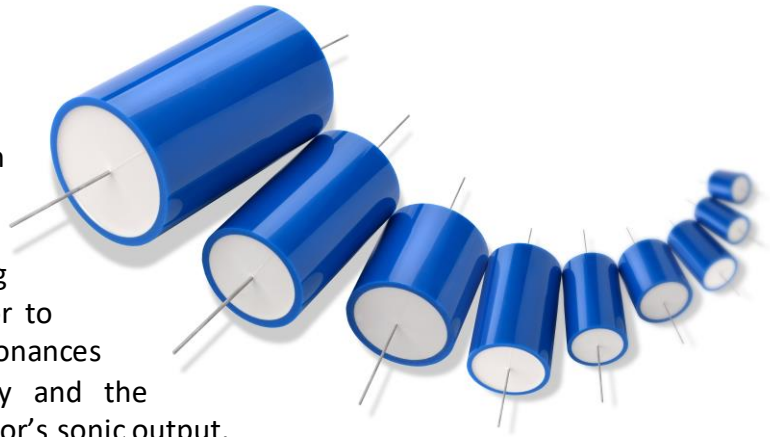


MR Range.

The MR range has been developed as a direct result of the 2-year research programme conducted between ClarityCap and the world-renowned Acoustics Research Centre at the University of Salford.

No stone was left unturned; the research encompassed all the materials used in audio capacitors and any existing performance data together with analysis of manufacturing processes and techniques. The crucial factor to emerge was the effect that mechanical resonances within a capacitor have on sound quality and the importance of reducing or controlling a capacitor's sonic output.

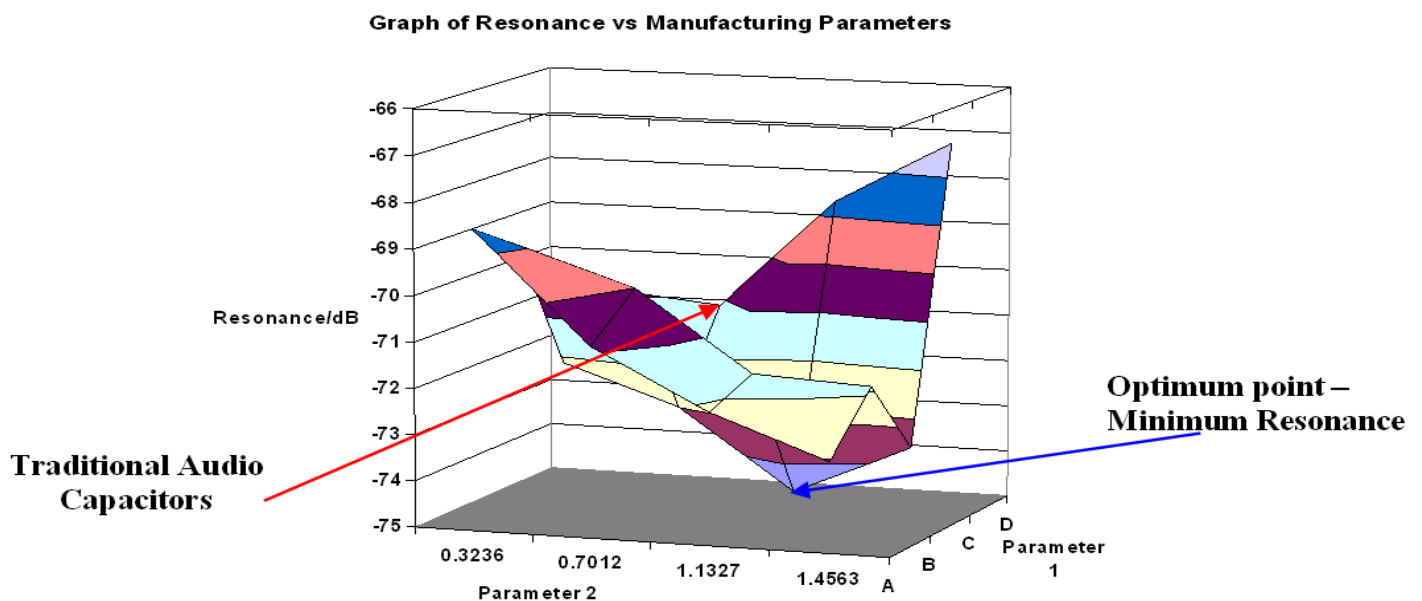


The MR range harnesses all the knowledge gathered throughout the research programme and offers a superior product based upon science and research. In practice the MR range has found acclaim with industry experts, OEM's and audiophiles for its spatiality and excellent separation.

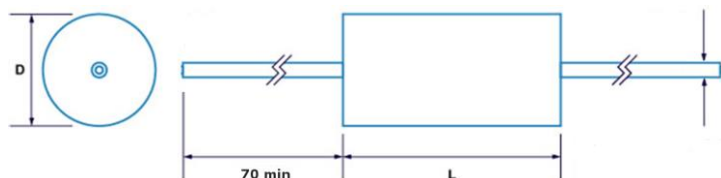
The capacitor employs a non-standard polypropylene film, ultra-pure aluminum metallization and is housed in a coloured acrylic tube, the result of which is a capacitor which virtually eliminates internal sonic resonance. Terminals are hand soldered tinned copper.

A guaranteed 3% tolerance ensures component to component consistency for a balanced system and reproducibility across production runs.

The graph below shows the relative sonic outputs between the SA (Traditional) and MR (Optimum Point) ranges.



Component Outline



Dimensions are shown in mm (max).
Intermediate values are available upon request.

Size Chart

400Vdc			630Vdc		
Cap (nF/μF)	L (mm)	D (mm)	Cap (nF/μF)	L (mm)	D (mm)
330n	40	25	10n	27	25
470n	40	25	15n	27	25
680n	40	25	22n	27	25
820n	40	25	33n	27	25
1μ0	40	25	47n	27	25
2μ2	50	38	47n	27	25
3μ1	50	38	68n	27	25
3μ3	50	38	82n	27	25
3μ9	50	38	100n	27	25
4μ1	50	38	220n	35	25
4μ7	50	38	330n	40	25
5μ6	50	50	470n	40	25
6μ2	50	50	680n	45	25
6μ8	50	50	820n	40	38
8μ2	50	50	1μ0	40	38
10μ	65	50	2μ2	50	38
12μ	65	50	3μ1	65	38
15μ	65	50	3μ3	65	38
16μ	85	50	3μ9	50	50
18μ	85	50	4μ1	50	50
22μ	65	76	4μ7	50	50
27μ	65	76	5μ6	65	50
35μ	65	76	6μ2	65	50
			6μ8	85	50
			8μ2	85	50
			10μ	85	50
			12μ	85	76
			15μ	85	76
			16μ	85	76
			18μ	85	76
			22μ	85	76
			27μ	85	76

Ordering Details

MR 5u6 H 630V

MR	Type	5u6	Capacitance in nF / μF
H	Tolerance (3%)	630V	Rated dc voltage