

Alpair 10.2

Generation 2 fullrange emitter

Grey cone model



This Alpair 10 is the latest model in a development line designed to extend the performance of mid-sized Markaudio full-range emitters. Measured performance is extended. V_{as} increases from 21 to 28 litres. F_0 is now 36Hz, 4Hz lower than the old model. Total Q increases to 0.33 making this new Alpair 10 usable in larger audio applications.

This driver uses an all-new Multi-form cone design and U cap with a new more efficient profiles giving improved high range performance. Additional features include a new advanced Nomex super-light rear suspension (spider) and a special aluminium rectangle wire wound coil, both reduce the mass of the power-train. The Alpair 10's frame has a new mix of polymers for the frame, making it 10% stiffer than the old model. New connector sets allow for remote soldering of cables, installation is easy.

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T/S date LMS V4 Anechoic:

Revc= 7.200 Ohm

Fo= 35.386 Hz

Sd= 88.250 cm²

Vas= 28.119 Ltr

Cms= 2.543m M/N

Mmd= 7.480 g

Mms= 7.956 g

BL= 5.606 T·M

Qms= 2.530

Qes= 0.41

Qts= 0.35

Levc= 93.626u H

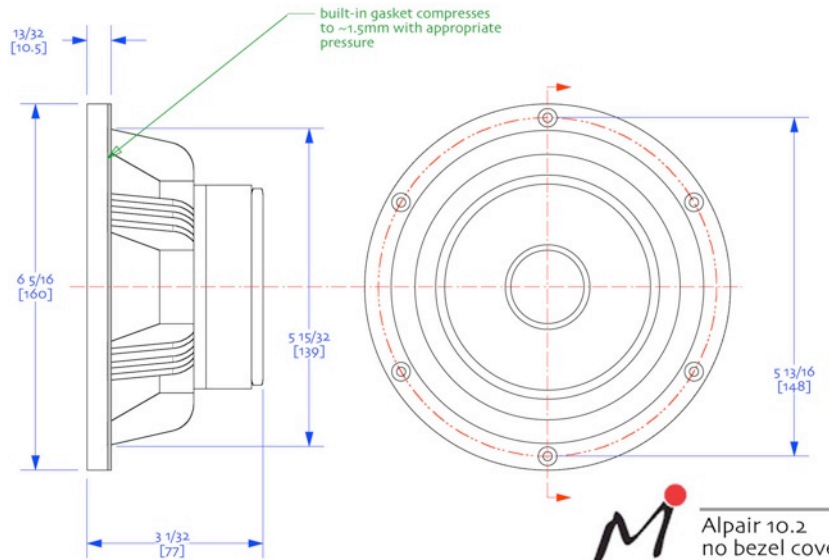
No= 0.297 %

SPLo= 87 dB

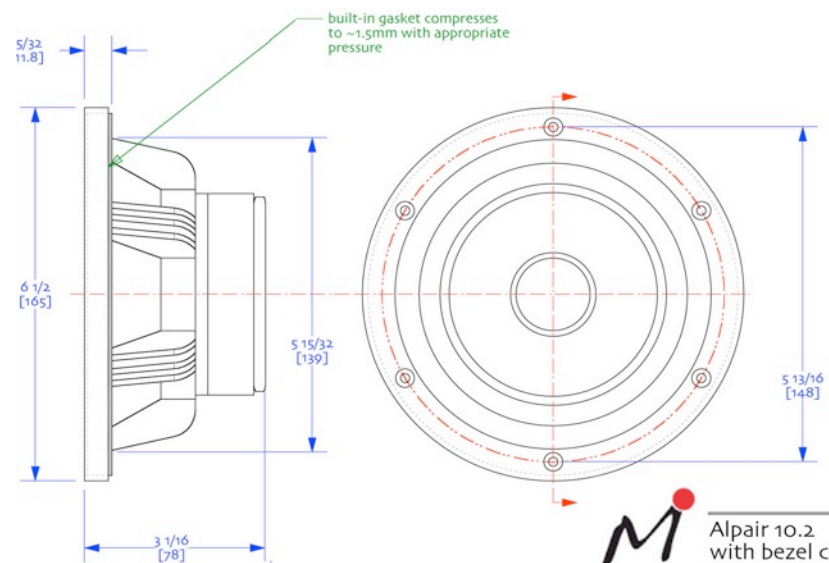
X max= 8.5-mm (1 way)**

Power = 35 watts nom. 70 Max

Coil = 25-mm alu body with rectangle copper winding.



Alpair 10.2
no bezel cover
driver dimensions
drawn by did | 23-june-2011



Alpair 10.2
with bezel cover
driver dimensions
drawn by did | 23-june-2011



