How to perform an in situ calibration

- Check the seal of the earbar(s) to the ear canal(s)
- Position the ½” (probe) microphone near the ear to be tested
- Connect the microphone to the appropriate channel of the B&K amplifier, and the output of the amplifier to the appropriate ADC channel (Left = ADC 1; Right = ADC 2).
- Switch on the microphone amplifier.
- Check the sensitivity of each channel, e.g., 1 V/Pa, and type these values in the GUI
- Specify the stimulus parameters. Tooltips explain what each parameter is good for. Avoid excessive sound intensities.
- Hit the GO button and wait for the plot to show up.
- If the transfer function is too noisy, you may either increase the DA amplitude or lower the sweep speed.
- If the experiment has two active DACs, both ears must be calibrated.
- Once you're happy with the results, save them. The calibration is part of the data of the current experiment.
- A note reporting the calibration will be automatically added to the experiment.
- By default, the most recently saved calibration is used for stimulus generation of the experiment (assuming its calibration mode is “in situ”)