



LD25X Low distortion 25mm silk dome tweeter



Features

Benefits

25mm silk dome	Uniformly damped for even response
Cast aluminum face plate	Provides rigid mounting and quality to match performance
Neodymium motor	Shielded with minimum volume
Copper shorting rings	Inductance control for smooth extended response
XBL™	The most linear multigap motor structure
O-ring seal, cell foam gasket, screws and gold plated disconnects	Everything needed for easy installation

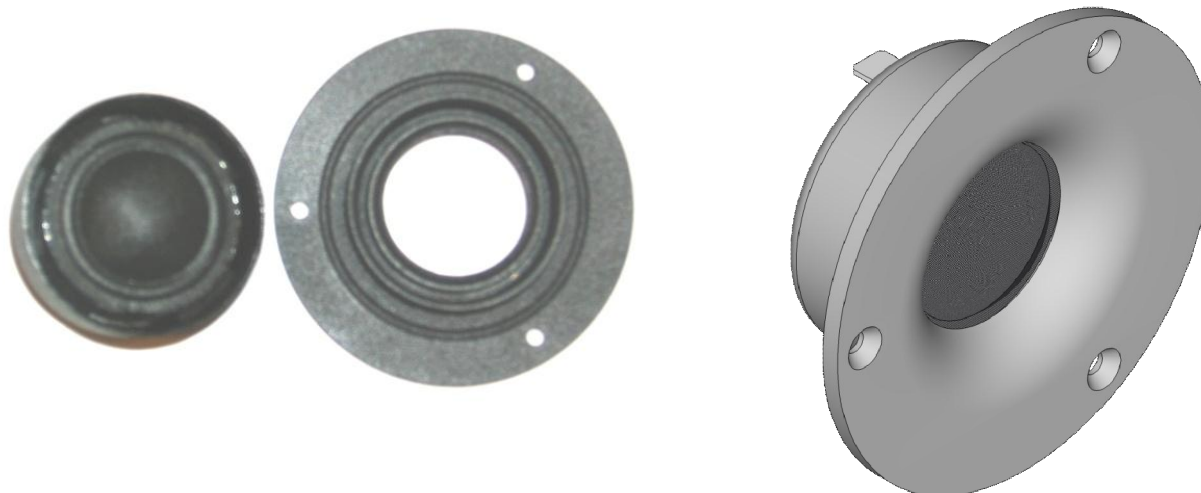
PARAMETERS

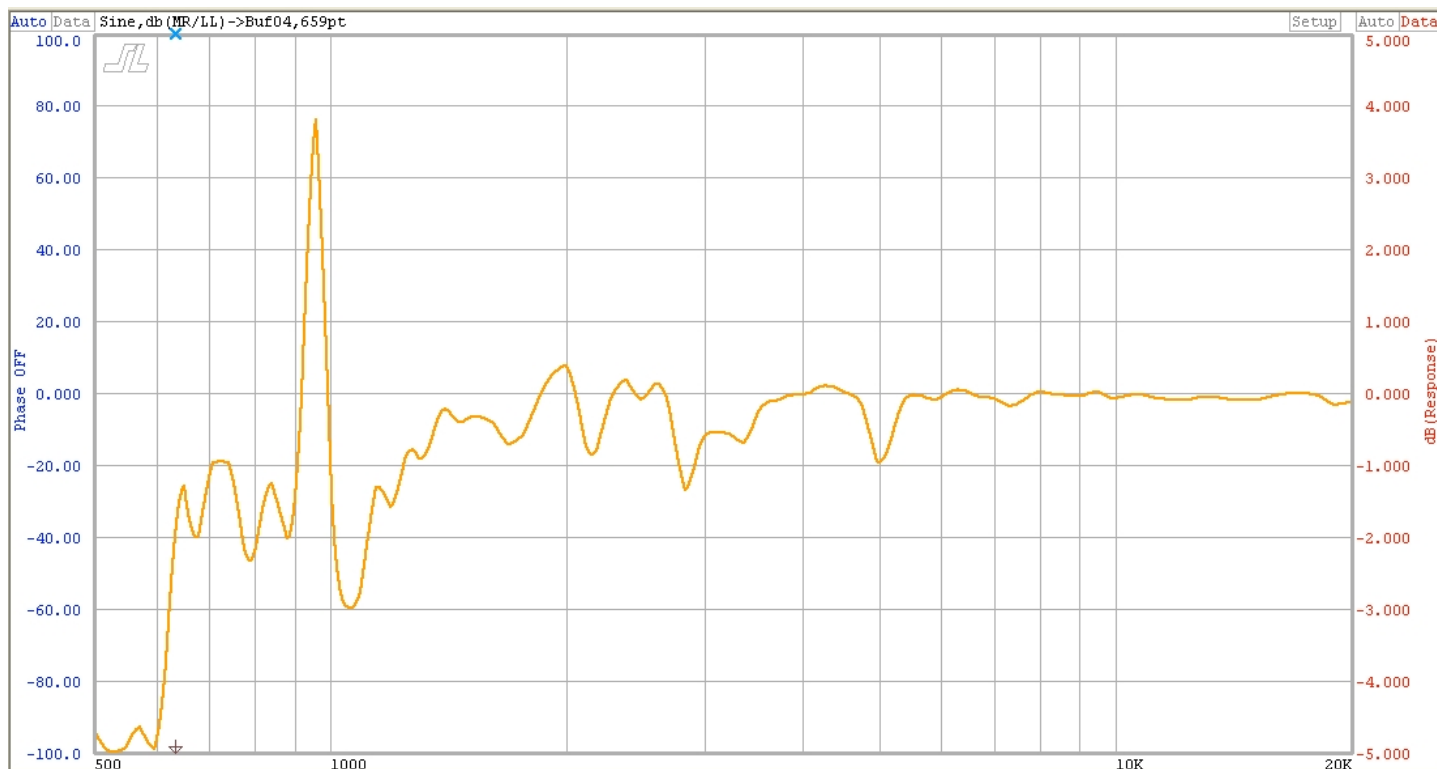
PARAM	VALUE	PARAM	VALUE	PARAM	VALUE
Fs	1000 Hz *	Vas	0.01 liters	Pnom	100W
Qms	2.4	SPL	89 dB @ 1W, 1m	Pmax	150W
Qes	0.85			VCID	25.4mm
Qts	0.63			VC height	1.8mm
BL	2.76 N/A	Znom	8 Ω	VC Layers	2
Rms	0.4	Zmin	7 Ω	Gaps	2 x 1mm
Mms	0.18 grams	Zmax	22 Ω	Xmax (Klippel)	1.85mm
Cms	0.2 mm/N	DCR	6.7 Ω	Xmax (limit)	3.1mm
Sd	5.3 cm ²	Le	0.006 mH	Weight	165 grams

