

CONTOUR X 210 LT

THE UNCOMPROMISING LONG THROW SYSTEM

Passive Point Source Speaker

Part number: 1007974

HK Audio CONCERT SOUND stands for the best sound quality, high performance and unlimited road capability. All components can be combined with each other in almost any way thanks to optimally coordinated DSP presets.

Based on the many years of experience with CONTOUR X and its predecessor series, the CX 210 LT consistently sets new standards in terms of sound pressure and range. Horizontal arrays are possible in the simplest workable way.

Stacked or flown, the CONTOUR X 210 LT closes the gap between line arrays and classic point-source speakers providing sound for larger events without much effort, cost-effectively and assertively.

Characteristics

- Large, rotatable horn with MTC (Multicell Transformer) offers very precise dispersion (60° x 25°).
- Optimized components for maximum performance and perfect tuning ensure enormous sound pressure and long range.
- ICF mechanism (Integrated Cluster and Flyware) allows single point flying of individual loudspeakers and arrays with minimal effort.
- Perfectly complements the CONTOUR X and COSMO family. Seamless integration into setups with existing components.
- Birch plywood and PU coating
- NL 4 Input/Output with pin selector switch
- Filter presets for Lab.Gruppen and Powersoft with a linear phase response from 500 Hz upwards, for maximum combinability

Applications

- Powerful long-throw mid/high unit for main pa systems, single unit or horizontal array
- Sidefill or drumfill mid/high unit for monitoring systems on large stages
- Frontfill or outfill to support a COSMO main pa system at large events



CONTOUR X 210 LT



Technical data

CONTOUR X 210 LT	
Characteristics	
Concept	Passive 2-way mid/high unit
Cabinet principle	Bass reflex
Power handling RMS	800 W
Power handling program	1600 W
Power handling peak	3200 W
Nominal impedance ¹⁾	8 Ohm
Max. SPL average ²⁾	128 dB
Max. SPL peak ³⁾	132 dB
Sensitivity 1 W/1 m ⁴⁾	99 dB
Crossover frequency	1.1 kHz
Frequency range -6 dB	75 Hz - 18 kHz
Frequency range -10 dB	68 Hz - 19 kHz
Dispersion angle -6 dB (horizontal x vertical)	60° x 25°, rotatable

Components	
Mid/high frequency	2 x 10" SICA cone speaker with ferrite magnet and 2.5"-voice coil
High frequency	1 x 1.4" B&C compression driver with neodymium magnet and 3"-voice coil
Crossover	High pass: 18 dB/oct., Low pass: 24 dB/oct.
Horn	MCT-Horn, rotatable

Connections	
Input	1 x NL4 Speakon
Output/parallel output	1 x NL4 Speakon
Pin assignment	1+/-, 2+/-, switchable

Amping/Presets	
Lab.Gruppen	Lake
Powersoft	Armonia+

Mechanical data	
Cabinet features/rigging	pole mount 1 x M20, Integrated 2-point rigging frame for rigging bar
Carrying handles	2 x HK Audio MultiGrip
Cabinet material	Birch plywood
Cabinet surface	PU coating / acrylic enamel
Color	Jet black (RAL 9005)
Front grille	Steel front grille with anticorrosive coating and backed acoustic foam
Dimensions (W x H x D), metric	33.5 x 96.0 x 39.0 cm
Dimensions (W x H x D), imperial	13-3/16 x 37-25/32 x 15-11/32 inch
Weight, metric	39.0 kg
Weight, imperial	86.0 lbs

