

# M15 CX

## COAXIAL REFERENCE STAGE MONITOR

### DESCRIPTION

The M 15 CX is a new reference stage monitor, designed for a perfect reference, representing in a plane frequency response without annoying high frequencies, being really comfortable even under high pressure, thanks to its extremely sensible coaxial transducer, that allows reproduce a band width from 87Hz to 20kHz varying as maximum 3dB in all the spectre. Thanks to features like this also is possible use it as a portable PA system, because of the rugged powder coated steel pole mount installed on the side.

The advantages of the coaxial transducers are the complete absence of feedback and, thanks to the coherent wave front with a perfect dispersion control, a perfect listening in every position. The newly designed 15"+2.85" coaxial transducers guarantee an outstanding audio quality and definition as well as an extremely lightweight of the final system.

A 4" voice coil is responsible for sounds under high power and aluminium wire drives the mid-bass cone with high efficiency and a good extension. The 2.85" dome compression driver, loaded to a 60° conical waveguide, provides a clear vocal output and a perfect high frequency extension, delivering very high headroom before feedback, and focusses coverage only where it's needed, resulting in lower acoustic power on stage.

SPL and frequency response are consistent up to few metres back. The M 15 CX monitor can work under high pressure with no distortion.

The main connections board is equipped in order to configure the stage monitors for any stage situation with XLR Input and Output Link, everything designed and assembled in a cabinet made in Polywood, finished with an extremely resistant paint for an extensive use on the road.

An ergonomic sides handles, integrated with the input panel, is provided for an easier transport.



### SYSTEM APPLICATIONS

Touring or fixed live sound applications.

Live television production.

Single monitor reference covering the needs of all musicians.

### MAIN APPLICATIONS

High power and sonic performance, clarity and precision.

Exceptional rider friendliness.

Tight coverage pattern and exceptional immunity to feedback.



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### ACOUSTICAL SPECIFICATIONS

<b>Frequency response:</b>	87 Hz - 20kHz (± 3dB) 60 Hz - 23 kHz (-10 dB)
<b>Sensitivity (1W/1m)</b>	98 dB SPL
<b>Max SPL (dB@1m):</b>	124 dB // 130 dB peak
<b>Nominal Impedance:</b>	8 Ω
<b>Power Capacity:</b>	400 W AES* // 1600 W peak
<b>Recommended power amplifier:</b>	800 W @ 8 Ohms
<b>Connections:</b>	2 x Speakon
<b>Nominal Beamwidth (500-4kHz):</b>	60° ± 20° @ -6dB points
<b>Material:</b>	15 mm Polywood
<b>Coaxial Transducer:</b>	LF: 1x15" with 4" voice coil woofer HF: 1x2.85" voice coil compression driver
<b>Height/ Width / Depth:</b>	620/ 350/ 610 mm
<b>Weight:</b>	20.5 Kg (45.2 lbs)
<b>Cabinet:</b>	Rough black matte paint
<b>Handless:</b>	2 Sides
<b>Pole mount cap:</b>	Yes
<b>Colour:</b>	Black

