CONTOUR X

HK AUDIO

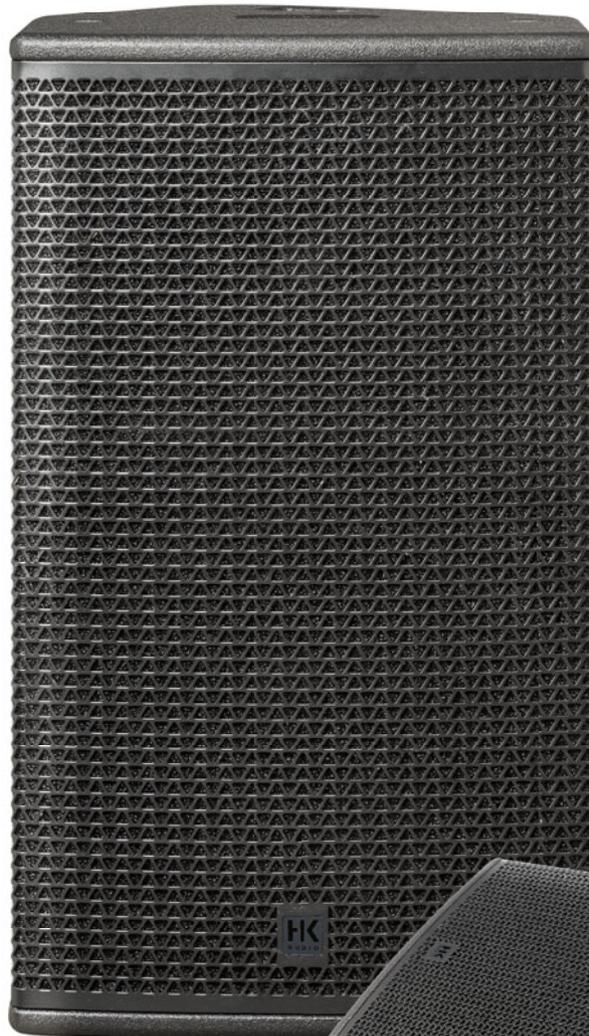*PROFESSIONAL*

CX 12 L/R
Fullrange Cabinet

Featuring a multipurpose housing, the passive CX 12 fullrange speaker can serve as an FOH cabinet, delay speaker, stage monitor and front-fill. It is the enclosure of choice for applications demanding both high sound pressure levels and excellent speech intelligibility.

With the benefit of its exceptionally uniform phase response, remarkably wide dynamic range, and BEM-tuned high-frequency horn, it delivers a very precise throw pattern. The CX 12's low-profile housing makes it the stage monitor of choice for demanding performers. Its pin assignments are variable; the input signal may be routed via 1+/- or 2+/-. This makes it very easy to integrate the CX 12 into third-party setups. It also enables you to set up two monitor signal paths or two-way sub/top unit combinations via one four-wire cable.

Another great practical benefit of all CONTOUR X speakers is that they do not require special filter presets and can be driven by any amplifier with a suitable power rating. For the best audio results, we recommend using a HK Audio amp rack and HK Audio filter presets. You can find them in the download pages at www.hkaudio.com.

Applications:
Fullrange public address and audio playback, near-field sound reinforcement for scenarios requiring high SPLs (e.g. as an FOH top unit in clubs with live acts), as a supplementary front-fill for COSMO line arrays, as the top unit for side-fills and drum-fills, and as a monitor on large stages.

Patching the signal through in monitor setups is an exercise in convenience with the easy-access Speakon NL4 ports on the CX 12's bottom and top panels.

CX 12 L/R Fullrange Cabinet

Features

Adjustable directivity

CX speaker systems are equipped with rotatable high-frequency horns that let you adjust their throw pattern to suit different applications. Simply unscrew and remove the front grille, and turn the horn 90° to change the CX 12's directivity from 75° x 55° to 55° x 75°.

Pin assignment

A switch mounted on CX speakers' rear panel changes the pin assignments by routing the input signal for all installed Speakon connectors to the 1 +/- or 2 +/- pins. This makes it very easy to integrate CONTOUR X cabinets into third-party setups and use just one four-wire speaker cable to set up two signal paths for monitoring and connecting sub/top unit combinations.

CONTOUR X Accessories & Rigging Hardware

TB-XQ

This universal tilt bracket serves to attach CX 12 and CX 15 speakers to trusses, ceilings and wall mounts. Easily installed without tools using quick-release pins inserted into the side-mounted fittings, it lets you freely tilt and aim the cabinet.

