



This system, which is known as a „Curved Cylindrical Wave Radiator“, comprises six 8” low-mid range drivers and three 1.4” drivers featuring the same technology as the GALEO Line Array. However, the G3 has a fixed vertical directivity of 20 degrees. By simply interchanging the two halves of the horn located on the front, horizontal directivity can be increased from 80 to 120 degrees. Throw, maximum distortion-free sound level and precision of directivity are higher than those offered by comparable horn systems. Using screw-on flying fittings, several G3 systems can also be combined into a larger PA system. Due to the high sound level already obtained at 80 Hz, the system can also be complemented by large 18” or 21” subwoofers. The G3 is a 2-way active operated system. It is also available in a self-powered version with a 2 x 1500 Watt amplifier. The tilt and pivot frame included as standard facilitates simple alignment of the system. Both ground stacked and flown applications are possible.

PRODUCT SPECIFICATIONS

Speaker Components	6 x 8” Neodym 3 x 1.4” Neodym
Description	Curved Cylindric Wave Radiator
Power	2 x 1500 W EIA / 195-250 VAC
Max Line Input	+ 21 dBu
DSP	32 bit RISC
Internal Signal Path	32 bit fixed-point, 64 bit accumulator 64 bit IIR-coefficients
AD / DA	24 bit / 48 kHz
Latency	1.54 ms (analog in to analog out)
SPL max	143 dB
Frequency Range	80 Hz - 18 kHz
Connectors	Neutrik XLR in/out Neutrik PowerCon in/out
Coverage horizontal / vertical	80° x 20°
Handles	2 x 3D handle
Rigging flying points	1 x M20 bottom 10 x M10 U-Bracket
Weight	45,0 kg
Size height x width x depth	67,1 x 51,2 x 48,2 cm
Order No.	00550/dp



Ground stacking with Flying Bracket.

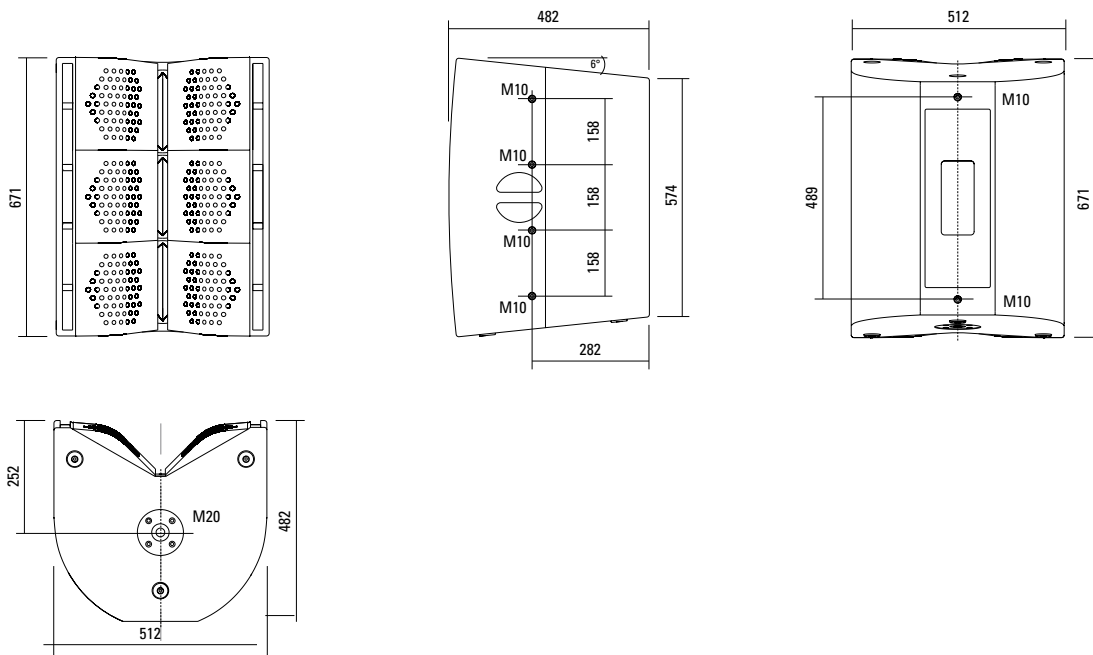


Flown application.



Screw-on connection fittings for connection with more G3 systems.

