pole Speakon or 3-pole XLR connectors at the backside near to the middle of the cabinet. (Caution: When linking, make sure nominal impedance stays within amplifier specification!).

Options

The GL20 is standard finished in SA Black Protecture, but is also available in any possible RAL color (Multi Color Option™).



Connector panel of the GL20b LF part

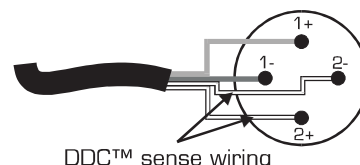


Connector panel of the GL20b HF part

Dynamic Damping Control (DDC™)

For absolute top quality sound reproduction, the GL20 is pre wired for Dynamic Damping control. The DDC system is based on 2 wires (incorporated in the 4 pole Speakon connector and speaker cable) that return from the speakers to the (SA) amplifier. Through these "sense wires" the amplifier measures the signal on the speakers themselves and can compensate the speaker, cable and connector resistance, and thus ensures maximum control over the speaker cone movement.

**DDC™
Wired**

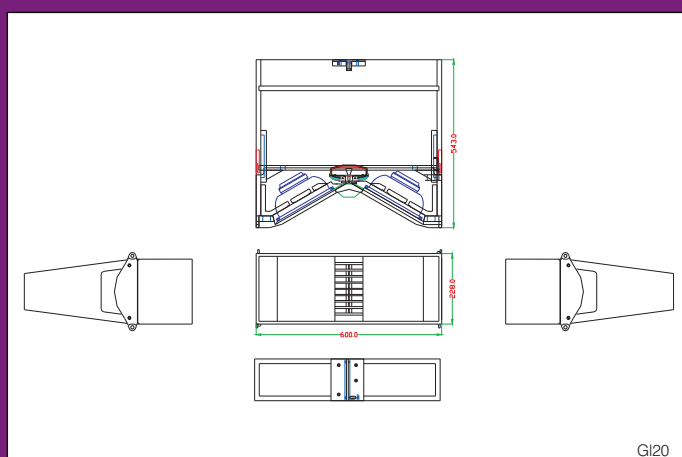


DDC™ sense wiring

Wiring for DDC™ usage with a 4-pole Speakon connector

Technical specifications

Frequency response	: 70 Hz - 20 kHz (+/- 3dB)
Drivers	: 2 x SA0851N neodym LF driver; 1 x SA8535 neodym MF/HF driver
Cross-over frequency	: 1200 Hz
Nominal impedance	: LF 8 Ohms / HF 13 ohms
Sensitivity @ 1W/1m	: LF 98 dB / HF 103 dB
Max. RMS power	: LF 400 W / HF 60W
Max. Peak power	: LF 800 W / HF 1000W
SPL program/peak	: 121 dB/125 dB
Dispersion (H x V)	: 110° x 15°
Color	: SA Black, other colors on request
Front	: Birch plywood grille + acoustic transparent cloth
Connectors	: 4-pole Speakon or 3pole XLR (self-powered version)
Physical dimensions (h x w x d)	: 600 x 228/134 x 543 mm (23.6 x 9.0/5.3 x 21.4 in.)
Weight	: 24.8 kg (54.7 lb)



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We Set The Tone . . .