

# Directional Two-Way Line Array **Galeo DS**



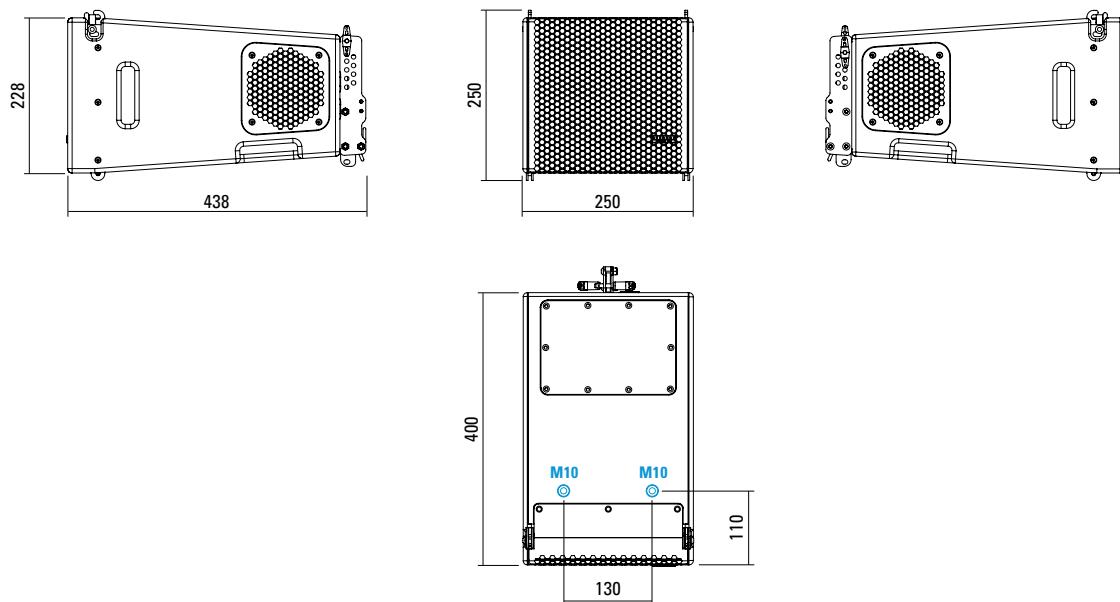
Das Galeo DS ist ein ultraschlankes, cardioid abstrahlendes Line Array, welches die Vorzüge eines Linienstrahlers mit der Performance eines weitaus größeren, modernen Hochleistungs-Beschallungssystems vereinigt. Fünf horngeführte 1" Titantweeter sorgen für eine hohe Präzision im Mittelhochtonbereich, während das dahinter befindliche 8" Chassis den LowMid Bereich übernimmt. Die herausragend breitbandige Direktivität wird durch die seitlich verbauten zusätzlichen 5" Treiber erreicht, die über das Systemamping separat angesteuert werden. Die integrierte Flugmechanik für die Splaywinkeleinstellung lässt sich schnell und präzise einstellen und eignet sich für geflogene Anwendungen als auch für den Groundstack-Betrieb.

## PRODUCT SPECIFICATIONS (for one unit GALEO DS)

|                                           |                                                             |
|-------------------------------------------|-------------------------------------------------------------|
| <b>Speaker Components</b>                 | 1 x 8" Nd (3" VC)<br>2 x 5" Nd (1.5" VC)<br>5 x 1" Nd Dome  |
| <b>Description</b>                        | Directional Two-Way Line Array Unit                         |
| <b>Power</b> AES / Peak                   | Front: 400 W / 1200 W<br>Rear: 300 W / 900 W                |
| <b>Impedance</b> nominal                  | Front: 16 $\Omega$ / Rear: 16 $\Omega$                      |
| <b>SPL</b> 1 W / Peak @ 1m                | 95 dB / 126 dB                                              |
| <b>Usable Range</b>                       | 80 Hz - 20 kHz (-6 dB)                                      |
| <b>Tuning Frequency</b> excursion minimum | 90 Hz                                                       |
| <b>X-Overpoint</b> acoustical             | Front: 1.2 kHz<br>Rear: depends on preset                   |
| <b>Coverage</b> horizontal x vertical     | 90° x 8°                                                    |
| <b>Max. Splay Angle</b>                   | 8°                                                          |
| <b>Connectors</b>                         | 2 x Speakon NL4MP in/out<br>Coding: 1 +/- Front, 2 +/- Rear |
| <b>Handles</b>                            | 2 x                                                         |
| <b>Rigging / Fittings</b>                 | 4 x M10<br>Integrated flying hardware                       |
| <b>Weight</b>                             | 11.5 kg                                                     |
| <b>Size</b> height x width x depth        | 23.0 x 25.0 x 43.5 cm                                       |
| <b>Order No.</b>                          | <b>00480</b>                                                |

