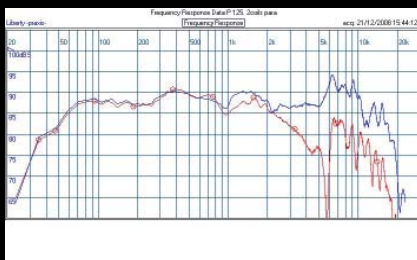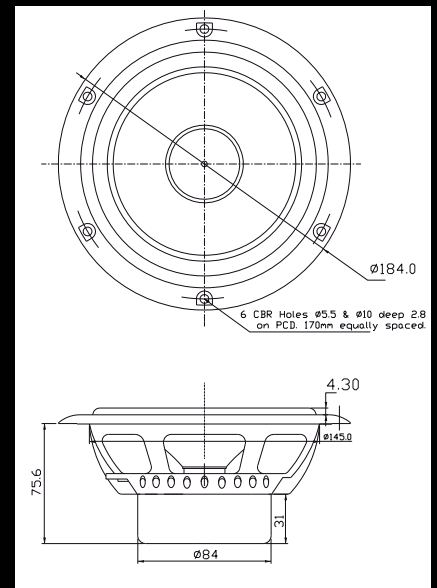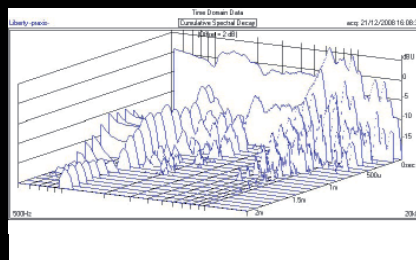# JORDAN JX125NG. (Higher Fs version ca 40Hz)

This is the smaller brother of the amazing JX150NG, but nevertheless a stunning performer spanning from 40 to 10 kHz making it a good match for the JXR6HD in a 2 way system. One thing that sets this woofer apart is the unique chassis, made from acoustically dead composite.

The new dual voice coil assembly makes it possible for you to match it to any preferred cabinet solution.

The dual voice coil also makes the driver very suitable in a line array in various combinations. Just like the JX92S, this driver will blow you away with its crisp and natural bass performance, making it sound like a much bigger driver. We recommend using two units in parallel (16 and 16Ohm), then by shorting second coil with a 1-6 Ohm resistor, Q can be controlled and adjusted (drops to almost half), or why not try a tall linear array with 8 units in parallel (32/8= 4Ohm)

Frequency

Waterfall

Measures

T/S Parameters, 1 coil 16ohm, 3,63V		
Qts =	0.82	Total Q
Qes =	1.089	Electrical Q
Qms =	3,2	Mechanical Q
Fs =	40 Hz	Free Air Resonance
Res =	12 Ohms	DC resistance
Ls =	730 uH	series inductance
Lp =	420 uH	lossy series inductance
Rp =	Ohms	loss across Lp
Dia =	130 m m.	effective
(%shift)	32.2 %	resonance with box
Vas =	30 liters	air volume equivalent
mms =	14 gr.	effective mass
cms =	1144m m/N	compliance
bl =	6,22 T*m	motor strength
n0 =	%	max efficiency
SplSens =	83 dBSPL	max @1W absorbed
(Box Volume)		
X-max	+/- 5	mm. p-p

T/S Parameters, 2 coils parallel 8ohm, 3,63V		
Qts =	0.46	Total Q
Qes =	0.534	Electrical Q
Qms =	3,245	Mechanical Q
Fs =	40 Hertz	Free Air Resonance
Res =	6 Ohms	DC resistance
Ls =	412uH	series inductance
Lp =	732uH	lossy series inductance
Rp =	Ohms	loss across Lp
Dia =	130m meters	effective
(%shift)	33.4 %	resonance with box
Vas =	30 liters	air volume equivalent
mms =	14 grams	effective mass
cms =	1157m m/N	compliance
bl =	6,23 T*m	motor strength
n0 =	%	max efficiency
SplSens =	88 dBSPL	max @1W absorbed
(Box Volume)		
X-max	+/- 5	mm. p-p

Thiele/Small Parameters, 2 coils series 32ohm 3,63V		
Qts =	0.484	Total Q
Qes =	0.525	Electrical Q
Qms =	3,111	Mechanical Q
Fs =	40 Hertz	Free Air Resonance
Res =	24 Ohms	DC resistance
Ls =	1,650mH	series inductance
Lp =	3,003mH	lossy series inductance
Rp =	Ohms	loss across Lp
Dia =	130m.m.	effective
(%shift)	32.4 %	resonance with box
Vas =	31 litres	air volume equivalent
mms =	14 grams	effective mass
cms =	1182 m m/N	compliance
bl =	12,48 T*m	motor strength
n0 =	%	max efficiency
SplSens =	83 dBSPL	max @1W absorbed
(Box Volume)		
X-max	+/- 5	mm. p-p