
Subject: Jordan Drivers

Posted by [Manualblock](#) on Fri, 28 Jul 2006 13:57:21 GMT

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Pete Millet likes his drivers; anyone have any experience with 'em? I know they are inefficient and small but it looks like many people like the sound very much.

Subject: Re: Jordan Drivers

Posted by [Jim Griffin](#) on Sat, 29 Jul 2006 01:19:04 GMT

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I have lots of experience with the Jordan JX92S driver. It is a very nice driver with excellent smoothness and good extension into both bass and treble areas. You say low efficiency but it does have a rated sensitivity of 88 dB SPL 1 w/m. The free air resonance is 45 Hz which is exceptional. The Xmax (one direction) is 4.5 mm while the rated power handling is 50 watts rms or 100 watts music power. The JX92S can be designed into vented, sealed and transmission line enclosures with good success in all boxes. I've used the JX92S in a vented (or sealed) 0.25 cubic foot box for my mini-monitors. This design has a measured F3 point of 55 Hz which is excellent for such a small driver. In a 48" JX92S MLTL design the F3 bass extends below 40 Hz. For example, compared to similar size Fostex drivers (I'll use the Fostex FE108E, FE127E and the JX92S in order) in the comparison below.

Parameter	Fostex FE108E	Fostex FE127E	JX92S
Bass extension	0.28 mm	0.67 mm	4.5 mm
Power handling	8 w	15 w	50 w
Sensitivity	90 dB	91 dB	88 dB SPL 1w/1m

Smoother frequency response (just look at the manufacturer's curves for an idea) More adaptability to various boxes What is not to like about a driver that can cover a wide range--including bass and treble extension on its own--with excellent response and other factors? The Jordan JX92S kicks the backside of other full range drivers of comparable size. Jim

Subject: Re: Jordan Drivers

Posted by [Manualblock](#) on Sat, 29 Jul 2006 12:04:58 GMT

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Thanks Jim. I gather you like the sound of the driver over the Fostex units?

Subject: Re: Jordan Drivers

Posted by [Jim Griffin](#) on Sat, 29 Jul 2006 12:23:20 GMT

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Yes. The Jordans sound very nice and I can listen to them for hours. Many of the Fostex implementations that I have heard sound edgy (likely overdriven) to me. To me the Fostex's typically low Xmax limit them for rock music and such. Many need a well designed back horn for any hope of success.

Subject: Re: Jordan Drivers
Posted by [Manualblock](#) on Sun, 30 Jul 2006 12:32:47 GMT
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So you feel that a reflex cab works with the Jordans Then?

Subject: Re: Jordan Drivers
Posted by [Jim Griffin](#) on Sun, 30 Jul 2006 20:11:34 GMT
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In my original response to this your opening post I said: "The JX92S can be designed into vented, sealed and transmission line enclosures with good success in all boxes." Jim

Subject: Re: Jordan Drivers
Posted by [Manualblock](#) on Sun, 30 Jul 2006 23:23:01 GMT
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Absolutely; Thanks. Lost track there for a second.

Subject: Re: Jordan Drivers
Posted by [GTF](#) on Mon, 07 Aug 2006 19:39:13 GMT
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I have a pair of Carolina Audio JSM's which use the Jordan JX92S driver in a transmission line enclosure. I also have a pair of Carolina Audio 7S transmission line subs. To bad Jordan doesn't make that driver any longer. These are the most detailed realisting soundings speakers if heard. The amount of bass detail present from these subs is Astonishing. You can't know what your missing until you hear it. I'm not talking about boom, boom, thud as most speakers are today. They can play the detail of the individual bass note like most people don't even know is there. I ROTFLMAO when

I read about "audiophiles" claiming there is noneed for speakers which can play below 40 hz.
LOLPoor guys.GTF

Subject: Re: Jordan Drivers
Posted by [Duke](#) on Sun, 27 Aug 2006 05:51:39 GMT
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While I use Fostex drivers in one of my designs, in general I agree with Jim's comments here.I get around the limitations he mentions in the FE206E by using a notch filter to smooth out the treble emphasis and by rolling off the bass below 120 Hz or so. I use a separate woofer section for the bottom end. Still, I wouldn't mind having a bit more x-max available from the Fostex. That being said, I do like their efficiency and liveliness.Sounds like the Jordans are very refined drivers. Maybe one of these days I'll have to try a pair.Duke
