

Woofer 17 W-75

Advantages

The Dynaudio 17 W-75 woofer is equipped with a large 75 mm voice coil which ensures ability to handle high dynamics and very high power.

Voice coil wire and former both are made of aluminium to reduce the weight of the swinging system which allows very good transient response.

The Dynaudio hexact coil winding technique creates a more rigid and more compact voice coil. This again gives ultimate stability under all circumstances.

The one-piece moulded PP cone has no "dust cap" which procures a very good controlled roll off, allowing 6dB crossover with very fine results. The center-magnet system is largely vented which gives a smooth frequency response with a homogeneous output.



Applications

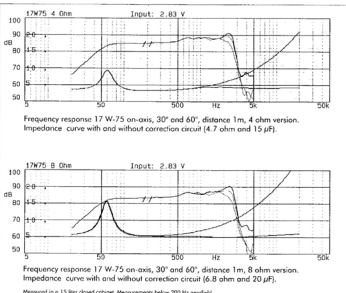
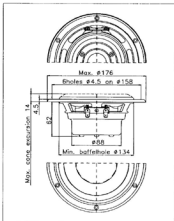
The high power handling unit works best in closed cabinets of 10 to 15 liter volume.

Woofer in 2 way systems or mid woofer in bigger systems. Can be used with 6dB or higher order crossover.

Typical Data

	4 Ohm	8 Ohm
FS	40 Hz	40 Hz
Q _t	0.7	0.8
VAS	22 liter	22 liter

If not indicated otherwise we deliver 8 Ohm version.



Specifications

Thiele-Small Parameter		4 ohm	8 ohm	Voice Coil		4 ohm	8 ohm
Q _m mechanical	Q _m	3	2.8	Diameter	d	75 mm	75 mm
Q _e electrical	Q _e	0.9	1.1	Length	h	11 mm	11 mm
Q _t total	Q _t	0.7	0.8	Layers	n	2	2
Resonance frequency	F _s	40 Hz	40 Hz	Inductance 10 kHz	L _e	0.17 mH	0.23 mH
Maximum impedance	Z _{max}	13 ohm	19 ohm	Nom. impedance	Z _{vc}	4 ohm	8 ohm
Moving mass	M _{ms}	15 g	15 g	DC resistance	R _e	3.0 ohm	5.1 ohm
Force factor	BL	3.5 Tm	4.3 Tm	Sensitivity		2.83 V	see curve
Equiv. volume	V _{as}	22liter	22 liter	Power Handling:			
Effective cone area	S _d	120 cm ²	120 cm ²	Nominal long term	IEC>	130 watts	130 watts
Lin. excursion (p-p)	X _{max}	6 mm	6 mm	Transient	10ms>	1000 W	1000 W
Max. excursion (p-p)		19 mm	19 mm	Net weight		0.9 kgs	0.9 kgs
				Overall dimension		Ø 176 x 70 mm	

Thiele-Small Parameter measured with correction circuit

All specifications subject to change without notice