CM-S54T, CM-S56T, CM-S58T | CM-510ST

CM SERIES

CM-S54T, CM-S56T, CM-S58T
Surface mount loudspeakers

Soft dome tweeter
The newly developed 1-inch soft dome tweeter is the perfect component to deliver short-throw high-definition high frequencies.

Newly developed Vortex Bass Accelerator
Discover warm bass with the newly developed Vortex Bass Accelerator. The bass-reflex port has been constructed with ribs to ensure that air flows without distortion, to maximise low frequencies and eliminate any unwanted vibrations.

Dust and water resistant
The CM-S54T, CM-S56T and CM-S58T are IP54 rated. The tough plastic enclosure and included protective terminal cover enable you to cover every inch of space with sound – even in some outdoor areas.^

Original curved enclosure design
The CM-S speakers fit neatly into the design of any room thanks to their unique shape. Because they're neither square nor round, they always look at home – whether they're mounted on a flat or curved surface.

CM-510ST
Subwoofer

Rich, punchy bass with low distortion
Using the Kelton method^² the CM-510ST filters out unwanted mid- and high-range frequencies and includes our newly developed Vortex Bass Accelerator technology to deliver pure, smooth bass with a quick response.

Flexible 8 ohms impedance
An impedance of 8 ohms gives high and low impedance options. Deploy two subwoofers on a one-amp channel, dropping the impedance to 4 ohms, and create a perfect solution for a single-amp installation.

Compact cabinet with floor and wall mounting options
Even though it produces a large, rich bass sound, the technology inside the CM-510ST is packed into a 50-litre box that saves space and fits discreetly into any location. Useful M8 holes make it easy to position the subwoofer wherever you want. Fix it to the floor, wall or ceiling in the location that best suits the installation and sound coverage.

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CM-S54T CM-S56T CM-S58T CM-510ST

SPECIFICATIONS

Model		CM-S54T	CM-S56T	CM-S58T	CM-510ST
Loudspeaker Type		Two-way passive, reflex-loaded	Two-way passive, reflex-loaded	Two-way passive, reflex-loaded	Kelton method subwoofer
Frequency response (- 10 dB, Typical)		95 Hz - 20 kHz	80 Hz - 20 kHz	53 Hz - 20 kHz	45 Hz - 150 Hz
Sensitivity (1 W / 1 m)		87 dB	88 dB	91 dB	95 dB (half space)
Nominal Impedance		8 Ω	8 Ω	8 Ω	8 Ω
Power Handling (RMS[*1]/Program)		40 W / 80 W	60 W / 120 W	90 W / 180 W	200 W / 400 W
Transformer taps	70 V	30 W / 15 W / 7.5 W / 3.75 W	60 W / 30 W / 15 W / 7.5 W	60 W / 30 W / 15 W / 7.5 W	200 W / 100 W / 50 W / 25 W
	100 V	30 W / 15 W / 7.5 W	60 W / 30 W / 15 W	60 W / 30 W / 15 W	200 W / 100 W / 50 W
Dispersion		120 °H × 120 °V	110 °H × 110 °V	100 °H × 100 °V	-
Maximum SPL[*2]		109 dB (peak)	113 dB (peak)	117 dB (peak)	124 dB (peak, half space)
Driver configuration	LF	4.5" (114 mm) cone	6" (152 mm) cone	8" (200 mm) cone	10" (250 mm) cone
	HF	1" (25 mm) silk dome tweeter	1" (25 mm) silk dome tweeter	1" (25 mm) silk dome tweeter	
Connector		Euroblock (4 pin) × 1 (input: +/-, loop-thru: +/-)	Euroblock (4 pin) × 1 (input: +/-, loop-thru: +/-)	Euroblock (4 pin) × 1 (input: +/-, loop-thru: +/-)	Euroblock (4 pin) × 1 (input: +/-, loop-thru: +/-)
Dimensions (W x H x D)		154.9 x 250.6 x 144.5 mm (6.10" x 9.87" x 5.69")	214.1 x 332.3 x 183.5 mm (8.43" x 13.08" x 7.22")	282.0 x 457.8 x 252.4 mm (11.10" x 18.02" x 9.94")	260.0 x 500.0 x 400.0 mm (10.23" x 19.69" x 15.75")
Weight (1 pc)		3.4 kg / 7.5 lb	5.1 kg / 11.2 lb	7.5 kg / 16.5 lb	17.9 kg / 39.5 lb
Rigging & Hardware		1 × U-bracket 2 × M6 threaded mounting points on rear	1 × U-bracket 2 × M6 threaded mounting points on rear	1 × U-bracket 2 × M6 threaded mounting points on rear	20 × M8 threaded mounting
Grill		Punched aluminium	Punched aluminium	Punched aluminium	n/a
Enclosure		PP	PP	PP	Black: Wood w/ polyurethane paint White: Wood w/water-based paint
Environmental		IP54	IP54	IP54	-
Colour		CM-S54T-W: White CM-S54T-K: Black	CM-S56T-W: White CM-S56T-K: Black	CM-S58T-W: White CM-S58T-K: Black	CM-510ST-K: Black, CM-510ST-W: White

^The CM-S54T, CM-S56T and CM-S58T speakers are IP54 rated. They're suitable for use in outdoor settings; however, they should not be used in areas where they may be subjected to excessive amounts of rain or moisture. | ^2 The Kelton method extracts bass sound from a speaker by acoustically cutting out mid-to-high-range sounds. This is achieved by emitting the sound from a duct in a chassis sealed to the front and back of the unit. | *1 IEC60268-5 | *2 Calculated from the power handling and sensitivity | * Disclaimer: specifications are subject to change. | * Other product, technology and company names, etc. mentioned herein are trademarks or registered trademarks of their respective owners.

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