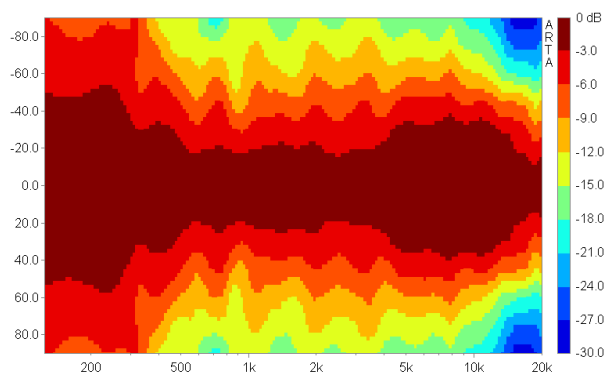
DIMENSIONS



COVERAGE PATTERNS

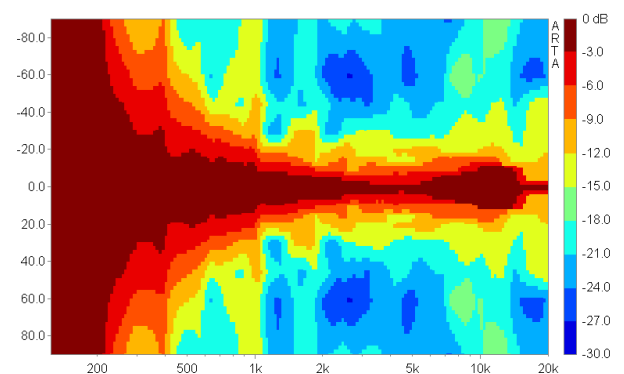
G3 dp horizontal - 2D Directivity Plot (80° AMR® reflectors)

The smooth 80° horizontal dispersion from 500 Hz on.



G3 dp vertikal - 2D Directivity Plot

Very precise 20° vertical dispersion.

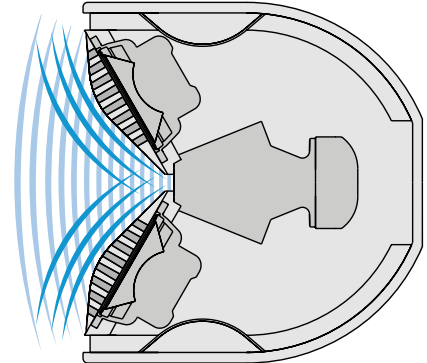




AMR® Principle.

The horn for the 1.4" driver contains integrated channels which pass through the sound waves of the low-mid speakers behind it. These channels are sealed in the frequency range of the HF driver due to the air mass inside the channels acting as a reflector (AMR = Air Mass Reflection).

The low-mid speakers operate on an acoustical band pass with a center frequency close to the crossover frequency, leading to a smooth horizontal dispersion over a wide frequency range. Another asset is the extremely compact construction of this design.



By exchanging the horn covers, the horizontal dispersion can be changed. 80° and 120° versions are available.

AMR® Reflectors.



120°



80°

The narrower bundling 80 degree version of the G3 system was developed especially for narrower hearing ranges and, thanks to its patented Air Mass Reflection principle, is characterised by extremely precise and even directivity.

APPLICATIONS



3 x G3

Up to three G3 systems can be flown together.

Flown application.



Connection fittings

Two or three G3 systems can be combined by the use of screw-on connection fittings.



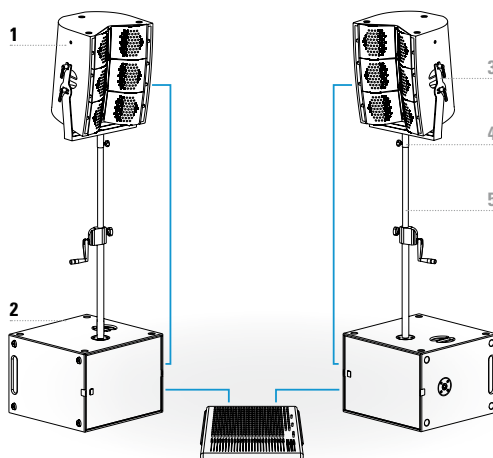
2 x G3

The system can be aligned easily by the use of the tilt swivel bracket.



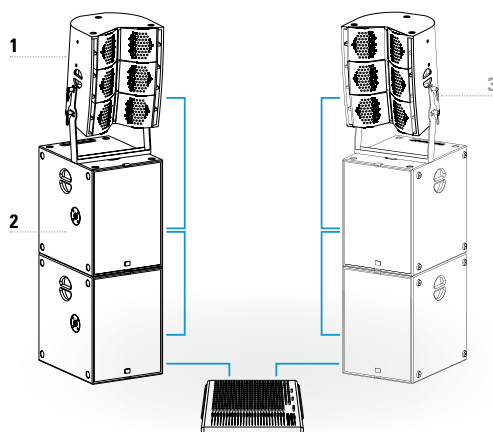
The G3 systems.

