A compact and versatile high performance Two-Way Line Array featuring various innovative acoustical and mechanical solutions. This 2 x 8” / 1.4” system is driven two-way active. The Galeo C is a visually unobtrusive sound reinforcement system equally suited to high end permanent installations and demanding tour applications.

A choice of horizontal coverage angles of 70° or 100° is provided by the interchangeable AMR horn elements. The maximum splay angle of 14° allows a high degree of curvature in the line array with a small number of cabinets. The innovative integrated flying hardware allows the curving angle to be set after the system has been lifted up, thereby simplifying the set-up process.

### Speaker Components
- 2 x 8” Nd (2,5” VC) / 1.4” Nd (3” VC)

### Description
- Two-Way Line Array Unit

### Power
- AES / Peak
  - LF: 600 W / 1800 W
  - HF: 110 W / 330 W

### Impedance
- nominal
  - LF: 16 Ω / HF: 16 Ω

### SPL
- 1 W / Peak @ 1m
  - LF: 98 dB / 131 dB
  - HF: 111 dB / 136 dB

### Usable Range
- 80 Hz - 20 kHz (- 6 dB)

### Tuning Frequency
- excursion minimum: 95 Hz

### X-Overpoint
- acoustical: Depends on preset

### Coverage
- horizontal x vertical
  - 100° x 14° (100°-version)
  - 70° x 14° (70°-version)

### Max. Splay Angle
- 14°

### Connectors
- 2 x Neutrik Speakon NL4 in/out
  - Coding: 1 +/- HF; 2 +/- LF

### Handles
- 4 x

### Rigging / Fittings
- 6 x M10
  - Integrated flying hardware

### Weight
- 22 kg

### Size
- height x width x depth
  - 24,0 x 58,0 x 46,0 cm

### Order No.
- 00410/100 (100°- Version)
- 00410/70 (70° - Version)
**DIMENSIONS**

- Galeo C 2° - horizontal - 2D Directivity Plot
- Galeo C 70° / 100° - Directivity Plot - vertical
- Galeo C 70° - 2D Directivity Plot - horizontal
- Galeo C 100° - horizontal - 2D Directivity Plot
- Galeo C 70° / 100° - Directivity Plot - vertical
- Galeo 70° / 100° - Frequency Response with Presets

**MEASUREMENTS**

- 4 x M10 Twinpoints for MultiRigg™

**Controller Setups:**

TECHNOLOGY

AMR® PRINCIPLE

The AMR horn panels contain integrated channels which allow the sound waves generated by the low-mid speakers mounted behind the horn to pass through. For sound waves in the frequency range generated by the 1.4" HF driver, these channels behave as if they were sealed, due to the air mass inside the channels acting as a reflector (AMR = Air Mass Reflection).

The low-mid speakers are coupled to an acoustical band pass filter with a center frequency close to the crossover frequency between the Mid and HF drivers. This construction provides smooth horizontal dispersion over a wide frequency range. Another asset is the extreme compactness of this design.

Vertical Characteristic / Cylindrical wave front

The acoustic coupling between multiple Galeo C units produces a cylindrical wave front. The bundling of the acoustical energy means, that the system has a longer throw. The vertical coverage angle is determined by the number of Galeo C units, and their angle relative to one another. The longer the array, the longer the throw.

AMR® REFLECTORS

By exchanging the AMR Reflectors, the horizontal dispersion can be changed from 70° to 100° and back according to demand.

The more tightly bundled 70°- versions of the Galeo C system was developed especially for narrower audience areas. Thanks to the patented Air Mass Reflection principle, it is characterised by extremely precise and even directivity.
The simulation program.

The EASE-FOCUS 3 software is available for use in the calculation of splay angles and expected coverage characteristics. The program has been especially adapted for the Galeo system. The completed simulation can be exported in printable form as a pdf file to assist the technician in the installation of the system.

Software EASE-FOCUS 3:  
**FLYING SYSTEM**

- Auto-locking flying fixtures.
- Integrated and recessed flying hardware.
- Opaque front grille.

**GROUND STACKED SOLUTIONS**

- Flying Frame
  - 3 x Galeo C / 2 x Galeo C Sub

- MultiRigg™
  - 2 x Galeo C / Galeo C Sub

- Stacking Board
  - 3 x Galeo C / 2 x Galeo C Sub
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<th><strong>ACCESSORIES Galeo C</strong></th>
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**Flying Frame**
for Galeo C / Galeo C Sub, incl. accessories
(3 pcs. 8 x 25 mm ball lock pins, load adapter and 100 mm distance bar) - also for ground stack.
Order No. 01326

**Stacking Board**
fits: Galeo C Sub, up to 6 x groundstacked Galeo C units, incl. accessories (3 x ball lock pins 8 x 25, 1 x screw M20 x 80, 1 x screw M20 x 35), 3.2 kg
Order No. 01396/C

**MultiRigg™**
swiveling fastening solution for horizontal and vertical alignment, for flown / ground stacked / mounted applications, incl. accessories (2 x star knob screws M10 x 18 mm, 1 x handle screw M8 x 55 mm), max. load 50 kg
Order No. 01360

**Ball Lock Pins**
for Galeo C / Galeo C Sub, flying frame
Order No. 01380/6x25 (6.0 x 25.0 mm)
Order No. 01380/8x25 (8.0 x 25.0 mm)

**Load Adapter**
for Galeo C / Galeo C Sub flying frame
Order No. 01327

**Pull Adapter - Bottom**
for Galeo C top unit
Order No. 01329/B

**Pull Adapter - Top**
for Galeo C flying frame
Order No. 01329/T

**Shackle**
cambered, high-quality tempered, with bolt (ø 18 mm), weight: 0.33 kg, WLL 2000 kg
Order No. 01372/2000

**Speaker-Cable NL4**
NL4, incl. cable fastener
Order No. 08452 (5 m)
Order No. 08453 (10 m)
Order No. 08454 (15 m)

**Patch Cable**
for Galeo C
Order No. 08448

**Lashing Straps**
Safetex 25A-B-1-DR, 0.8 t, one-piece, length: 6 m, width: 25 mm
Order No. 01320
## ACCESSORIES Galeo C

### AMR Reflectors 100°
- For Galeo C, consisting of 2 pcs.
- AMR reflectors 100°, incl. fittings
- Order No. **08139/100**

### AMR Reflectors 70°
- For Galeo C, consisting of 2 pcs.
- AMR reflectors 70°, incl. fittings
- Order No. **08139/70**

### Rain Cover
- For 4 x Galeo C top units
- Order No. **01238/C/outdoor**

### Dolly
- For Galeo C, up to 12 stacked units, stackable
- Size (W x D): 100 x 60 cm
- Order No. **01262**

### Flight Case
- For 4 pcs. Galeo C units, heavy duty, 10 x recessed sprung handles, 4 x scanner windows, 4 x 100 mm blue wheels with brake, interior lined with felt
- Size (H x W x D): 79 x 104 x 56 cm
- Order No. **16002/C**

### Flight Case Trunk
- For 2 pcs. Galeo C flying frames, central shelf for accessories (16 cm), 6 x recessed sprung handles, 4 x 100 mm blue wheels, 2 pcs. with brake, interior lined with felt
- Size (H x W x D): 77 x 75 x 48 cm
- Order No. **16003/C**