

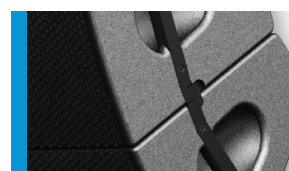
Constant Curvature Array Units C 15 / C 30



The new „Constant Curvature Array“ loudspeakers C 15 and C 30 combine the advantages of point source speakers with the performance of Line Arrays. The vertical dispersion is being defined by the addition of the single C - Series speakers. With the C 15 and C 30 there are vertical dispersion angles of 15° and 30° available. With relatively few elements, even larger audience areas can be sounded very precisely and equally. The applications are in theatres, sports arenas, club sound reinforcement and medium-sized open air concerts.

PRODUCT SPECIFICATIONS

	C 15	C 30
Speaker Components	2 x 10" Nd (3" VC) 3 x 1" Nd (1,7" VC)	2 x 10" Nd (3" VC) 3 x 1" Nd (1,7" VC)
Description	Constant Curvature Array Units	
Power AES / Peak	800 W / 2400 W	800 W / 2400 W
Impedance nominal	8 Ω	8 Ω
SPL 1 W / Peak @ 1m	100 dB / 134 dB	100 dB / 134 dB
Usable Range - 6 dB	70 Hz - 20 kHz	70 Hz - 20 kHz
Tuning Frequency excursion minimum	80 Hz	80 Hz
X-Overpoint acoustical	800 Hz	800 Hz
Coverage horizontal x vertical	90° x 15°	90° x 30°
Max. Splay Angle	15°	30°
Connectors	2 x Speakon NL4MP in/out, Coding: 1+/- HiMid, 2+/- loop thru	2 x Speakon NL4MP in/out, Coding: 1+/- HiMid, 2+/- loop thru
Handles	2 x	2 x
Rigging / Fittings	Integrated flying hardware, 8 x M10 for MultiRigg™/ MultiTilt™	Integrated flying hardware, 8 x M10 for MultiRigg™/ MultiTilt™
Weight	25 kg	23,5 kg
Size height x width x depth	32,0 x 70,0 x 38,0 cm	32,0 x 70,0 x 38,2 cm
Order No.	00470	00472



