

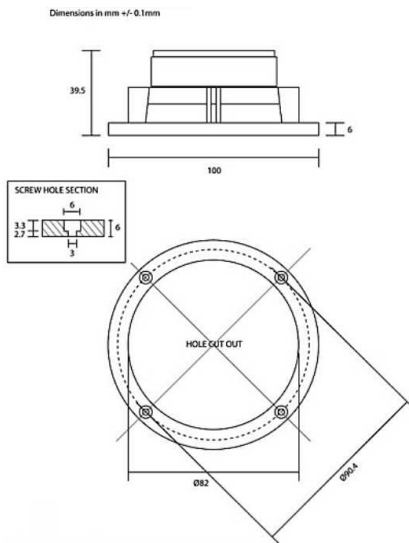


Markaudio Alpair5

We believe the Alpair 5 represents the best of small driver concepts in terms of performance, flexibility and easy use. A major feature of the Alpair 5 is the wide frequency range, providing system designers with total flexibility in crossover and filter designs.



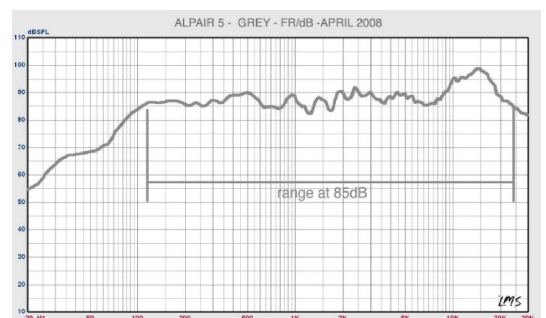
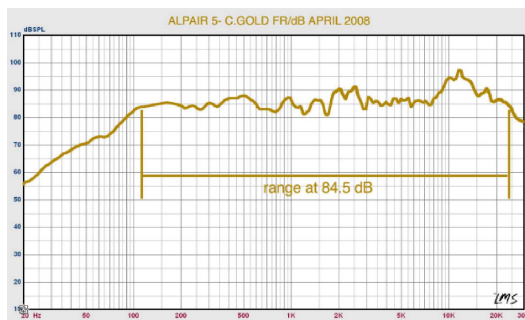
The drivers feature a unique custom designed basket that delivers high rigidity and assists damping and thus helps to absorb vibrations from the moving components. The characteristics of this design produces a resonance neutral tone similar to natural wood, unlike many steel and aluminium baskets which can ring like a bell.



The Alpair's cone and cap are formed from a new grade of compound alloy material sourced directly from Japan, delivering greater stability while maintaining ultra low mass. Also the mass of the coil has been reduced to increase coil-cone sub-assembly linear driving stability, contributing to the overall performance gains. A 4-stage coating and treatment process used to manufacture the cones and caps is a significant advance and further extends control over cone stability. The process also allows us to change the characteristics of the cones and caps by varying the mass and rigidity. The Alpair 5 is available in a choice of colours (Copper-Gold or Gunmetal Grey): The Gun Metal Grey cone and cap finish utilises is our "hard" surface treatment. The result is a driver with a very detailed musical delivery. The middle to high range particularly benefits, percussion and string instruments are vibrant. The copper-gold cone and cap finish uses our "soft" surface treatment. The result is a driver with a very sweet character which retains musical detail.

	Copper-Gold	Gun-Metal Grey
Fs	125 Hz	136 Hz
Re	4.0 Ω	4.0 Ω
Sd	27.3 cm ²	27.3 cm ²
Vas	1.1 litres	0.96 litres
Mms	1.53 g	1.6 g
BL	2.17 TM	2.16 TM
Qms	2.13	2.14
Qes	1.08	1.16
Qts	0.716	0.753
Le	55.17 μH	59.35 μH
SPL (1W, @1m)	84.5 dB	85.0 dB
X-max (1 way)	2.5mm	2.5mm
Power (operated full range)	12 W Max, 6 W rated	12 W Max, 6 W rated

The suspension improves the 'return to rest' position of the cone/coil sub assembly and allows the driver to operate at higher volumes and assist in the control of distortion. The design of the gold plated connectors is an integral part of the driver. This fixes the optimum angle for the wire connection to the coil.



Distribution in Belgium and the Netherlands:

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