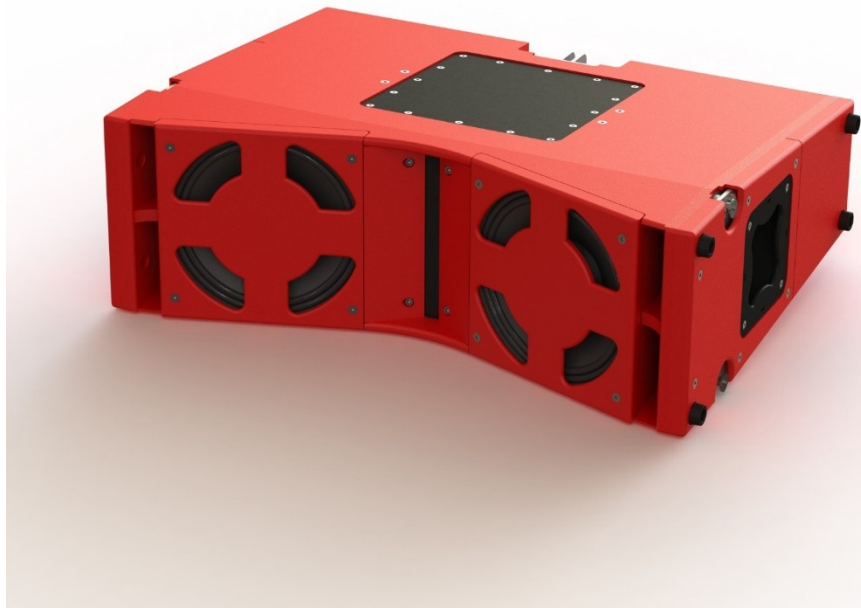


LA 210 CX Specifications



Description

Ultra Compact High Quality Line Array with 2x 10"

- 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

LA 210CX 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 210CX has two 10" ferrite low distortion cone drivers with 3" voice coils and 400W/Rms each. Both 10" drivers are with front compression chamber loaded. Designed for touring and installation applications, the LA210CX is perfectly suited for arenas, theaters, houses of worship, corporate events, clubs and touring in combination with HL118BR, BP118, BP218LF or BP218.

The loudspeaker shall be operated with a separate dedicated electronic controller.



LA 210 CX

Specifications

LOUDSPEAKER

Subsystem:	
Transducer	Loading
LF 2 x 10-in cone / 3"Voice Coil/	Compression chamber-loaded
8" Coaxial Neodymium Planar Wave Driver, Voice coil mid/hi range: 3.5"/1.75"	Loaded by a wave converter which transforms the spherical waves into cylindrical isophase waves

Operating Mode: Active	
Amplifier Channels	External Signal Processing
Two / Three - amp LF, MF, HF – passive / active mode	DSP /2 or 3-way filters

PERFORMANCE

Operating Range:	70 Hz - 21 kHz (- 3 dB)
Nominal Beamwidth(-6db) : H/V	110° x 10°

Power handling AES	
2 x LF – 80 Vrms(90-800Hz)	2 x 400W @ 8Ohm
MF - 34.6 Vrms(800-6000Hz)	150W @ 8Ohm
HF - 25.2 Vrms(7000-18kHz)	80W @ 8Ohm

Axial Sensitivity @ (2.83V/8ohm/1m)	
LF 102dB	
MF 112dB	
HF 112 dB	

Input Impedance	
Nominal	
LF – 8 ohm (2 x 16Ohm)	
MF –8 ohm	
HF – 8 ohm	

High Pass Filter Active Mode	
LF – High Pass=> 70- 90Hz, 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	
Average	Peak
LF 131 dB	137 dB
MF 134 dB	140 dB
HF 131 dB	137 dB

PHYSICAL

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

ORDERING DATA

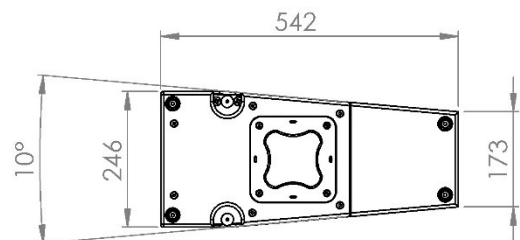
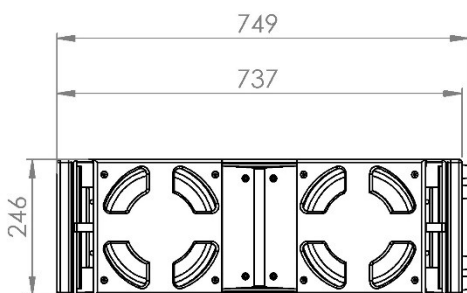
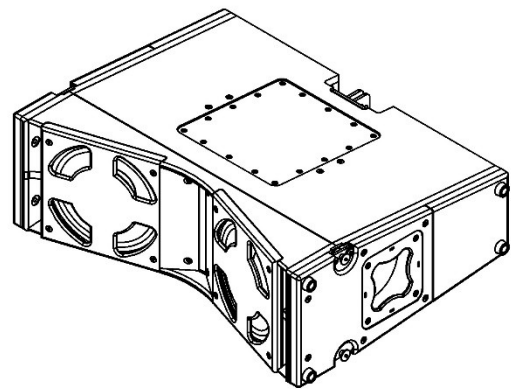
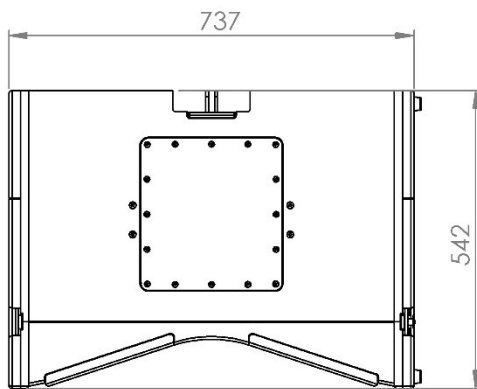
Description
LA 210 CX- Red or Black (Two Colours – optional)
Optional Accessories
Cover (Single protection for one LA), Ball Lock Pins, Dolly Board.



Clear Sound Ltd. Sofia, Bulgaria. www.clearsoundco.org www.facebook.com/ClearSoundLtd

Clear Sound products are continually improved. All specifications are therefore subject to change without prior notice.

Drawing



- All dimensions are in mm