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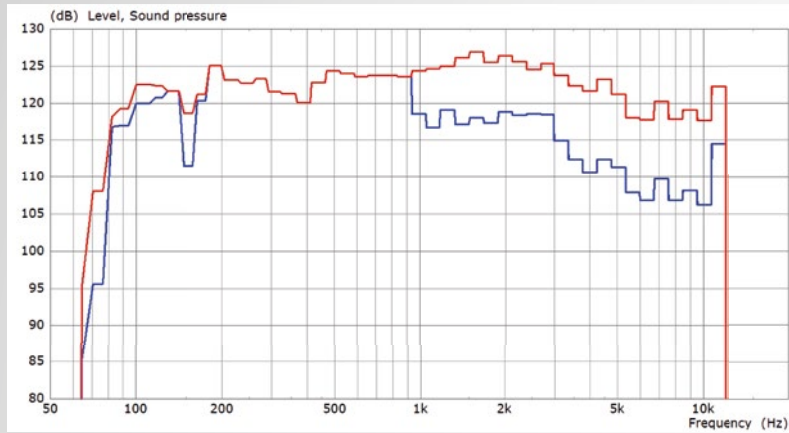
- 1) According to EN 60268-5 (minimum value not less than 80% of nominal value)
- 2) 3 x unit @ 1 m, 10 % THD, 75 Hz - 12 kHz, (EN 60268-21), full space, @ 1.2 kW
- 3) 3 x unit @ 1 m, 10 % THD @ 1.25 kHz, full space, @ 1.2 kW
- 4) 70 Hz - 18 kHz, full space



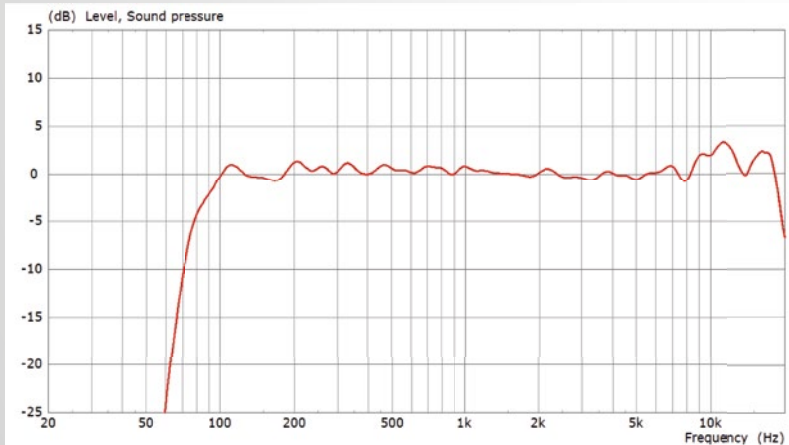
CONTOUR X 210 LT



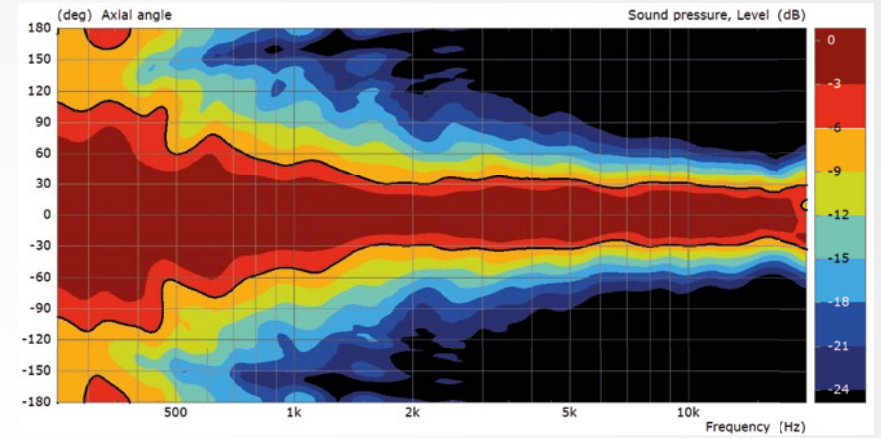
Technical data



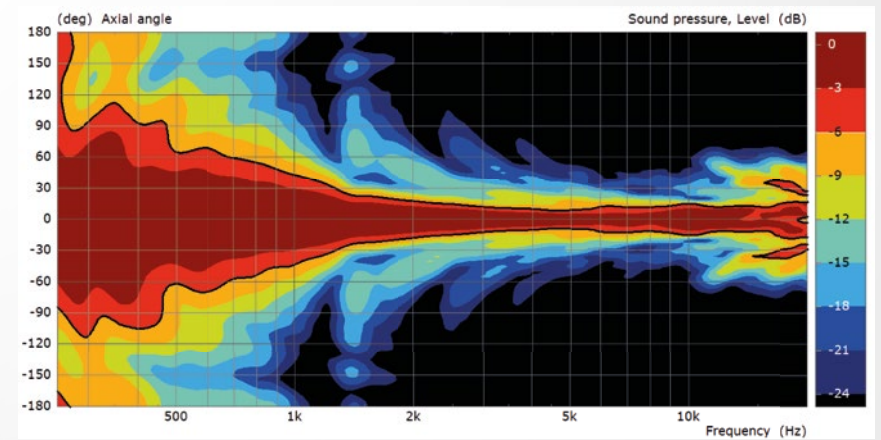
Max. SPL @ 1,2 kW (blue = 3% THD, red = 10% THD) (full space)



