
Subject: Re: Pi 3 subwoofer

Posted by [48h350](#) on Thu, 12 Jul 2012 23:30:36 GMT

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Hi Wayne I am following the road of using Pialign to model the enclosure of the above mentioned driver jbl gto1214.

(Thiele and Small parameters attached in original post)

after a while I "think" I understand how to use it. Can I confirm with you that, to get QD for your program, you do: $Q_d = 1/Q_m + 1/Q_e$?

where Q_m is Mechanical Q of the driver and Q_e is the electrical Q.

I obtained a Qd of 2.133

I attach the results, can you be so kind to see if they make sense?

For the dimensions, am I right to assume that volume HAS to be reached with the suggested dimension in relation with the port diameter and length ? In other words if I wanted a square faced SW, is there any way to "lead" the program to do so ?

Thanks Wayne

massimo

File Attachments

1) [JBL GTO1.PID](#), downloaded 432 times
