Subject: looking for ideas for 2118H
Posted by Matts on Wed, 16 Sep 2009 05:04:34 GMT
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Hi, I was the lucky winner of a single NOS JBL 2118H 8" driver, with these basic specs:
200 W continuous program power capacity
51 mm (2 in) copper voice coil
70 Hz-7 kHz response
97 dB sensitivity, 1 W, 1 m

The 70hz is based on a 0.5 cu.ft. ported box. It has 'Symmetrical Field Geometry', but no shorting ring. Anyone have any suggestions for using a single one of these? I'm assuming it would be close to Pi one material... I don't have a home theater now, but I guess it would make a wonderful center channel. I also have a single 2226J in the basement... I have set system, w/ very nice Pi 4's already, so I don't need it for that.
Any ideas?

Subject: Re: looking for ideas for 2118H
Posted by Wayne Parham on Thu, 17 Sep 2009 02:13:10 GMT
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I was sad to see it be dropped from the line. Perhaps the 2118 will work for you too.

Subject: Re: looking for ideas for 2118H
Posted by Matts on Thu, 17 Sep 2009 20:07:10 GMT
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Thanks. I might try it in a Pi One-style cab and see how it sounds. I still have a pair under construction. It's hard to tell how similar the 2118 is to the 2115 because the specs are from different eras! The 2115 specs I found were prior to T-S became common. Looking on the www, it seems these are very popular in car audio. I might try it with a guitar amp. I'll keep an eye out for another one, in the meantime.

Subject: Re: looking for ideas for 2118H
Posted by Wayne Parham on Fri, 18 Sep 2009 00:59:27 GMT
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You're right that the spec sheet doesn't show T/S values. I don't recall if I got them from someone at JBL or measured them myself but I do remember it worked well in a pretty small box. Here are

the T/S parameters and the spec sheet for the JBL 2115:

Vas 1.2ft3
Fts 55Hz
Qts 0.47
Qes 0.54
Qms 4.0

Subject: Re: looking for ideas for 2118H
Posted by Norris Wilson on Wed, 07 Oct 2009 14:31:47 GMT
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Hi Matts

Here are some JBL 2118H parameters compiled by Drew Daniels.

It looks as if it needs to go in .5 cu ft box, vented or sealed.

I hope this helps.

NW

FS 85Hz
Qts .35
VAS .5 cu ft
Xmax .12 in
Qes .4
Qms 2.4
Re 5.5 ohms
Le .6 mH
BL 11
Mms 17 grams
DB 95.4 1w/1m
Cone diameter 6.5 in
B4 tuning .4 cu ft
FB 91.8 Hz
F3 96.1Hz

Subject: Re: looking for ideas for 2118H
Posted by Matts on Tue, 13 Oct 2009 13:20:50 GMT
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thanks- that is very helpful. So far it's in the box and I'm trying to find a mate for it on ebay or somewhere.