

1 inch HI-FI DOME TWEETER LOUDSPEAKERS

TECHNICAL DATA

		version		
		T4	T8	
Rated impedance		4	8	Ω
Voice coil resistance		3,4	6,3	Ω
Resonance frequency		1500		Hz
Power handling capacity, a/b, measured with filter, see Fig. 1				
2000 Hz	12 μ F – 0,35 mH	20/4		W
	8 μ F – 0,5 mH		20/4	W
4000 Hz	5 μ F – 0,2 mH	50/6		W
	3,2 μ F – 0,35 mH		50/6	W
Operating power (sound level 90 dB, 1 m)			3	W
Sweep voltage (500 to 20 000 Hz); filter:				
	12 μ F – 0,35 mH	1,5		V
	8 μ F – 0,5 mH		2,1	V
Energy in air gap			66,78	mJ
Flux density			0,98	T
Air-gap height			2,5	mm
Voice coil height		2,2	2,8	mm
Core diameter			25	mm
Magnet material			ceramic	
diameter			60	mm
mass			0,1	kg
Mass of loudspeaker			0,29	kg

Connection is by 2,8 mm (0,11 inch) tag connectors or by soldering. The loudspeakers AD11400/T. have a textile dome; AD11410/T. have a polycarbonate dome.

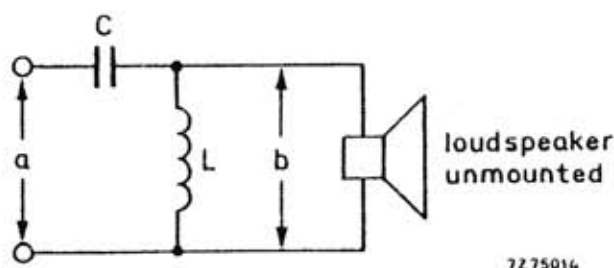


Fig. 1 Measuring circuit.

a = system power handling capacity.

b = loudspeaker power handling capacity.