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Home · Subwoofers · Earthquake MiniMe P10 Subwoofer

Earthquake MiniMe P10 Subwoofer

A Secrets Subwoofer Review

Written by John E. Johnson, Jr.

Thursday, 26 June 2008

Page 2 of 2

On the Bench

OK, so far, so good. Let's take a look at the numbers.

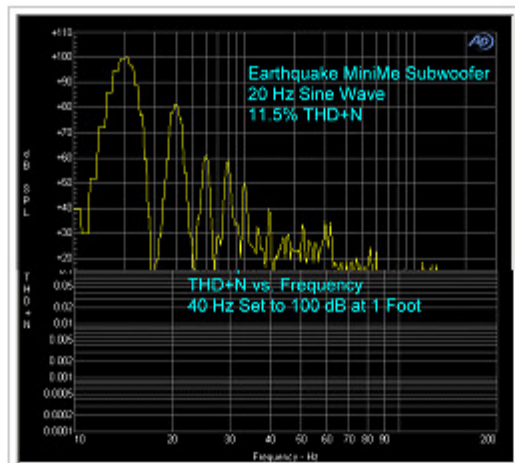
THD+N tests were within an 80 kHz bandwidth.

At 20 Hz, 100 dB, 1 foot, THD+N was a little more than 11%. Notice that the second order harmonic predominates. Often in subwoofers, the third order harmonic is pretty close to the second at high output, but with this Earthquake P10, the third order harmonic is 20 dB lower than the second, even at 20 Hz. That is impressive. Earthquake uses what they called SLAPS technology in their patented driver design. Seems to work. This is good performance for a small subwoofer.

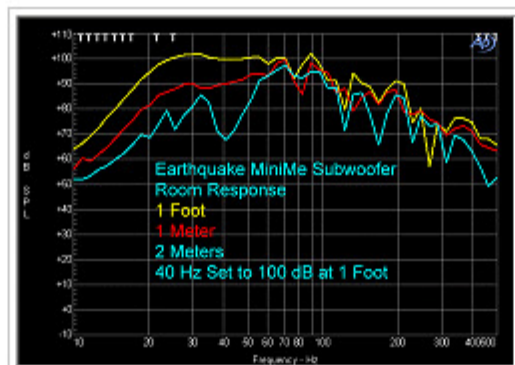
ARTICLE TABLE OF CONTENTS

Page 1: Earthquake Subwoofers History, MiniMe Design

Page 2: Earthquake SLAPS, Harmonic Distortion



The room response graph is shown below. As one moves farther away from the subwoofer, the room effects become more visible, so it would be advisable to use some EQ to reduce the peak region between 50 Hz and 100 Hz.



Conclusions

I keep thinking that subwoofer technology improvements have flattened out, but I keep getting proven wrong. The Earthquake MiniMe P10 is a good example of that. It is small, lightweight, easy to set up, and best of all, it delivers.

Comments (1)

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written by BOB ORTIZ , July 05, 2008

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I have put together a pretty decent home theater system over the years. Like so many other enthusiasts, I started out with a stereo system and systematically transitioned it into a full-blown home theater with surround sound. Along the way, I have dabbled, tweaked, laughed, cried and learned a few things.....

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