



**LD25X Low distortion 25mm silk dome tweeter**



**Features**

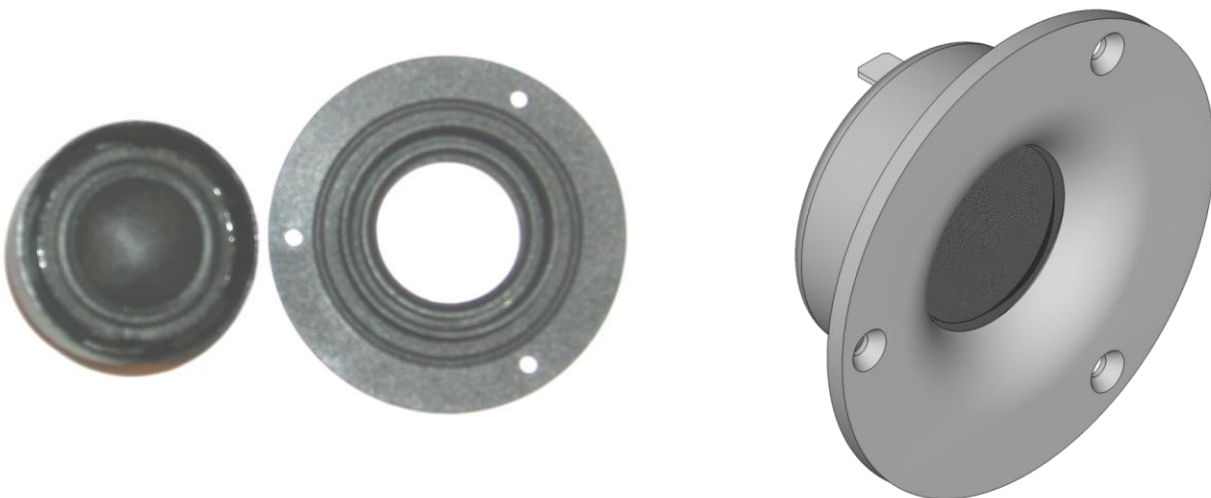
**Benefits**

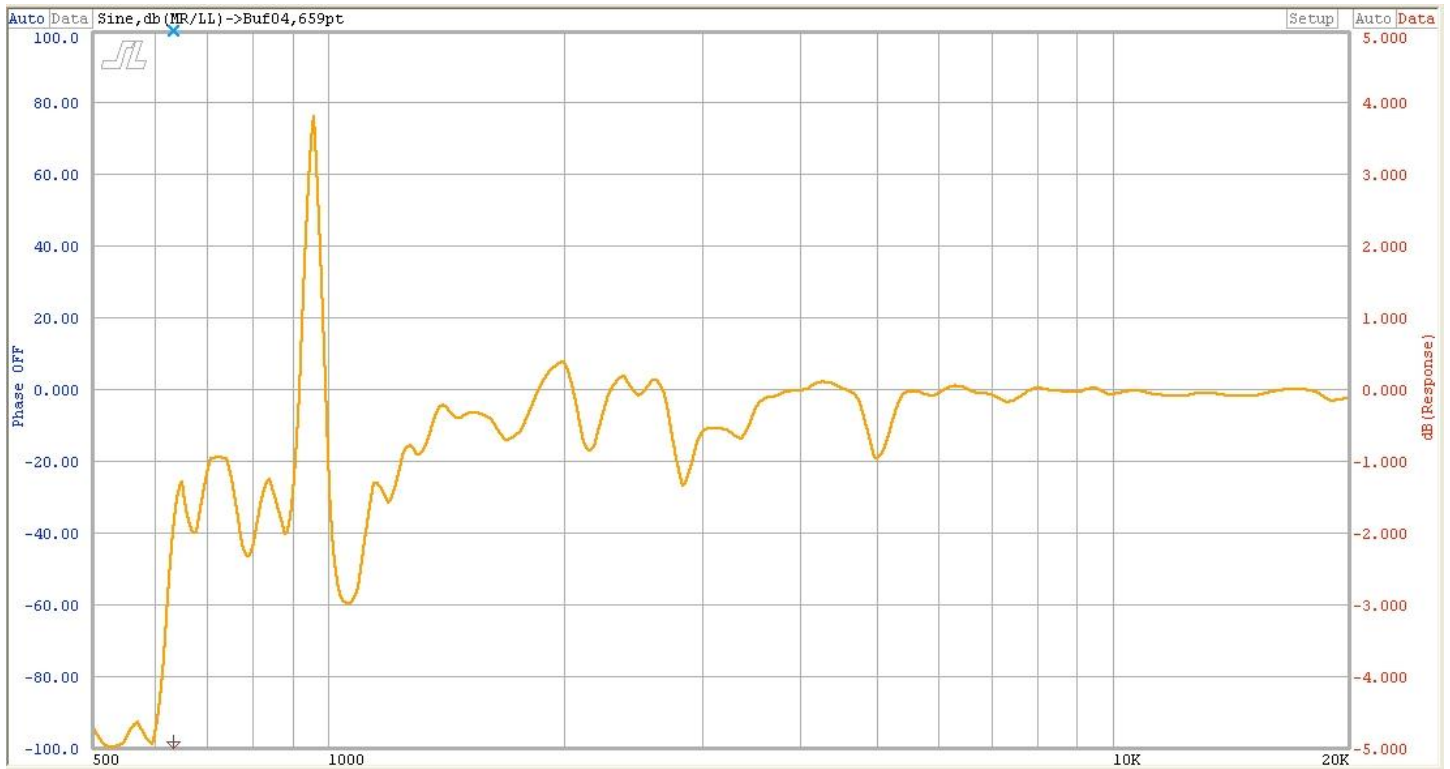
25mm silk dome	Uniformly damped for even response
Cast aluminum face plate	Provides rigid mounting and quality to match performance
Neodymium motor	Shielded with minimum volume
Copper shorting rings	Inductance control for smooth extended response
XBL™	The most linear multigap motor structure
O-ring seal,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