AP-10 /B

This optional attachment safely fastens enclosures fitted with M10 rigging points to steel cables or chains.

Cases

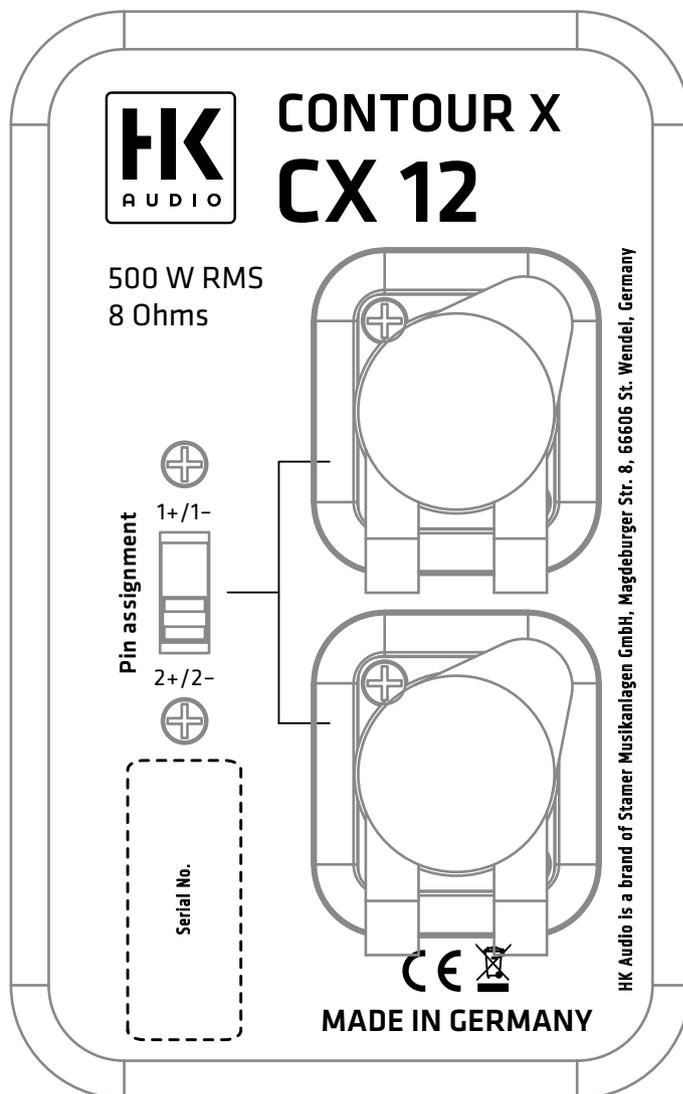Premium-quality flight cases are optionally available (4x CX 8, 4x CX 12, 2x CX 12 and 2x CX 15).

Cables

An extensive range of cords is available for a host of application scenarios.

CONTOUR X Series Cover

Padded, sealable cover to effectively protect CX 12 enclosures on the road.

HK AUDIO CONTOUR X CX 12 — 500 W RMS, 8 Ohms — Pin assignment 1+/1−, 2+/2− — Serial No. — CE — MADE IN GERMANY — HK Audio is a brand of Stamer Musikanlagen GmbH, Magdeburger Str. 8, 66606 St. Wendel, Germany

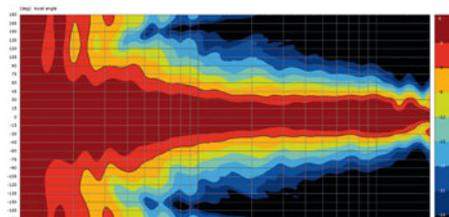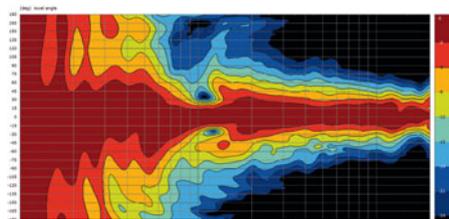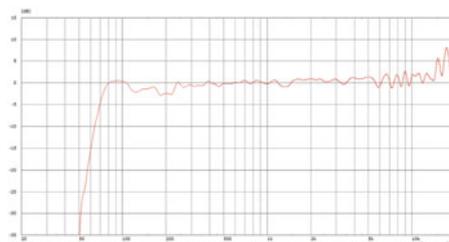|	
Connectors:	4x Neutrik NL4 Speakon with sealing cap
Dimensions (WxHxD):	37 x 67 x 32,5 cm
Weight:	22,8 kg
Accessories:	TB-XQ tilt bracket, Cases (2x CX 12, 4x CX 12), Protective Cover
Type:	HK AUDIO CX 12
Article numbers:	CX 12 L: 1007626
	CX 12 R: 1007627

