

So much more than excellent sound



CM15

A powerful medium throw speaker with very high SPL and controlled dispersion pattern. The CM15 is ideal for medium to large size venues and can run either as a top box or as a full range box.

Featuring a rotatable horn and 18 flying points - four of which are fully adjustable - the C-Range is an extremely versatile installation speaker allowing for full flexibility in vertical and horizontal positioning.

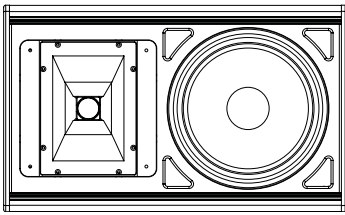
The distinct new CM15 in the C-Range speaker series from MACH powerfully projects every nuance of pure sound in any environment you choose.

Simple to fly

With a unique flexibility in mounting, the innovative CM15 allows complete versatility when setting aim points in the application



Mach
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A Martin Professional Product



CM15

- Powerful medium throw speaker capable of reproducing very high SPL with a controlled dispersion pattern
- Top box holding a powerful 15" woofer and 2" compression driver with a constant coverage horn with low distortion. Can run as a full range box
- Rotatable horn with a 90 x 55 degree dispersion allowing for complete versatility in vertical and horizontal mounting
- Innovative Passive and Active bi-amp solution with secure access to switch and ultra quick change over between modes
- Designed specifically for medium to large size applications

SPECIFICATIONS

Passive mode:

Power rating IEC268:	450 watt
Power rating peak:	1800 watt
Sensitivity 1w/1m:	102 dB
Max SPL, calculated long term:	129 dB
Max SPL, peak:	135 dB
Frequency range +/-3dB:	58 Hz - 20 kHz
Dispersion angle avg:	H 90 x V 55 deg Rotatable Horn
Nominal impedance:	8 ohm
Recommended amplifier:	650 watt in 8 ohm

WEIGHT, MEASUREMENTS AND PHYSICAL SPECIFICATIONS

Dimensions (HxWxD):	83 x 50 x 40.5 cm (32.7 x 19.7 x 15.9 inches)
Net weight:	41.5 kg (91.3 pounds)
Finish:	Black Safe Coat coating with other colors optional
Grille:	2 mm steel with foam backing
Input connectors:	2 x Speakon® NL 4 and barrier strip terminals
Rigging hardware:	Included 3 x Eyebolt part no. 93940002

DRIVE UNITS

Woofer:	15" with 3" voice coil
Nominal impedance:	8 ohm
Power handling AES:	400 watt
Sensitivity 1W/1m:	102 dB
Max SPL, calculated long term:	129 dB
Max SPL, Peak:	135 dB
Recommended amplifier:	650 watt
Recommended High Pass filter:	45 Hz (24 dB/Octave)
Recommended Controller:	Mach M20.06 or M20.02

WHAT IS THE C-RANGE?

- **Powerful output**
- **Innovative adjustable "spider bracket system" for multiple horizontal and vertical flying options**
- **Fast and easy mounting with 18 flying points for complete versatility**
- **Flexible, easy connection in seconds with recessed speakon and barrier strip terminals**
- **3x10 mm Eyebolts included as standard**
- **Trapezoidal cabinet design allows for flexible and discrete fixing**
- **Safe coat scratchproof surface and extruded aluminum profiles give an exceptionally strong and robust cabinet**
- **Fast and easy access to all serviceable parts**



360° of excellence. At every angle the C-Range brings you ergonomics in design and functionality.



The speaker comes black as standard with any RAL code color choice as optional.

Compression driver:	3" diaphragm, 2" throat
Nominal impedance:	16 ohm
Power handling AES:	150 watt
Sensitivity 1W/1m:	110 dB
Max SPL, calculated long term:	132 dB
Max SPL, Peak:	138 dB
Recommended amplifier:	200 watt into 16 ohm

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Mach Speakers A/S • Perspektivvej 2 • 9900 Frederikshavn • Denmark • Tel. +45 72 15 08 52 • Fax +45 98 43 14 15 • www.mach.dk