**PARAMETERS**

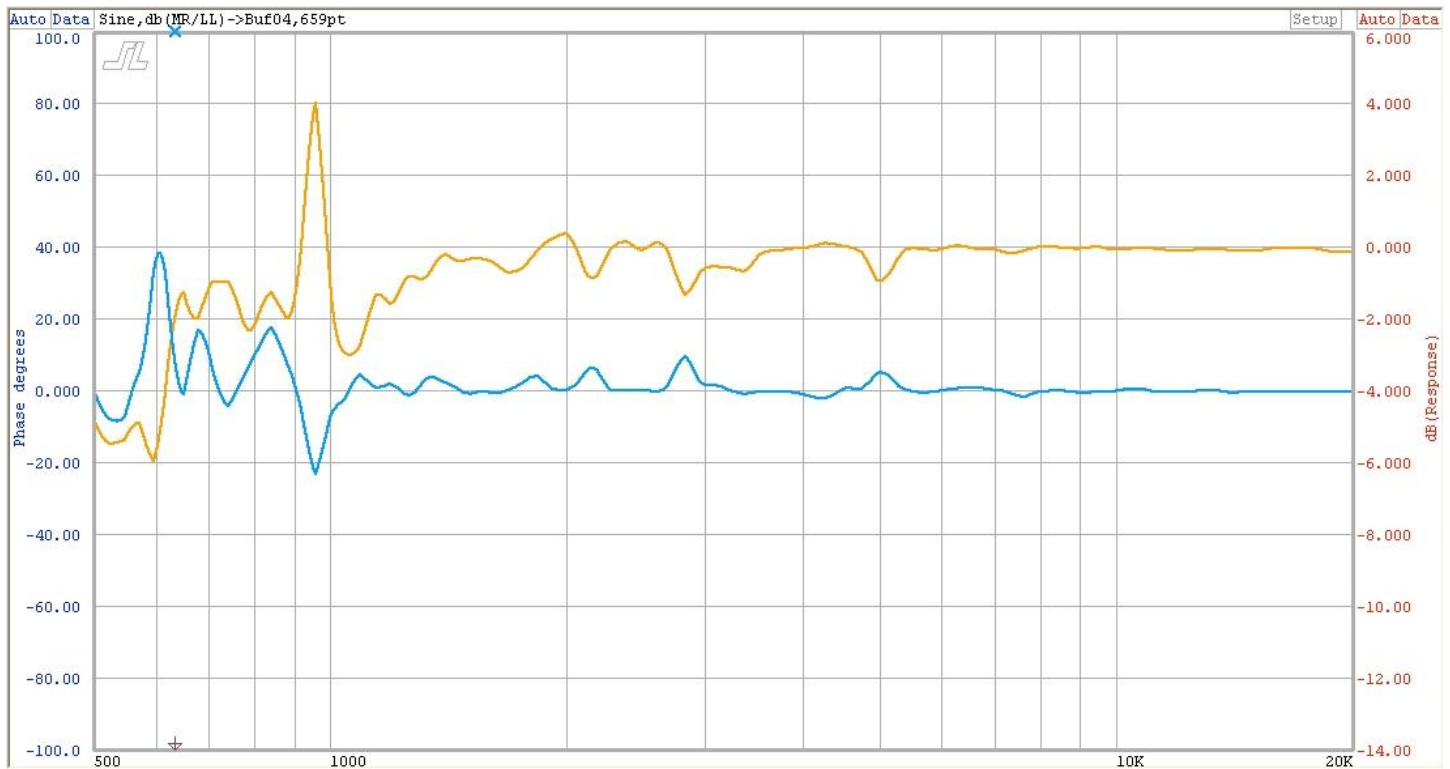
PARAM	VALUE	PARAM	VALUE	PARAM	VALUE
Fs	830 Hz	Vas	0.01 liters	Pnom	100W
Qms	2.4	SPL	89 dB @ 1W, 1m	Pmax	150W
Qes	0.85			VCID	25.4mm
Qts	0.63			VC height	1.8mm
BL	2.76 N/A	Znom	8 Ω	VC Layers	2
Rms	0.4	Zmin	7 Ω	Gaps	2 x 1mm
Mms	0.18 grams	Zmax	22 Ω	Xmax	1.85mm
Cms	0.2 mm/N	DCR	6.7 Ω	Xmax (limit)	3.1mm
Sd	5.3 cm <sup>2</sup>	Le	0.006 mH	Weight	165 grams