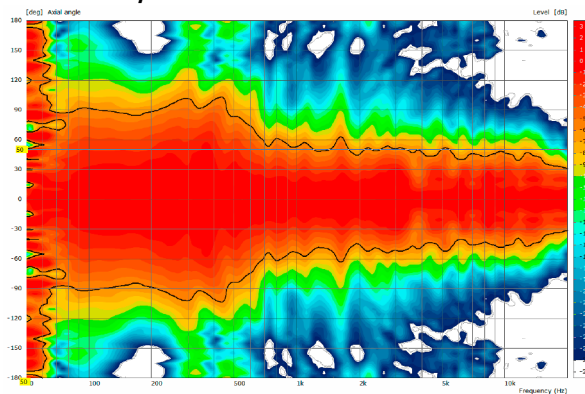


## DIMENSIONS

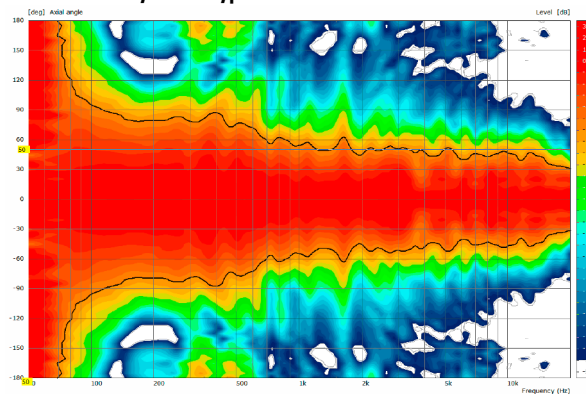


## MEASUREMENTS

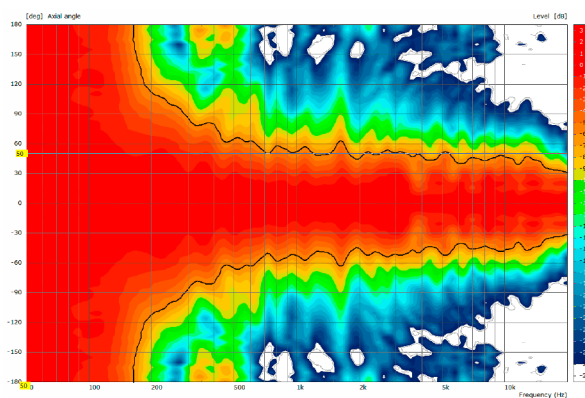
**2D Directivity Plot - Cardioid Mode**



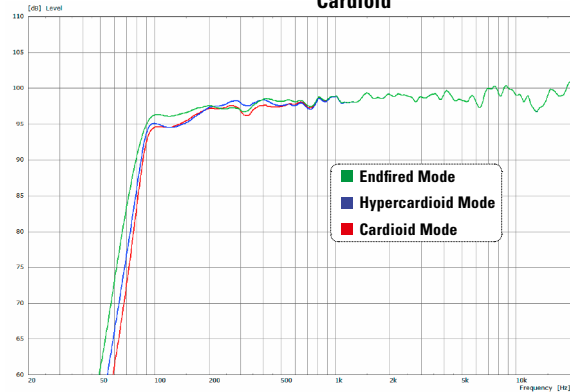
**2D Directivity Plot - Hypercardioid Mode**



