

Alpair 10M Gen.3 (A) Gen. 3 Extended Full-Range emitter Gold cone model



This Alpair 10 Gen.3 is the latest model in a development line designed to extend the performance of mid-sized Markaudio full-range emitters. This generation of Alpair 10 utilises a new ultra thin wall coil. Together with a new modification to its cone, this latest model delivers usable frequency range up to 25-kHz while retaining the “purist” single-cone design,

This driver retains the Multi-form cone technology with a new more efficient profile giving improved high range performance. Additional features include an advanced Nomex super-light rear suspension (spider). The Alpair 10's frame is formed from a new mix of polymers, making it 5% stiffer than the old model. The Gen.3 version houses an “Arrestor” in its magnetic motor sub-assembly, helping to avoid damage from over-load situations.

©markaudio-April 2103-Thin bodied coil-Alpair 10 Gen.3





Alpair 10 Gen.3
 T/S date LMS V4 Anechoic:
 R_{evc}= 7.200 Ohm
 F_o= 38.266 Hz
 S_d= 8.825K mm²
 V_{as}= 26.320 Ltr
 C_{ms}= 2.380m M/N
 M_{md}= 6.792 g
 M_{ms}= 7.269 g
 B_L= 5.772 TM
 Q_{ms}= 1.930
 Q_{es}= 0.378
 Q_{ts}= 0.316
 L_{evc}= 71.379u H
 N_o= 0.378 %
 S_{PLo}= 87.988 dB
 X_{max} = 7.5mm (1 way with Arrestor)
 Power = 30 watts nom.