Tweeters sold in pairs will be matched as close as possible.

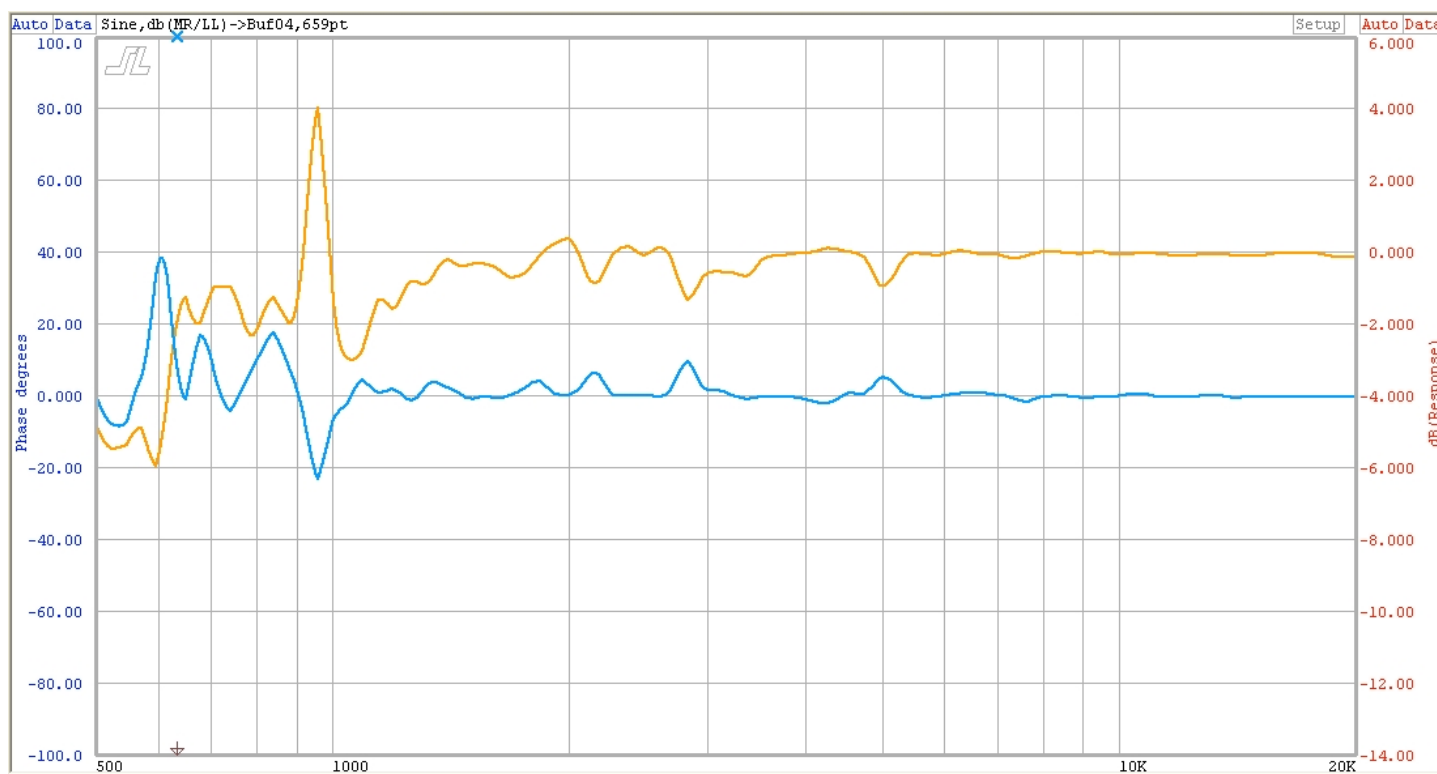
The LD25X is also available with the face plate detached.

*Please note that the unassembled versions have a higher Fs at 1150 Hz.





Here are the Frequency and phase measurements taken on axis using a 12inch by 16 inch baffle at 1 meter and 6 volts output. Note the vertical scale on the right. This tweeter is plus 0.5 db and minus 1db over most of it's range. The spike at 950 hz is a measurement blip. The resolution is 1/12th octave. If we smooth this to 1/3 the customary normal it looks like a flat line.



Now we have both the frequency response and the phase shown. Very flat phase response.

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Dimensions

A	64mm - 2.5"
B	3.6mm - 0.140"
C	56mm - 2.187"
D	75mm - 3"
E	75mm - 3"
F	3mm - 0.118"
G	22mm - 0.866"
H	36.5mm - 1.437"
I	47.5mm - 1.87"