**2D Directivity Plot - Endfired Mode**



**Frequency Response with DSP - Endfired, Hypercardioid + Cardioid**



### Flying Cradle



for Galeo DS,  
(incl. load adapter 1to (01314/L),  
ball lock pin  $\varnothing$  8 x 25 mm),  
max. load 190 kg, weight 3,4 kg  
Order No. **01314**

### Stacking Cradle



for Galeo DS  
Order No. **01315**

### MultiRigg™



for flown and ground stacked  
applications, (incl. 2 x knurled screws  
M10 x 20 mm, 1 x handle screw  
M8 x 55 mm), max. load 50 kg  
Order No. **01360**

### MultiRigg™ Light



for fixed installations,  
(incl. 2 x socket head screws  
M10 x 20 mm), max. load 50 kg  
Order No. **01362**

### MultiRigg™ Basic



(incl. load adapter M10,  
2 x knurled screws M10 x 20 mm),  
max. load: 50 kg  
Order No. **01364**

### MultiTilt™



Tilt adapter with adjustable tilt  
from 0° to 37,5° (2,5° steps),  
integr. pole mount adapter with clam-  
ping device, (incl. 2 x knurled screws  
M10 x 20 mm), max. load 50 kg  
Order No. **01370**

### Ball Lock Pin



$\varnothing$  8 x 25 mm  
Order No. **01380/8x25**

### Load Adapter



1to, for Galeo DS Flying Cradle  
> Shackle  
Order No. **01314/L**

### Load Adapter - M10



M10, for Galeo DS Flying Cradle  
Order No. **01314/M10**

### Quick Trigger Clamp



max. load 100 kg  
Order No. **01223/100 kg**  
  
max. load 250 kg  
Order No. **01223/250 kg**

### Knurled Screw



M10 x 20 mm  
Order No. **73750/w** (RAL 9010)  
Order No. **73750**

### TV Spigot



M10 internal thread,  
28 mm  $\varnothing$   
Order No. **08128**

### Knurled Head Nut



reduction screw for fastening  
M10 Pole Mount Adapter (08126)  
Order No. **73755**

### Ring Screw



M10– DIN 580  
Order No. **73700** (zincd)  
Order No. **73700/sw** (black zincd)



Flying Cradle



Stacking Cradle

## ACCESSORIES Galeo DS

### Patch Cable

for Galeo C, Galeo DS  
Order No. **08448**



### Steel Safety

8 mm x 600 mm,  
max. load 40 kg (BGI 810-3),  
quick connector undetachably  
Order No. **01376/8**



### Speaker Pole

250 mm, ø 35 mm, M20,  
with ring lock  
Order No. **03020**



### Pole Mount Adapter

35 mm ø → M10 x 16 mm  
Order No. **08126/II**



### Pole Mount Adapter - M20

for flying bracket,  
M20 x 35 mm with nut,  
(incl. 1 x socket head screw  
M20 x 30 mm, 1 x flat)  
Order No. **08127/nut**



### Wall Bracket

heavy duty, black,  
support plate: 600 x 150 mm,  
usable depth: 550 mm  
(incl. screw M10 x 55 mm),  
max. load capacity 150 kg  
Order No. **08138**



### Wall Mount

(incl. socket head screw M10 x 70 mm,  
M10 hex lock nut and flat washer),  
max. load 40 kg



bar: 269 mm  
Order No. **08130/F/269/w** (RAL 9010)  
Order No. **08130/F/269**

bar: 400 mm  
Order No. **08130/F/400/w** (RAL 9010)  
Order No. **08130/F/400**

### Universal Bag

for 2 x pcs. flying frames or  
flying cradles, with side pocket  
62,0 x 23,0 x 51,0 cm



Order No. **01227**

### Flight Case

for 8 pcs. Galeo DS units and insert  
for accessories, heavy duty, 9 mm  
birch multiplex, PVC coated black, 6 x  
recessed sprung handles, 2 x butterfly  
catches, 4 x 100 mm blue wheels, 2 pcs.  
with brake, interior lined with felt  
Size (H x W x D): 62 x 120 x 60 cm,  
weight 37 kg



Order No. **16445**

### Dolly

for up to 24 pcs. Galeo DS units,  
4 x 100 mm wheels with brake,  
incl. top board (stackable),  
weight 25 kg



Order No. **01271/DS**

