

G 10

The G10 is a passive high power line source element – acoustically optimized to reach an excellent sound quality and extraordinary performance. Particular attention was paid to the practical handling to ensure ideal transport characteristics as well as a quick and safe rigging.



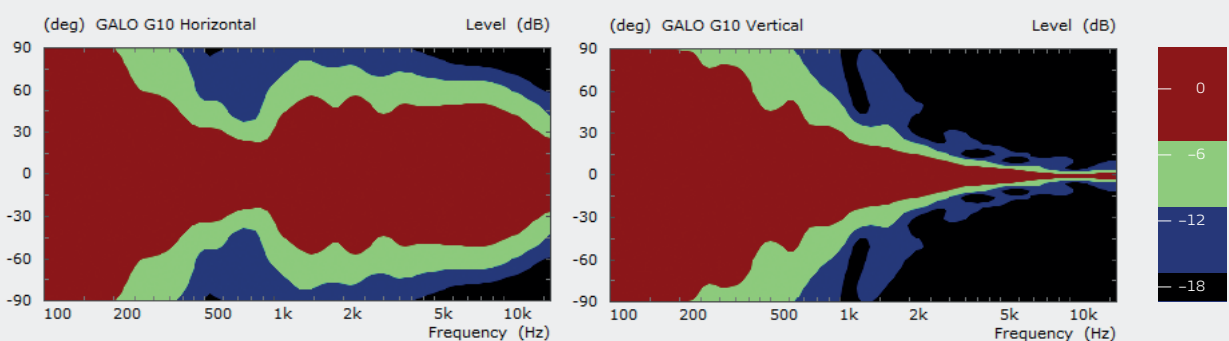
Functionalities

PreSelect – the innovative 3-point rigging system enables to preselect the splay angles between the array elements already in the transport dolly. When flying the array the desired splay angles are achieved automatically.

Dynamic 3D Sound Image – offers an exact spatial reproduction and depth together with extraordinary sound dynamics. The **3-source waveguide** guarantees a coherent wave front in the high frequency range resulting in a smooth and high-resolution sound of the complete array. The acoustically optimized low-mid sound guiding in combination with the **3-source waveguide** provides a defined horizontal dispersion over a wide frequency range.

GALO-FOCUS simulation tool – the included software delivers an acoustic simulation of the systems performance in 3D view. The simulation contains all necessary mechanical parameters for the rigging, e.g. pin point of the flying frame as well as the splay angles of all array elements.

Dispersion



Technical specifications

Application	High power line array element, 2 way passive
Components	2 x 10" neodymium loudspeaker (2.5" voice coil) with acoustic filters, 3 x 1" neodymium compression drivers with 2" voice coil and wave guide
Dispersion	90° x 6°
Nominal load (AES/Program; Watt)	800 / 1600
Impedance (Ohm)	8
SPL nom/max (*dB)	141 dB
Frequency range (-10 dB)	80 Hz – 20 kHz
Connectors	2 x Speakon NL4
Finish	PU coating black, humidity resistant
Rigging system	PreSelect – 3-point-rigging system which allows to preselect the curving angle (0°–6°) High-strength steel alloy with anti-corrosion coating
Special features	2 x side handles, 2 x corner handles in the back, info panel
Protective grille	Steel front grille with anti-corrosion coating and acoustic foam
Protection class	IP 45
Dimensions W/H/D (mm)	720 x 340 x 500
Weight (kg)	43
Subwoofer extension (recommendation)	QCB 318, QLB 118 X/G, GALO Sub**
Simulation software	GALO Focus 3.0
Flying frame	TB 1000 for up to 8 elements, TB 2000** for up to 20 elements
Accessories (optional)	Transport dolly and protective cover for 4 elements

* Crest factor 12 dB, pink noise, peak weighted at 1 m
** available soon

Digital amplifier DA 230

with GALO system preset for corresponding array length, max. 2x G10 per channel

DA 230 optionally remote controllable via tablet, smartphone or PC with TCP/IP or DANTE module

