

E Jordan

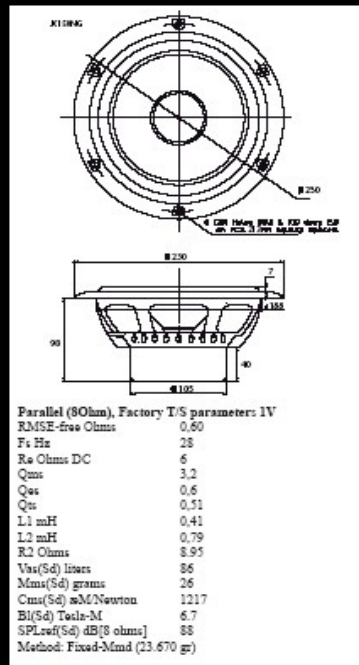


JORDAN JX150NG.

At last, the Jordan bass units are back and updated! This is the big brother of the amazing JX125NG, a stunning performer spanning from 25 to 8 kHz making it a good match for the JXR6HD in a 2 way system. We dare to say that this is most likely one of the best wideband 8" units on the market. One thing that sets this woofer apart is the unique chassis, made from acoustically dead composite.

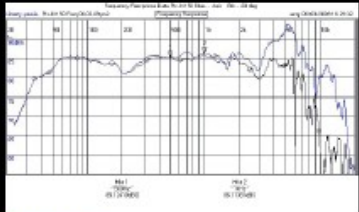
The new dual voice coil assembly makes it possible for you to match it to any preferred cabinet solution.

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.

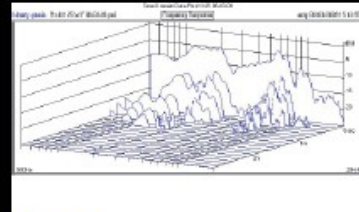


Parallel (80hm), Factory T/S parameters: 1V

RMSF-free Ohms	0.80
Fs Hz	28
Re Ohms DC	6
Qms	3.2
Qes	0.6
Qts	0.51
L1 mH	0.41
L2 mH	0.79
R2 Ohms	8.95
Vas(Sd) liters	86
Mms(Sd) grams	26
Cms(Sd) mN/Newton	1217
Bl(Sd) Tesla-M	6.7
SPLref(Sd) dB[S ohms]	88
Method: Fixed-Mmd (23.670 gr)	



Frequency



Waterfall

Parameters

Note, measures can vary with methods and conditions being used. Below are parameters under conditions which more resembles how a driver will be used and with a higher voltage. Those of you who are interested can read more about this in Ted Jordan's article "The parameter game" which can be found on www.eadsweden.com under FAQ.

Thiele/Small Parameters, 1 coil (16 ohm)

Qts =	0.76	Total Q
Qes =	1.1	Electrical Q
Qms =	2.3	Mechanical Q
Fs =	26 Hz	Free Air Resonance
Ras =	12.5 Ohms	DC resistance
Le =	960 uH	series inductance
Lp =	440 uH	lossy series inductance
Rp =	2.2 Ohms	loss across Lp
Dia =	170 mm	effective
(%shift)	52 %	resonance with box
Vas =	112 liters	air volume equivalent
mms =	25 gr.	effective mass
cms =	1.6 m/N	compliance
bl =	6.6 T*m	motor strength
u0 =	163 m %	max efficiency
SplSens =	84 dB SPL	max @ 1W absorbed
(Box Volume)	31 liters	
X-max	+/-	mm. p-p

T/S Parameters, 2 coils: parallel (80hm) 3V. Swp 40ccs

Qts =	0.55	Total Q
Qes =	0.7	Electrical Q
Qms =	2.5	Mechanical Q
Fs =	26 Hertz	Free Air Resonance
Ras =	7 Ohms	DC resistance
Le =	474 uH	series inductance
Lp =	585 uH	lossy series inductance
Rp =	9.3 Ohms	loss across Lp
Dia =	170mm	effective
(%shift)	54 %	resonance with box
Vas =	111 liters	air volume equivalent
mms =	26 grams	effective mass
cms =	1.5m m/N	compliance
bl =	6.4 T*m	motor strength
u0 =	243m %	max efficiency
SplSens =	86 dB SPL	max @ 1W absorbed
(Box Volume)	31 liters	
X-max	+/-	mm. p-p
Power 60W cont. 100W Max.		In music

Thiele/Small Parameters, 2 coils: series (32 Ohms)

Qts =	0.45	Total Q
Qes =	0.55	Electrical Q
Qms =	2.4	Mechanical Q
Fs =	26 Hertz	Free Air Resonance
Ras =	25 Ohms	DC resistance
Le =	3.5 uH	series inductance
Lp =	2.0 uH	lossy series inductance
Rp =	8.5 Ohms	loss across Lp
Dia =	170 mm.	effective
(%shift)	53 %	resonance with box
Vas =	114 liters	air volume equivalent
mms =	24 grams	effective mass
cms =	1.6 m/N	compliance
bl =	13.3 T*m	motor strength
u0 =	340 m %	max efficiency
SplSens =	87 dB SPL	max @ 1W absorbed
(Box Volume)	31 liters	
X-max	+/-	mm. p-p

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