Technical Specifications

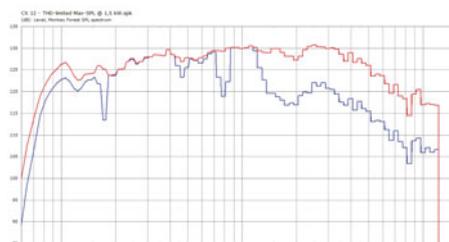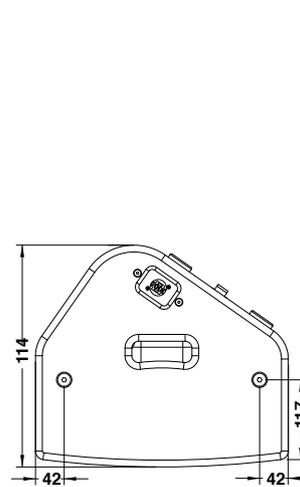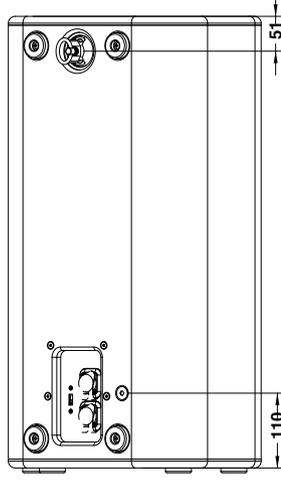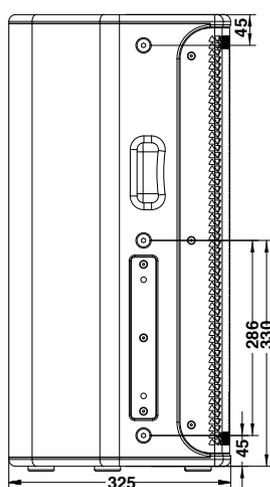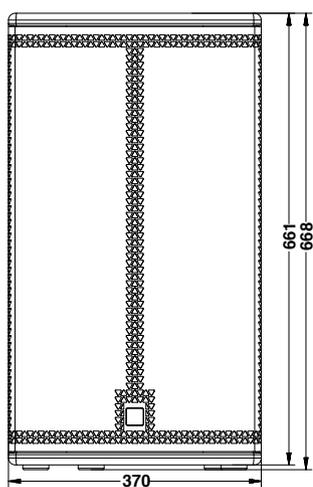|	
Power handling, nominal:	500 W
Power handling, program:	1000 W
Power handling, peak:	2000 W
Frequency response - 10 dB:	61 Hz – 19 kHz
Frequency response +/-3 dB:	70 Hz – 18 kHz
Directivity:	75° x 55°, rotatable CD horn
Sensitivity 1 W @ 1 m:	99 dB (100 Hz – 10 kHz), full space
Max. SPL @ 10% THD (EN 60268-21:2018):	131 dB
Electrical impedance:	8 ohms
Low-/midrange woofer:	12" neodymium, 3" voice coil
HF driver:	1.4", 3" voice coil
X-over frequency:	1.2 kHz, 24 dB/octave
Connectors:	4x Speakon NL4, Pin Assignment switch
Housing:	Right and left versions, birch plywood
Angles up:	35°/55° (for monitoring)
Finish:	PU coating, black
Front grille:	Steel with an anticorrosive coating, backed with acoustic foam
Carrying handles:	3x recessed grip
Rigging points:	1x Aeroquip mounting point 10x M10 threaded inserts
Speaker extension pole mount:	HK Audio DuoTilt (- 3°/- 7°)
Weight:	22.8 kg/ 50.3 lbs
Dimensions (W x H x D):	37x 66.8 x 32.3 cm 14-9/16 x 26-19/64 x 12-23/32 "
Accessories:	U-bracket TB-XQ, anchor point AP 10, protective cover, touring flight cases (2x CX 12 and 4x CX 12)
Dimensions (W x H x D)	37 x 67 x 32.5 cm 14-9/16 x 26-19/64 x 12-23/32"
Weight	22.8 kg / 50.3 lbs

Horizontal directivity

Vertical directivity

Frequency response (processed)

Max. SPL (blue= 3% THD, red= 10% THD)

Pictured here is a CX 12 R.

**All filter presets and DXF files can also
be found at www.hkaudio.com**