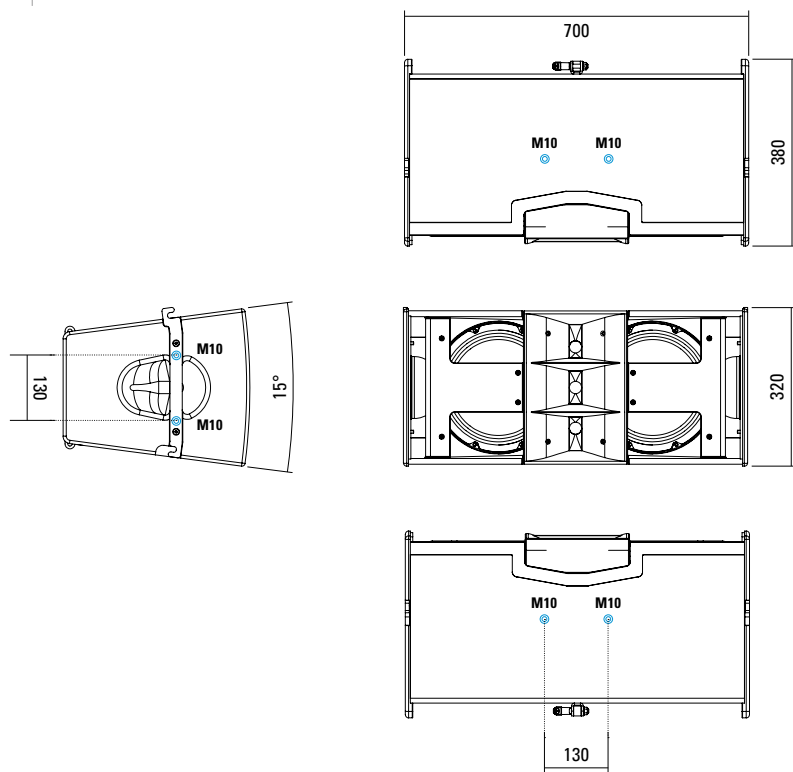
Integrated flying hardware



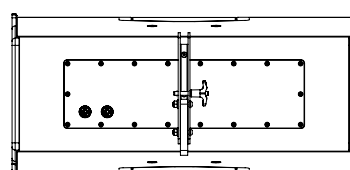
MultiRigg™ Hardware

DIMENSIONS

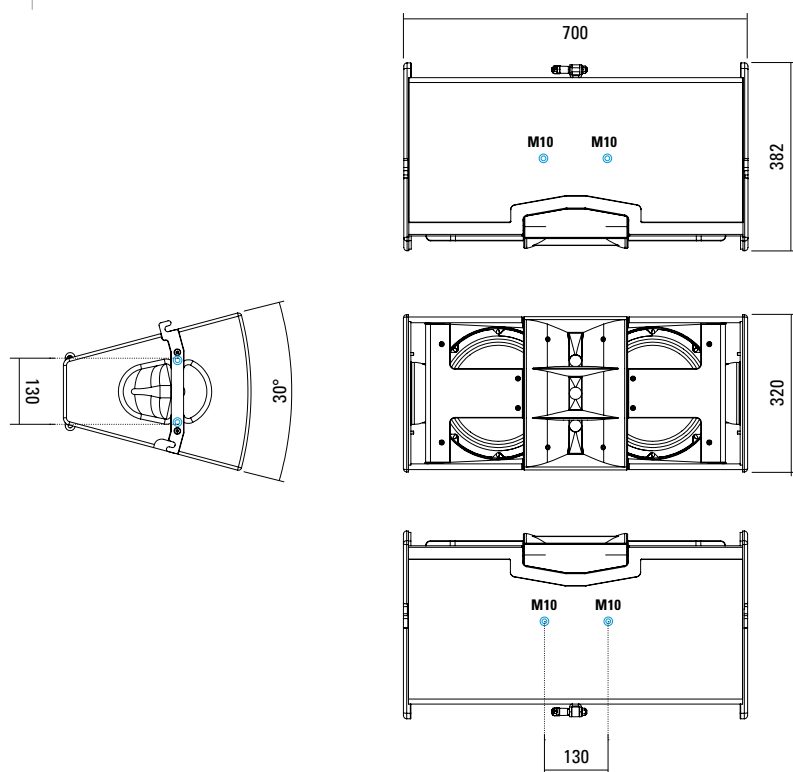
C 15



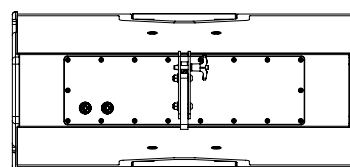
8 x M10 Twinpoints for MultiRigg™ / MultiTilt™



