

## Woofer 17 W-75 XL

### Advantages

This Dynaudio woofer 17 W-75 XL is equipped with the XL magnet system making it suitable for bass reflex constructions.

This special design of the magnet system consists not only of a bigger magnet construction. A special arrangement of two magnet rings is applied avoiding overshootings.

The one-piece moulded PP cone is shaped with a concave middle section, thus giving an extended frequency range.



### Applications

For use in 10 to 15 liter bass reflex or passive radiator systems.

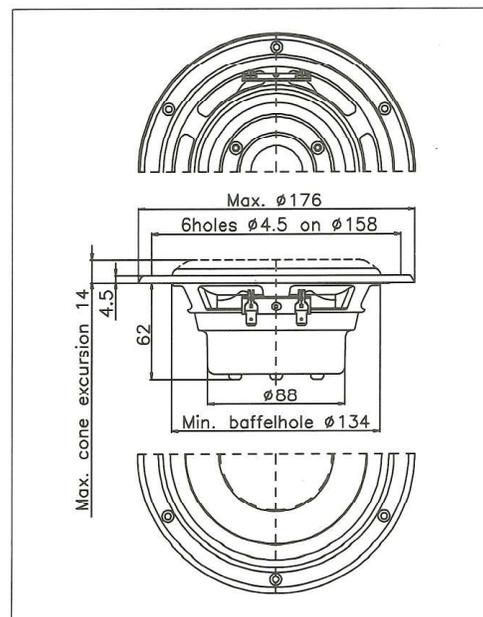
For 2 way systems or mid woofer in bigger constructions.

Can be used with 6dB or higher order crossover.

### Typical Data

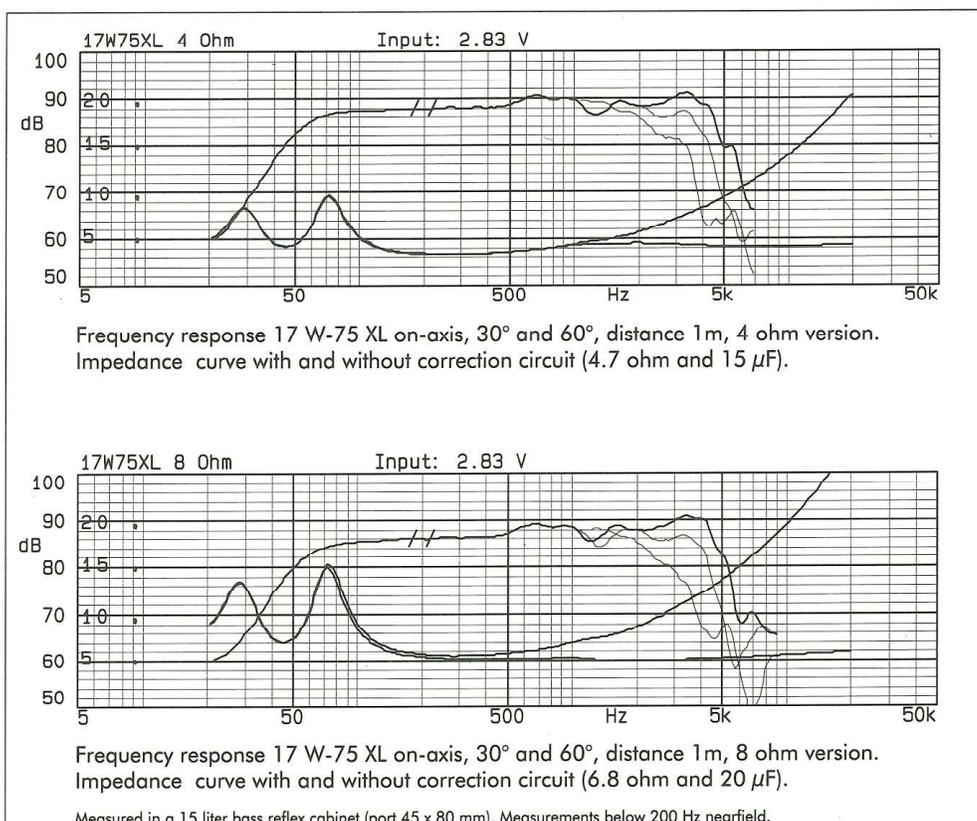
	4 Ohm	8 Ohm
F <sub>s</sub>	40 Hz	40 Hz
Q <sub>t</sub>	0.4	0.5
V <sub>as</sub>	20 liter	20 liter

If not indicated otherwise we deliver 4 Ohm version.



# Woofers 17 W-75 XL

## Measurements



## Specifications

Thiele-Small Parameter <sup>1</sup>		4 ohm	8 ohm	Voice Coil		4 ohm	8 ohm
Q, mechanical	Q <sub>m</sub>	1.9	2	Diameter	d	75 mm	75 mm
Q, electrical	Q <sub>e</sub>	0.5	0.6	Length	h	11 mm	11 mm
Q, total	Q <sub>t</sub>	0.4	0.5	Layers	n	2	2
Resonance frequency	F <sub>s</sub>	40 Hz	40 Hz	Inductance 10 kHz	L <sub>e</sub>	0.17 mH	0.23 mH
Maximum impedance	Z <sub>max</sub>	14 ohm	21 ohm	Nom. impedance	Z <sub>vc</sub>	4 ohm	8 ohm
Moving mass	M <sub>ms</sub>	16 g	16 g	DC resistance	R <sub>e</sub>	3.0 ohm	5.1 ohm
Force factor	BL	4.8 Tm	5.7 Tm	Sensitivity	2.83 V	see curve	see curve
Equiv. volume	V <sub>as</sub>	20 liter	20 liter	Power Handling:			
Effective cone area	S <sub>d</sub>	120 cm <sup>2</sup>	120 cm <sup>2</sup>	Nominal long term	IEC>	130 watts	130 watts
Lin. excursion (p-p)	X <sub>max</sub>	6 mm	6 mm	Transient	10ms>	1000 W	1000 W
Max. excursion (p-p)		19 mm	19 mm	Net weight		1.1 kgs	1.1 kgs
				Overall dimension		Ø 176 x 70 mm	

<sup>1</sup>Thiele-Small Parameter measured with correction circuit.

All specifications subject to change without notice.