

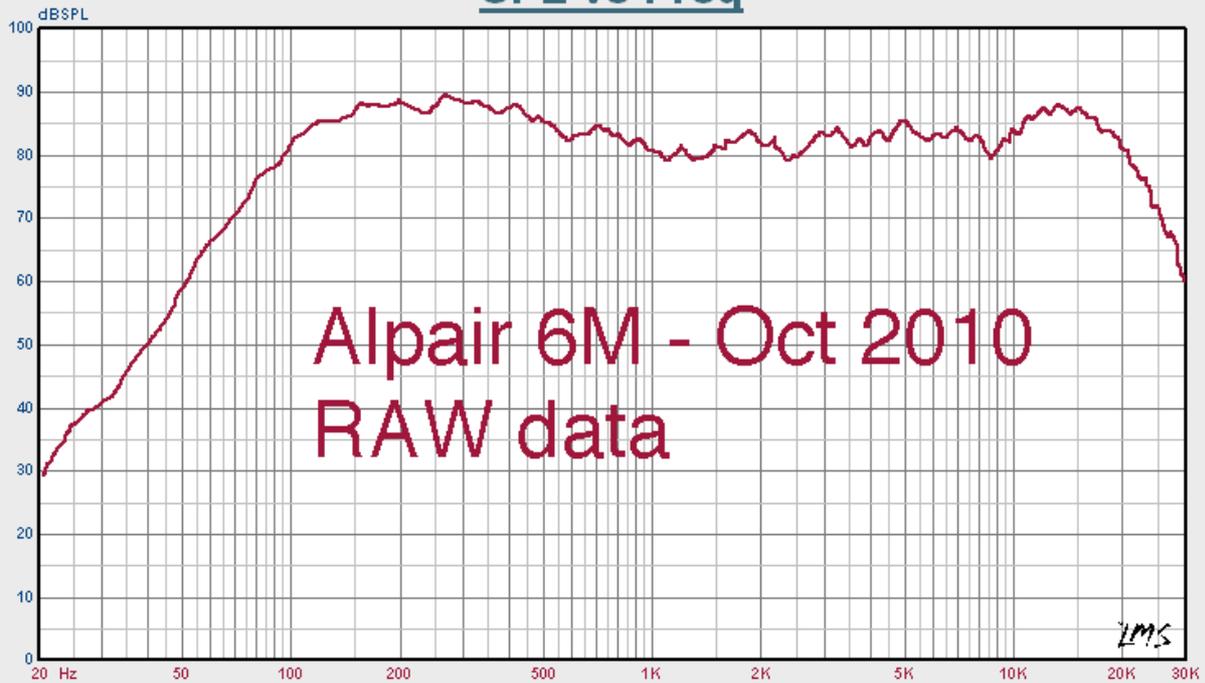
Alpair 6M (metal cone) Generation 2 mini-fullrange emitter



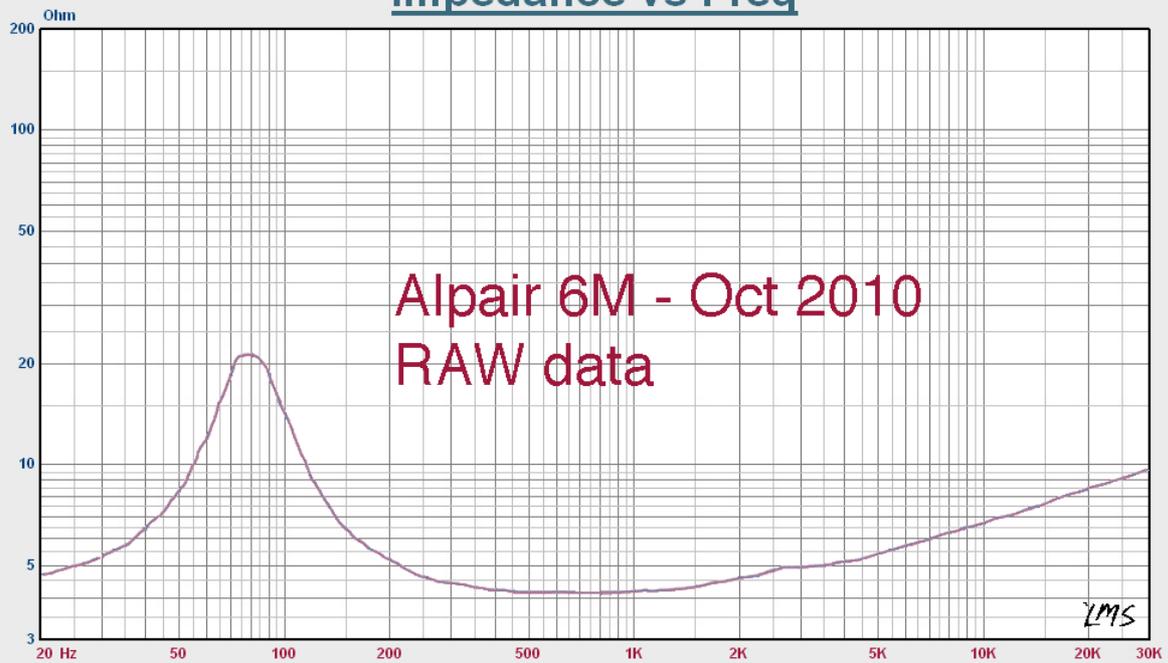
The Alpair 6M is well suited to smaller audio applications, particularly desk-top and near-field uses. The bass-rich warm tone of this driver can act a balance for those installations using compressed or highly processed source music, complements the use of traditional and modern solid state amplification. This new generation 2 model concentrates on refining the musicality of the Alpair 6 heritage.