C 30

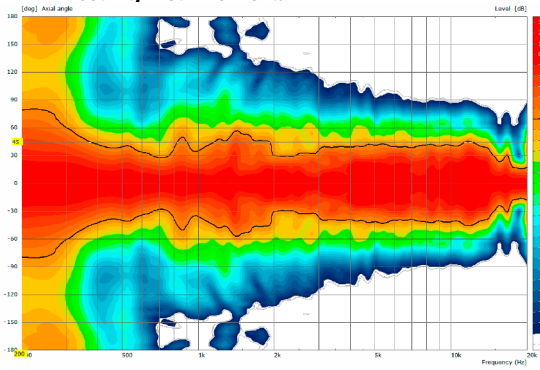


8 x M10 Twinpoints for MultiRigg™ / MultiTilt™

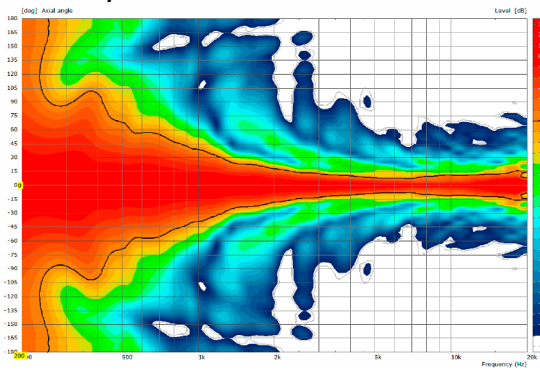


C 15

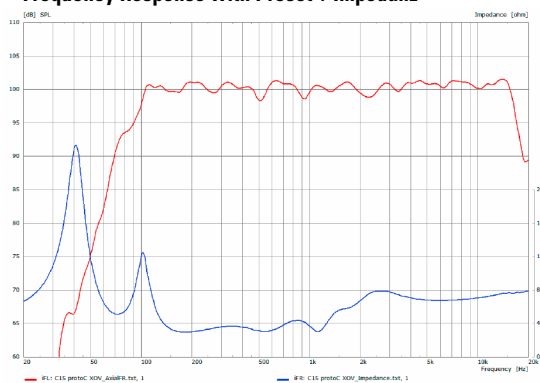
2D Directivity Plot - horizontal



Directivity Plot - vertical

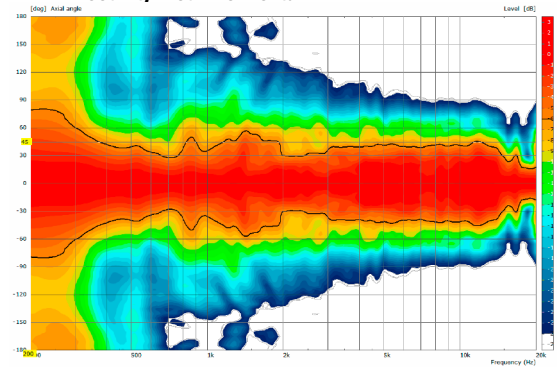


Frequency Response with Preset + Impedanz

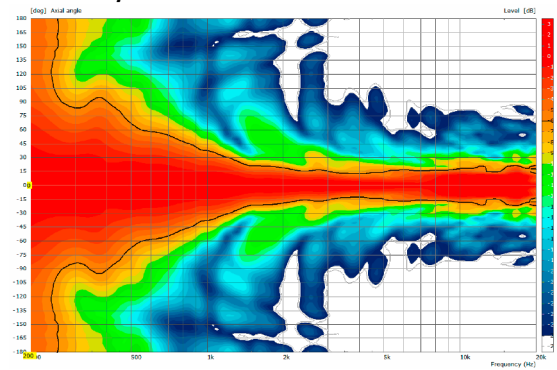


C 30

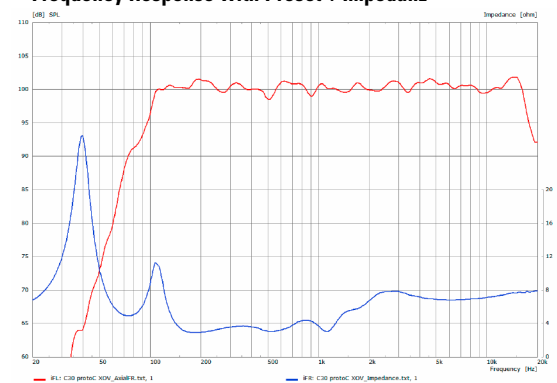
2D Directivity Plot - horizontal

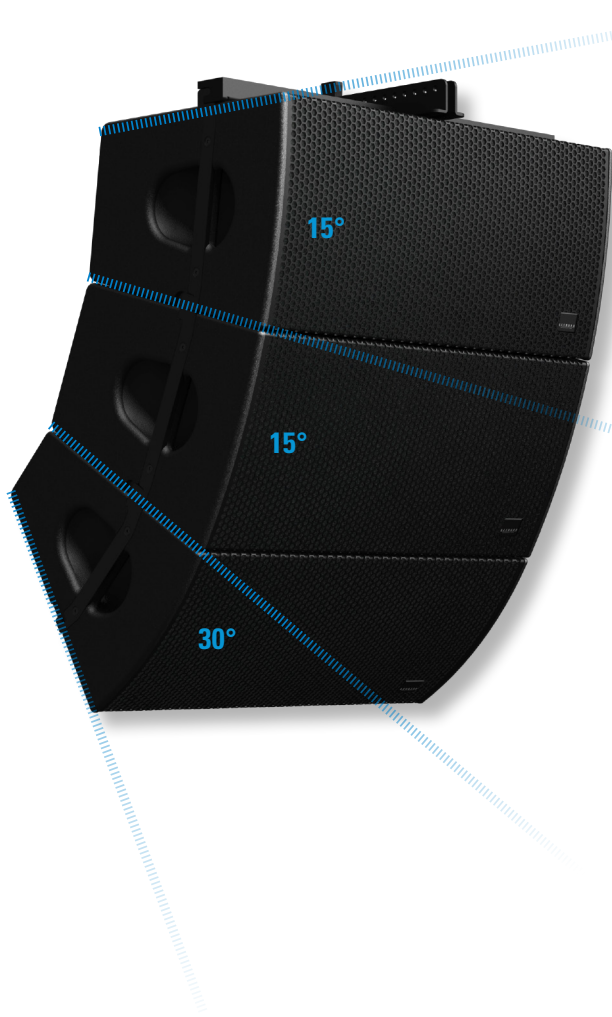


Directivity Plot - vertical



Frequency Response with Preset + Impedanz





Constant Curvature

C 15 (15°) - C 30 (30°)

