



CM-3 Features

- 220 mm long throw woofer with shorted turn technology
- 150 mm mid woofer with shorted turn technology and neodymium magnet
- minimum order crossovers with linear phase response
- soft dome 25 mm hf unit with rear chamber and aluminium faceplate
- birch ply construction
- constrained layer damping applied to cabinet panels



CM-4 Features

- 270 mm long throw woofer with shorted turn technology
- 150 mm mid woofer with shorted turn technology and neodymium magnet
- minimum order crossovers with linear phase response
- long throw soft dome 25 mm hf unit with rear chamber and aluminium faceplate
- birch ply construction
- constrained layer damping applied to cabinet panels

Model CM-3 and CM-4 with cherry veneer

Marshall Choong reserves the right to vary products and specifications without prior notice

Marshall Choong define the 3 way range as follows:

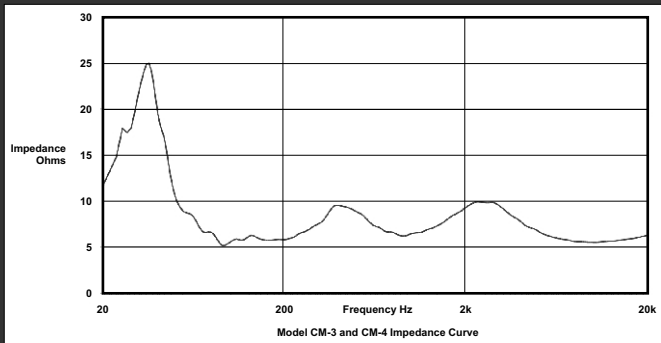
1. Single drivers for each frequency band
2. Low order high quality crossovers
3. Externally plain cabinet design, minimising cost, maximising performance.
4. Accent on carefully matched high quality components
- 5 Emphasis on flat response, low distortion and good dispersion.

The simple 3 way design is without doubt the most cost effective loudspeaker format.

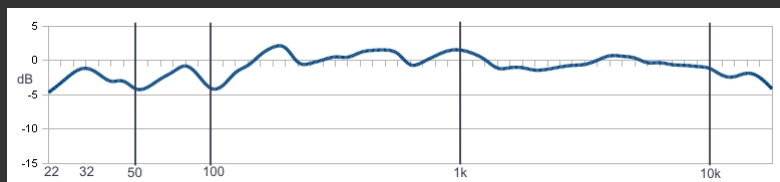
Single bass drivers avoid the interference problems of multiple designs and minimise interactions with room modes and floor reflections.

Overall mid range intermodulation distortion is improved by as much as 6 to 9 dB compared with the best 2 way equivalents. The disturbing audible character of close range intermodulation products in the mid and tweeter ranges, caused by high level bass signals, is efficiently reduced by the addition of a separate bass driver and crossover.

The tweeter is protected by the lower crossover without any degradation of phase performance.



CM-3 and CM-4 Impedance Curve



CM-4 room average response

| | CM-3 Specifications | CM-4 Specifications |
|------------------------------------|--|--|
| Dimensions: | 600 x 300 x 350 mm (height x width x length) | 690 x 350 x 420 mm (height x width x length) |
| Low Frequency Response: | -6 dB at 36 Hz, Q = 0.55 | -6 dB at 29 Hz, Q = 0.65 |
| Sensitivity / Impedance: | 86 dBA , 2.82 v input, nominal 6.5 ohm impedance. | 86 dBA , 2.82 v input, nominal 6.5 ohm impedance. |
| Long Term Power Handling: | 100 - 200 w rms recommended amplifier rating. (IEC 268-5) | 100 - 200 w rms recommended amplifier rating. (IEC 268-5) |
| MC Intermodulation Rating : | -47dB / .45 % unweighted at 90dBA output level 1 m measurement distance. Overall rating, Class B. | -52dB / .25 % unweighted at 90dBA output level 1 m measurement distance. Overall rating, Class A. |
| Connectors: | Screw terminal, combined banana, wire and spade input | Screw terminal, combined banana, wire and spade input |
| Optional Stands: | Matching veneer MC custom sloping stand, 400 mm height constrained layer damped construction | Matching veneer MC custom sloping stand, 300 mm height constrained layer damped construction |
| Weight: | 26 kg | 36 kg |