A single G3 system already corresponds to 3 units of the Galeo line array system, therefore the dispersion is much more precise than the one of any horn loaded system. This increases the throw of the system and greatly reduces the spill beyond the nominal coverage. The system can be used flown or ground stacked and is easily extendable. Whilst the basic system can be used in clubs or for small open air events, the XL system is suitable for shows with an audience of up to 5.000 persons.



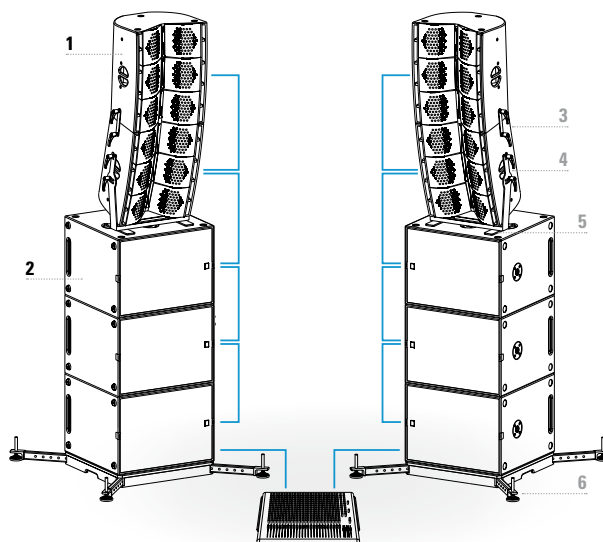
Basic-System

Components	Order No.
1 2 x G3 dp	00550/dp
2 2 x G Sub dp 1500 Selfpowered version	00600/dp1500
Accessories	Order No.
3 Flying Bracket	01350/set
4 Flange	08127
5 Speaker Pole	03023



Standard-System

Components	Order No.
1 2 x G3 dp	00550/dp
2 4 x G Sub dp 1500 Selfpowered version	00600/dp1500
Accessories	Order No.
3 Flying Bracket	01350/set

