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Subject: Measurement Microphones

Posted by [jshupe](#) on Sat, 14 Feb 2015 23:28:30 GMT

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I decided to measure my speakers today, Pi 4 mains with Pi 3 subs. I used a Pyle Pro PDMIC58 (Shure SM58 clone) that I have laying around the house for drunken karaoke nights, so I knew going in that these measurements may not be accurate.

They ended up having a slope to them that I haven't seen on other Pi speaker measurements.

After doing a little reading, I found this chart for the SM58 (bottom) that looks quite familiar...

So as someone who does not measure speakers very often (I'm actually only measuring them now because I plan to rebuild my cabinets in the next couple of months and would like before/after measurements) I'd like to know what microphone(s) I should be looking at. I've seen several units that claim to be measurement microphones starting around \$40 online. Or am I barking up the wrong tree?

#### File Attachments

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- 1) [speakers.png](#), downloaded 2453 times
  - 2) [Clipboard01.jpg](#), downloaded 2440 times
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