- * New Multi-form cone design. The cone profile has been modified to improve vocal clarity in the lower/lower mid frequency ranges.
- * New advanced Nomex rear suspension
- * New ultra-light weight copper wound coil
- * New polymer mix for the frame making it 10% stiffer than the Gen. 1 model.
- * New connector sets allow for remote soldering of cables, installation is easy.

SPL vs Freq

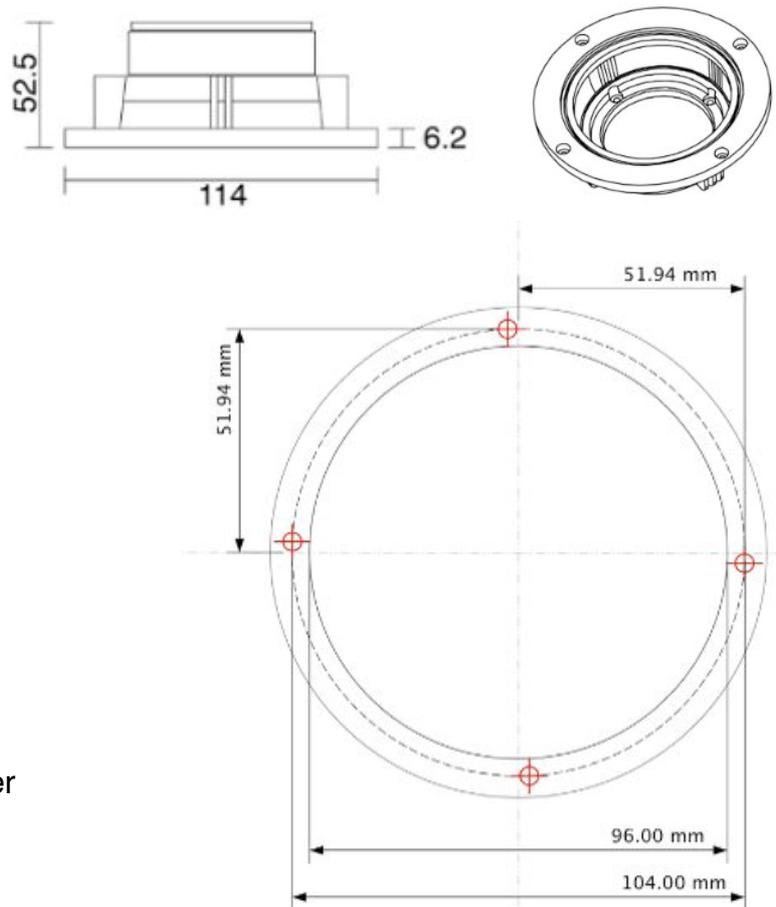


Impedance vs Freq



Alpair 6M parameters:

Driver	4.0	Ohm
Revc	3.60	Ohm
Fo	63	Hz
Sd	36.3	Cm ²
Vas	4.8	Ltr
Cms	2.58	m M/N
Mmd	2.48	g
Mms	2.57	g
BL	2.81	T·M
Qms	2.76	
Qes	0.45	
Qts	0.38	
Levc	128.7	u H
No	0.243	%
SPLo	85.4	dB
Xmax	5 mm (1 way)	
Power	15 watts nom. 30 Max	
Coil	18-mm dia. Alu-copper	



Running in procedure:

This driver is designed to deliver optimum emittance from 150 hours onwards

1 - DON'T USE ANY ARTIFICIALLY GENERATED SOUND!

2 - First 30 hours, use very low volumes. Hours 30 to 100, gradually increase volume but remaining gentle, adding some bass to carefully extend the suspensions.

3 - Remain gentle, sensible use of this driver will yield pleasing acoustic results.

Peak excursion:

The power-train of this driver is capable of moving over 4 litres of air close to its mechanical limit. The power-train of the Alpair 6M has a mechanical X Max (1 way) of 5.6-mm (in flux). This feature is **only designed to handle non-linear "peak-shock" loads**, for example the brief roll of a drum beat. For optimum travel of this power-train, linear loads NOT exceeding 3.1 -mm is within its capability for a single load period **not exceeding 1 hour**. The normal driven load should remain with 2.7-mm. For a driver of this size, this normal load X-max is generous; Together with a well matched cabinet, a pleasing bass response can be generated

General care:

Cleaning can be done by using a soft moist cloth. Take care not to press down on the cone, gently guide the cloth across its surface. NEVER press down on the cone with your fingers. You risk serious distortion of the power-train if you engage in this practice.