

CAMERTON

BINOM-A

Specifications sheet

Binom-A is a unique flat diaphragm broadband emitter. This driver is able to cover the entire hearing range with a very large scattering angle. Its diaphragm made of a special composite, which includes an ultra-light balsa wood and an aerospace beryllium alloy. This design has a very high stiffness while remaining extremely light. A special system ensures uniform transmission of sound energy over the entire surface of the diaphragm. This ensures the complete absence of the 'break-up region' of the latter. High frequencies are thus devoid of sharp directivity. Very high internal loss factor material of the diaphragm provides ultra linear frequency response. Magnetic system based on neodymium magnets. The constant value of magnetic induction in the air gap provides linear movement of the voice coil. The course of the diaphragm dynamics is + -11 mm.



Technical specifications:

Frequency response:	35-28000 Hz	Qms	4,63
Efficiency:	89dB / mW	Qes	0.76
Impedance:	8 Ohm	Qts	0.65
Power handling:	35W nom / 50W mus	Mms	7.7g
Resonance frequency:	48Hz	Rms	0.769 kg/s
THD:	<0.8% (20-20000Hz)	Vas	4.41 l
Conductor material:	Copper C10100	Sd	63.62cm ²
Diaphragm material:	Balsa wood composite	Bl	6.07 Tm
Mass:	2.5 kg	ETA	0.11 %