Frequency response



Horizontal dispersion



Vertical dispersion

Accessories



CXR-210

Part number: 1008185

The CXR-210 is the optional rigging & tilting bar for precise rigging angles of the CONTOUR X 210 LT. It allows flying setups of a single unit up to a horizontal array of four units at a single mounting point offering 44 different angle options.



Tilt-Unit

Part number: 1007538

For stacking setups directly on the subwoofer. The tilt unit prevents the mid/high units from slipping.



Protection Cover 210 LT/LTA

Part number: 1008268

The Protection Cover 210 LT/LTA is a padded transport protection cover. Thanks to the convenient handle recesses, the protective cover can remain on the box permanently during installation and dismantling.

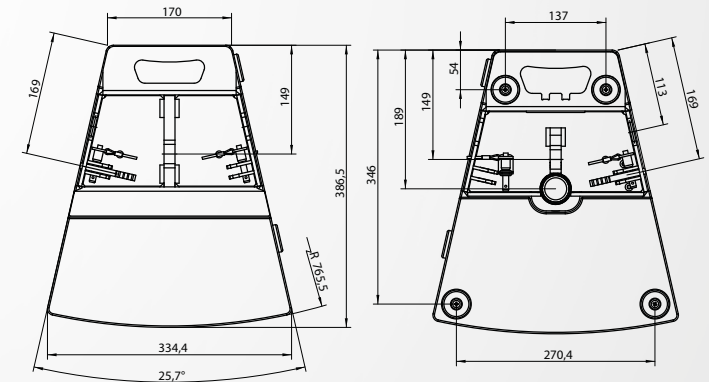
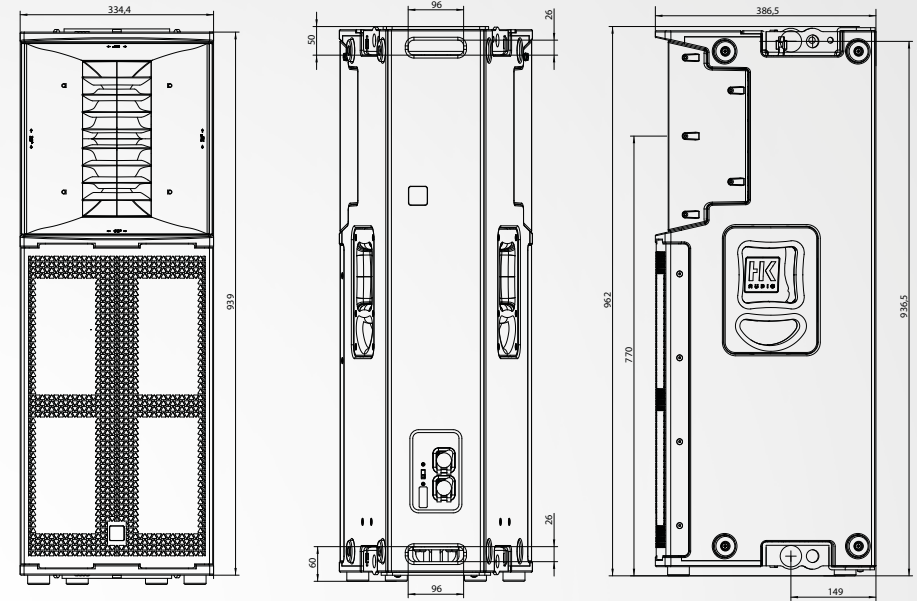


Flightcase

Part number: 1008264

Transport case for two CX 210 LT incl. accessory compartment.

CONTOUR X 210 LT



Simulation and CAD files, tender specifications, certificates and much more can be found at www.pro.hkaudio.com

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