



## Description

- Vertical curving 0°, 1°, 2°, 3° to 10° in 1°- steps
- Integrated 3 point slidelock system for flown or ground stacked
- 3 - way high output system
- Frequency range: 60 Hz – 21 kHz

### Ultra Compact High Quality Line Array with 2 x 10"

**LA 210 CX** is manufactured to work with a dual diaphragm coaxial planar wave driver. It radiates a coherent planar wave front and forms a rectangular piston without internal diffraction. Thus superior dispersion control and high fidelity sound is achieved.

**LA 210 CX** has two 10" ferrite low distortion cone drivers with 3" voice coils and 400 W/Rms each. Both 10" drivers are with front compression chamber loaded.

Designed for touring and installation applications, the **LA 210 CX** is perfectly suited for arenas, theaters, houses of worship, corporate events, clubs and touring in combination with **BP 118** or **BP 218 S**.



# LA 210 CX

## LOUDSPEAKER

### Subsystem:

<b>Transducer</b>	<b>Loading</b>
LF – 2 x 10-in cone /3" Voice Coil/	Horn-loaded
MF – 2 x 8-in cone /2" Voice Coil/	Loaded by a wave converter which transforms the spherical waves into cylindrical isophase waves
HF – 4 x 1-in compression driver /44.4 mm Sandwich in- and outside Voice Coil/	Loaded by a wave converter which transforms the spherical waves into cylindrical isophase waves

### Operating Mode: Active

<b>Amplifier Channels</b>	<b>External Signal Processing</b>
Two/Three - amp LF, MF and HF (passive / active mode)	DSP /2 or 3 - way filters/

## PERFORMANCE

Operating Range	70 Hz – 21 kHz ( - 3 dB)
Nominal Beamwidth (H/V)	110° x 10°

### Power handling AES

LF – 80 Vrms (90 Hz – 800 Hz)	800 W @ 16 Ω
MF – 34.6 Vrms (800 Hz – 6 kHz)	150 W @ 16 Ω
HF – 25.2 Vrms (7 kHz – 18 kHz)	80 W @ 8 Ω

### Axial Sensitivity (@2.83V/8Ω/1m)

LF – 102 dB
MF – 112 dB
HF – 112 dB

### Input Impedance

<b>Nominal</b>
LF – 8 Ω (2 x 16 Ω)
MF – 8 Ω
HF – 8 Ω

### High Pass Filter (Active Mode)

LF – High Pass => 70-90 Hz, 36 dB /octave Butterworth/
MF – High Pass => 800 Hz, 36 dB /octave Butterworth/
HF – High Pass => 6300 Hz, 36 dB /octave Butterworth/

### Axial Output SPL @ 1m

<b>Average</b>	<b>Peak</b>
LF – 131 dB	137 dB
MF – 134 dB	140 dB
HF – 131 dB	137 dB

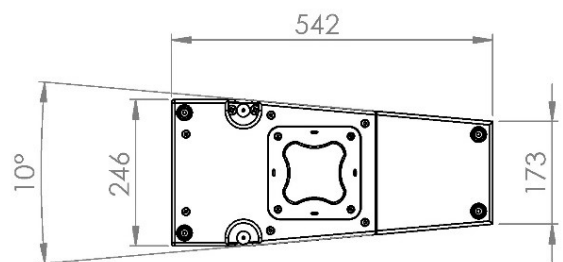
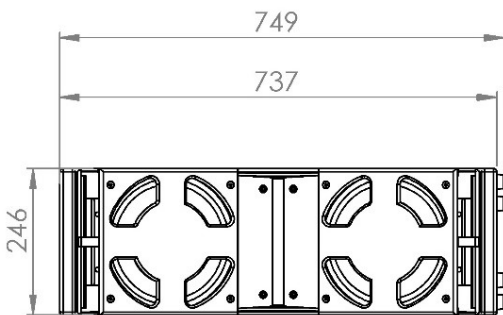
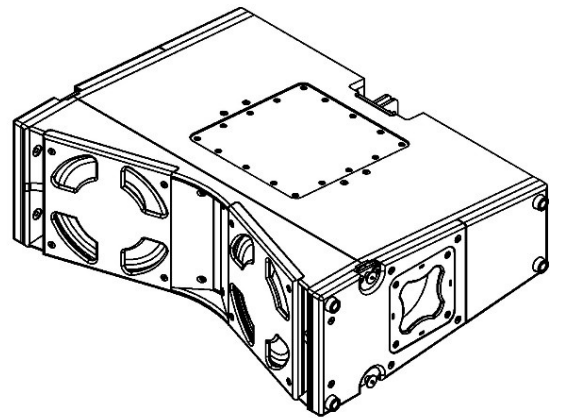
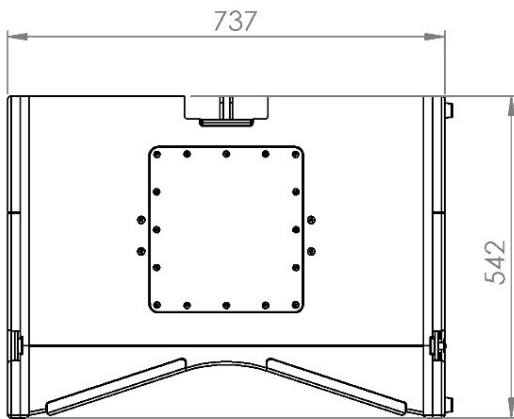
## PHYSICAL

Dimensions (incl. hardware): 749 x 542 x 246 mm (W x L x H)
Net Weight: 45 kg

## ORDERING DATA

<b>Description</b>
LA 210 CX
<b>Optional Accessories</b>
1 x Cover
8 x Ball Lock Pins

## Dimensions



- All dimensions are in mm