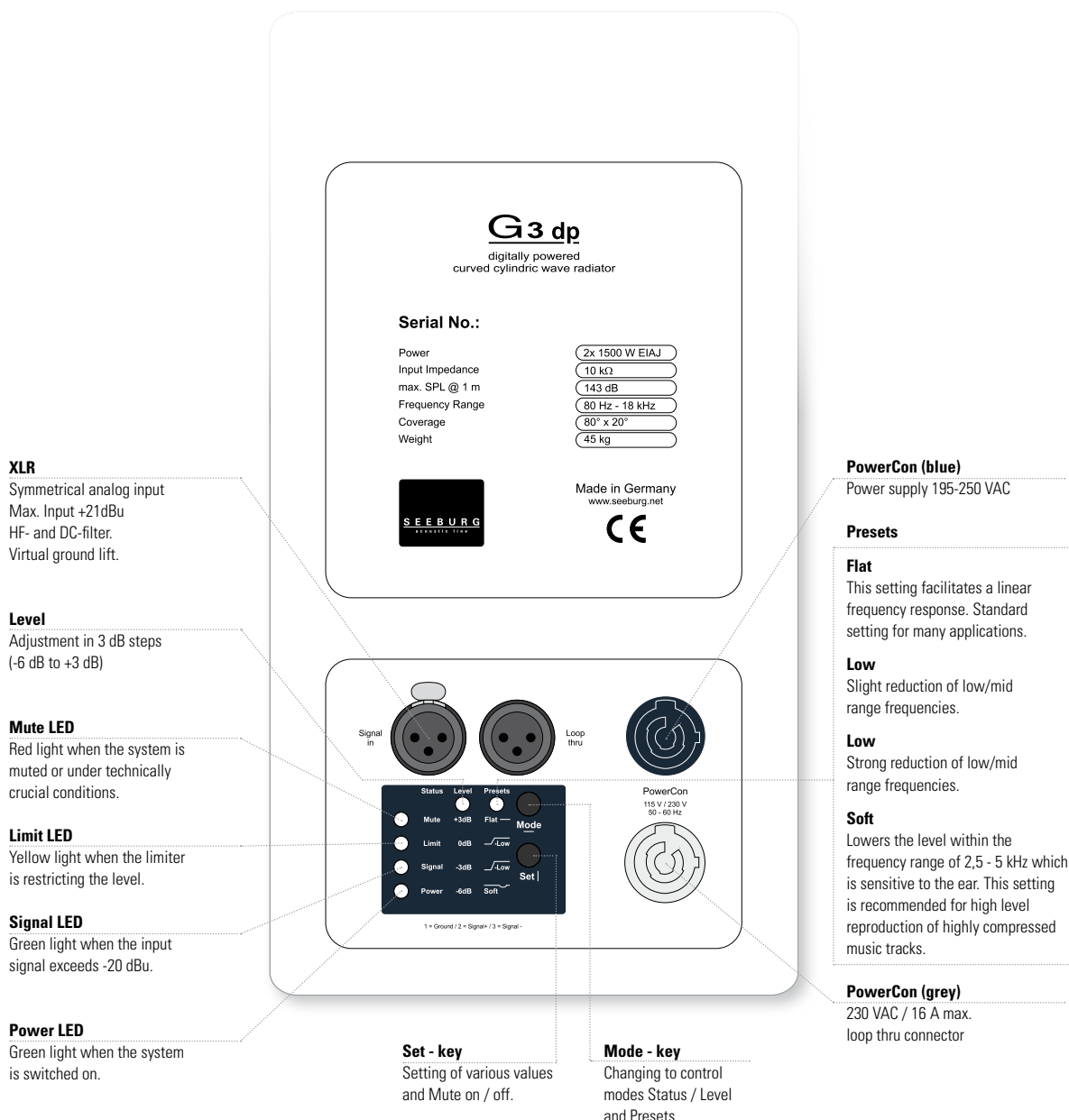


XL-System

Components	Order No.
1 4 x G3 dp	00550/dp
2 6 x G Sub dp 1500 Selfpowered version	00600/ dp1500
Accessories	Order No.
3 Connection Bar short	08146/set
4 Flying Bracket	01350/set
5 Stabilisation	01350stab/set
6 Groundstacking Board	01394

The G3 dp features integrated digital amplifier electronics with a DSP controller. Various factory-configured presets and volume settings can be selected.

High-grade electronic components from the industrial sector and a first-class circuit design ensure excellent audio quality with low distortion and effectively minimise static noise. Highly efficient and "intelligent" limiter systems ensure optimum protection against overload, without restricting the possibilities offered by this high-performance sound system.



Flying Bracket



for G3 incl. accessories:
4 x M10 x 20 handle screws
Order No. **01350/set**

Tilt Enhancer



for G3 bracket
Order No. **01350/tilt enhancer**

Handle Screw



for G3 flying bracket, adjustable
M10 x 20
Order No. **08375/20**

Ergostyle Lobe Knob



for flying brackets,
M10 x 20, with grip, adjustable
Order No. **08171**

Stabilisation



for G3 bracket
Order No. **01350/stab/set**

Connection Bar



short - for 2 units, incl. screws
Order No. **08146/set**
long - up to 4 units, incl. screws
Order No. **08147/set**

Flange



M20 x 35 mm— for flying bracket
G3, GL 16, GL 24, K 24
Order No. **08127/nut**

Doughty Trigger Clamp



for flying brackets,
SWL 200 kg
Order No. **01222**

Safety Steel Rope



4 mm - 50 cm
Order No. **01376**

Chain fastener



VBS 7 mm
Order No. **01378**

Ring Screw



M10— DIN 580, black zined
Order No. **73700**
M20— DIN 580, black zined
Order No. **73900**



ACCESSORIES G3 dp

Conversion kit 120°



for G3/ Galeo, AMR 120°,
consisting of 2 pcs. reflectors,
incl. mounting material
Order No. **08141/120**

Conversion kit 80°



for G3/ Galeo, AMR 80°,
consisting of 2 pcs. reflectors,
incl. mounting material
Order No. **08141/80**

Speaker Stand



Wind up for speaker enclosure,
50 kg max., height 129 to 204 cm
Order No. **03011**

Hybrid Cable System



PowerCon-PowerCon / XLR-XLR

2,5 m	Order No. 08462
5 m	Order No. 08464
10 m	Order No. 08466
15 m	Order No. 08468

Cover



for G3
Order No. **01236**

Raincover



for G3
Order No. **01236/outdoor**

Flightcase



for 2 units G3,
heavy duty version– compact size,
inserts for accessories
Order No. **16070**



Regenschutzhülle für Outdoor-Einsätze.