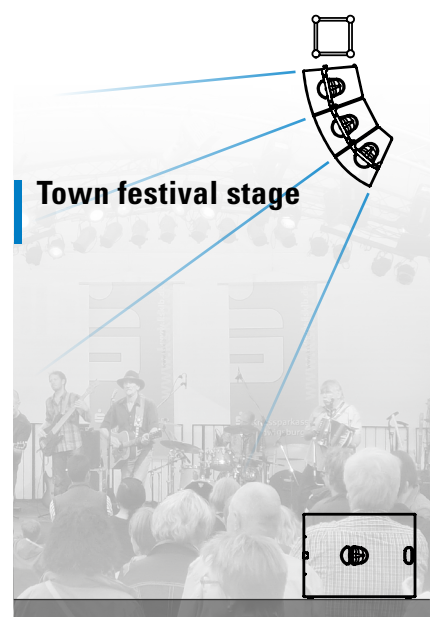
- Full scalability
- Highly precise dispersion
- Compact appearance
- High performance



Auditorium

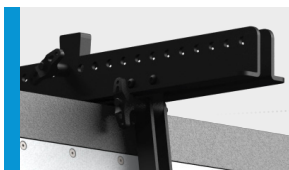


Stativ system

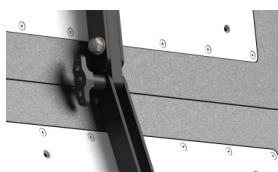


Town festival stage

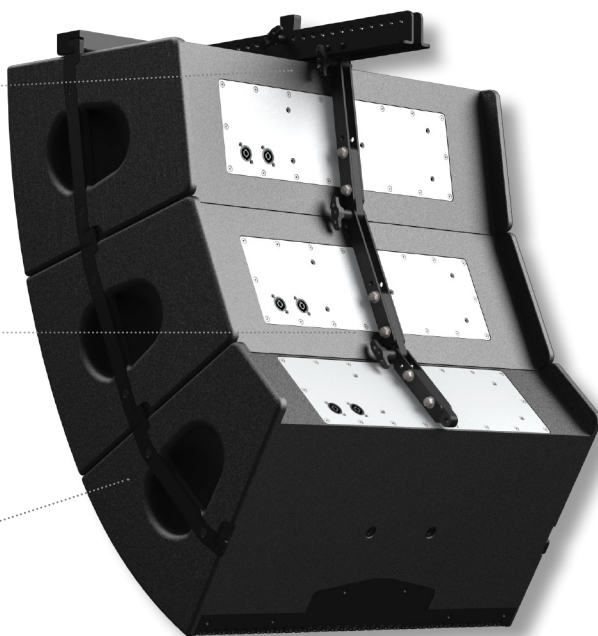
FLYING SYSTEM



Flying Cradle



Integrierte Flugmechanik



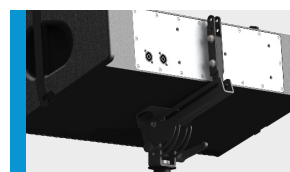
APPLICATIONS



C 30 / Galeo C Sub
MultiRigg™



C 15 + C 30 / C Sub
Flying Cradle



MultiRigg™ Hardware

Flying Cradle



for C 15 / C 30,
incl. load adapter M10 (01328),
max. load 150 kg,
Order No. **01357**

Load Adapter M10



for Galeo C - Galeo C Sub - PS 1 -
C 15 - C 30 flying frame / flying cradle
Order No. **01328**

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**

MultiTilt™ Heavy Duty



for Galeo C / C-Series / K 24,
to be used with FD34 / FD33 truss,
minimum truss length: 0,21 m
consisting of base plate with M20
and tilt adjuster (incl. socket head
screw M20 x 30 mm),
weight: 13,5 kg, max. load 150 kg
Order No. **01359** (without traverse)

Speaker Pole



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

Pole Mount Adapter



35 mm ø → M10 x 16 mm,
star knob screw M8 x 20 mm
Order No. **08126**
Order No. **08126/w** (RAL 9010)

Pole Mount Adapter



35 mm ø → M10 x 16 mm
Order No. **08126/II**
Order No. **08126/II/w** (RAL 9010)

TV Spigot



M10 internal thread,
28 mm Ø
Order No. **08128**

Knurled Screw



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

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)

Steel Safety



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

ACCESSORIES C 15 / C 30

Quick Trigger Clamp

max. load 100 kg

Order No. **01223/100 kg**



Quick Trigger Clamp

max. load 250 kg

Order No. **01223/250 kg**



Wall Mount

bar: 269 mm,
(incl. socket head screw M10 x 70 mm,
M10 hex lock nut and flat washer),
max. load 40 kg,

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

Order No. **08130/F/269**



Wall Mount

bar: 400 mm,
(incl. socket head screw M10 x 70 mm,
M10 hex lock nut and flat washer),
max. load 40 kg

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

Order No. **08130/F/400**



Flight Case

for 2 pcs. C 15 or C 30,
mounting option for 2 x MultiRigg
or MultiTilt, 100 mm wheels.
Size: 80 x 45,5 x 90 cm (w x d x h),
weight: 34 kg

Order No. **16600**

