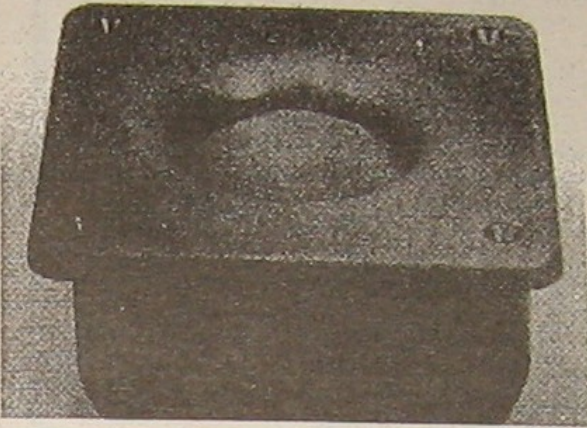


# DOM 12

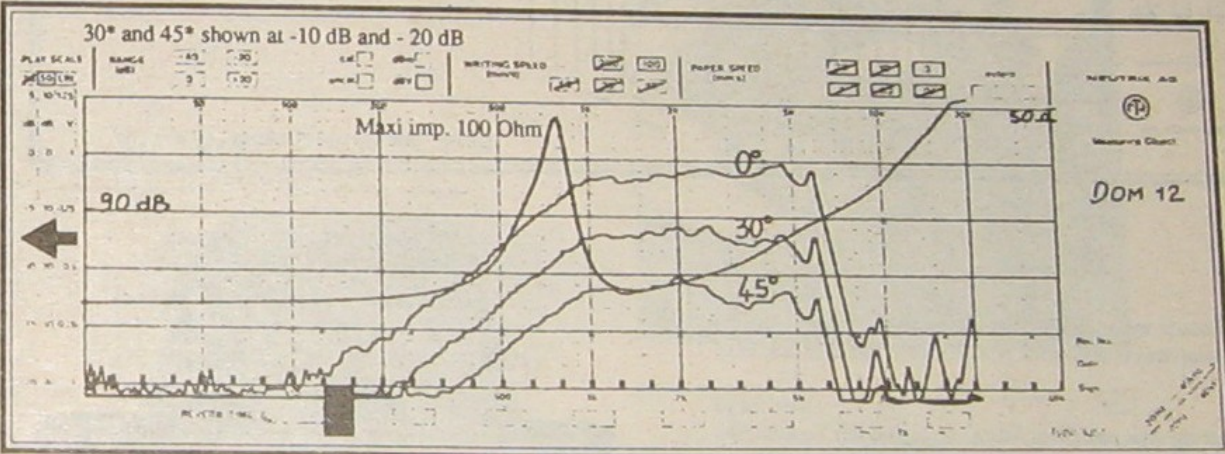


The DOM 12 has been designed to be associated with other Cabasse drive units through simplified crossover. Here as in the other units of this line the crossover is nearly "built in", thanks to a very careful design and engineering.

Large ultra rigid piston-like dome diaphragm protected by acoustically transparent screen. Massive magnet assembly.

The DOM 12 offers outstanding transient response altogether with a very low distortion, and this at very high output.

Again, as it is true in general for any Cabasse unit, keep in mind that this unit will maintain all its musical character either playing at loud or low level. The DOM 12 is a true high dynamic range driver which needs to be pushed very hard to show any sign of strain.



Nominal impedance Z ( Ohm )	16	Force factor BL (N/A)	7.90
Minimum impedance Zmin ( Ohm )	16.5	Acceleration factor Gamma (N/A.Kg)	3,098
DC resistance Rsc ( Ohm )	13.2	Gap volume Ve ( cm3 )	.49
Resonance frequency Fs (Hz)	800	Gap height He ( mm )	6
Suspension compliance Cms ( m/N )		Magnet weight ( g )	290
Mechanical Q factor Qms	9.25	Magnet diameter ( mm )	96
Electrical Q factor Qes	2.078	Magnet height ( mm )	10
Total Q factor Qts	1.89	Net total weight ( g )	1,090
Mechanical resistance Rms ( Kg/s )		dB / W / m ( weighted pink noise )	97
Moving mass Mms ( g )	2.55	Nominal power handling P ( W )	40
Suspension equivalent volume Vas ( l )		Voice coil inductance mH	.4
Emissive cone diameter D ( cm )	6		
Effective piston area Sd ( cm2 )	28		
Voice coil diameter d ( mm )	26		
Voice coil length h ( mm )	6.5		
Voice coil layers	2		
Flux density B ( T )	1.31		
Flux in the gap PHI ( Wb )	.64 10 <sup>-3</sup>		
Magnetic energy W ( W/s )	.335		