The LD25X is also available with the face plate detached.

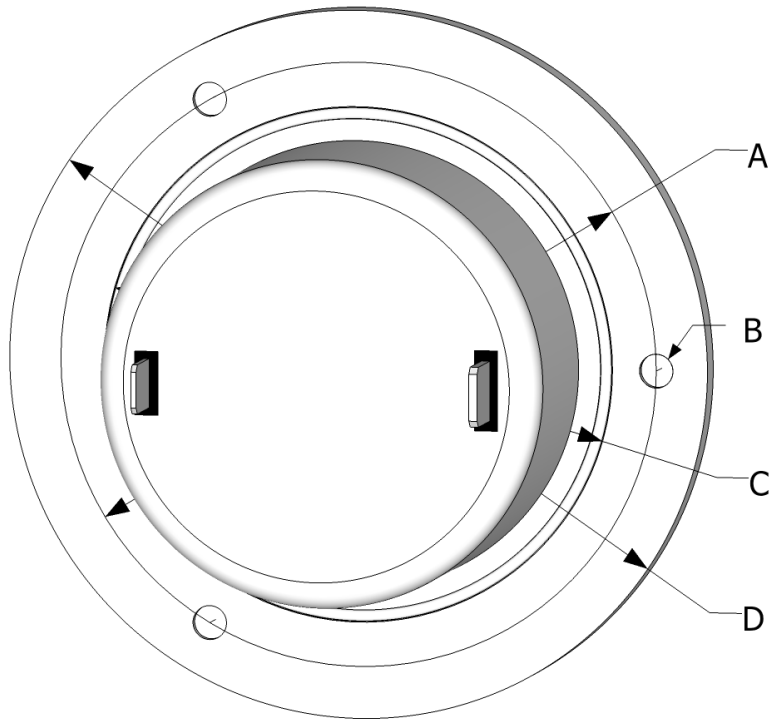




Here are the Frequency and phase measurements taken on axis using a 12 inch by 16 inch baffle at 1 meter and 6 volts output. Note the vertical scale on the right. The LD25X is plus 0.5 db and minus 1db over most of it's range. The spike at 950 hz is a measurement blip. The resolution is 1/12<sup>th</sup> octave. If we smooth this to 1/3 the customary normal industry standard it looks like a flat line. We felt that showing true 1/12<sup>th</sup> octave response was more revealing.



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



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"

