

How-To: A simple and inexpensive way to accurately measure your Electrostatic Speakers or Audio Set

What do you need:

A calibrated measurement microphone the umik-1

You can download the calibrationfile with your serial number, here you can download the file:
<https://www.minidsp.com/products/acoustic-measurement/umik-1>



<https://www.minidsp.nl/umik-1.html>

Free software REW

Here you can download the program for free: <https://www.roomeqwizard.com/>

An inexpensive DAC the Behringer UCA222 or any other USB DAC



https://www.bax-shop.nl/externe-audio-interface/behringer-uca222-usb-interface?gclid=Cj0KCQiA0vnQBRDmARIsAELOM1lvTIS51ADjbmTdVT1oNrkiZRnt-3H2pSfYTknvBzggKzlxzu3urFcaAt8HEALw_wcB

A laptop or PC



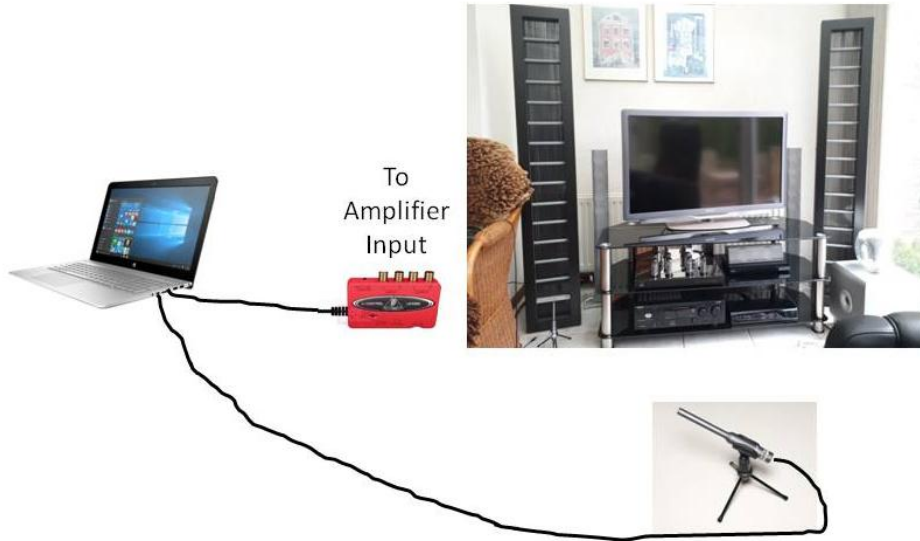
Total cost €126,- or \$149,-

That's all

Here is the setup described to measure the flatness:

<https://www.minidsp.com/applications/acoustic-measurements/umik-1-setup-with-rew>

You now have a setup to do practically most audio measurements



Here you can see that my Tubeamplifier K4000 works well with normal speakers(FS67) but not with Electrotatic Speakers (ESL175).

