



MOOSE
www.mooseaudio.com

PROUDLY DEVELOPED AND
MANUFACTURED IN PORTUGAL

CX12A

Coaxial stage monitor
Active version
Class D & DSP



Presentation:

The SOUL stage monitor series delivers a complete sound reinforcement solution to fulfil the highest demands of audio professionals for both fixed installation and rental production markets. The SOUL coaxial monitors are available in 12" and 15" formats equipped with European transducers having the LF element of 4in voice coil combined with the HF 2.8in voice coil matching the curvilinear profile LF cone that provides smooth response within its intended frequency range and the integrated HF compression driver that has been designed to give smooth coherent wave front in the horn entrance in all working frequency range for a surprising performance. Both CX12 and CX15 have their own active version also featuring EU components including a Class D amplifier coupled to a fully programmable DSP. To make it portable and flexible, there is a pole mount in one side and for the passive versions a speakon connector attached to link another monitor. The SOUL series is the perfect solution for sound reinforcement applications such as front of house, floor monitor and distributed systems.

Features:

- Professional coaxial stage monitor
- 2-way active version
- 12" LF (4in) + 2,85" HF vc European transducers
- Class D amp. & DSP
- Universal mains 85-264V AC
- Faithful dynamic response and great range
- Integrated Ø35mm pole mount
- Rugged and durable polyurea coating
- 15mm birch plywood construction

Other pictures:



Side view



Side view



Rear view



Front view





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Technical specifications:

Acoustical

Type	2-way coaxial stage monitor, active
Enclosure design	Bass reflex
Power handling capacity	400W / 80W (AES) 800W / 160W (Program) 1600W (Peak)
Frequency range	85 - 20kHz
Nominal impedance	N/A
Transducer type	12" coaxial EU transducer LF 4in VC + HF 2.87in VC
Dispersion	80° axisymmetrical (conial)
Crossover frequency	Adjustable by programmable DSP 48KHz sampling frequency 24 bit AD/DA converter
SPL max. (1W/1kHz)	124dB @ 1m

Electronics

Amplifier type	Class D
Amplifier output	750W rms, 1500W (peak)
Audio input	XLR/Jack combo connector
Audio output	XLR 3p female
Indicators	Power, signal/preset
Controls	Master level control, 5 selectable presets
AC Mains	Switching power supply 85-264Vac universal mains
AC Mains connector	Neutrik® powerCON, Power-in (blue) / Power-out (grey)
Protections	Over current, short circuit, thermal, DC and HF protections

Physical

Cabinet	15mm birch plywood
Finishing	Rugged and textured polyurea coating
Grille	Custom perforated metal grille w/ acoustic foam
Color	Black or white textured
Hardware	4 rubber feet Ø35mm pole mount cap
Dimensions (WxDxH)	580x540x360mm 22.83x21.26x14.17in
Weight	23Kg 50.7lb

Dimensions:

SOUL
CX12 // CX12A

