Fozgometer Calibration Check (revised, 3/08/2022)

All Fozgometers are calibrated at the factory.

To verify your Fozgometer calibration, you will need a digital signal source such as a (smartphone, computer, cd player) and the appropriate interconnect cable.

Different power sources (9v wall wart power supply vs 9v battery) and signal sources (smartphone, computer, cd player) may exhibit slightly different signal level readings in the Fozgometer*. What matters is that you are reading equal signal readings from the left and right channels.

Smartphone: (iPhone/Droid/Galaxy)
- Appropriate output to RCA left and right splitter cable to connect phone to Fozgometer RCA inputs.
- 1 kHz sine waves - left/right/center (see below)

Computer:
- 1/8" stereo headphone jack to RCA left and right splitter cable to connect computer to Fozgometer RCA inputs.
- 1 kHz sine waves - left/right/center (see below)

CD Player:
- CD player RCA analog audio output to Fozgometer RCA inputs.
- CD with 1 kHz sine waves – left/right/center (burned to audio format from computer)

Test tracks:

Track 1 - 1 kHz sine wave, L channel 0 dB, R channel 0 dB
MP3: http://musicalsurroundings.com/audio/fozgometer-test-tones/Track-1.mp3
WAV: http://musicalsurroundings.com/audio/fozgometer-test-tones/Track-1.wav

Track 2 - 1 kHz sine wave, L channel -20 dB, R channel 0 dB
MP3: http://musicalsurroundings.com/audio/fozgometer-test-tones/Track-2.mp3
WAV: http://musicalsurroundings.com/audio/fozgometer-test-tones/Track-2.wav

Track 3 - 1 kHz sine wave, L channel 0 dB, R channel -20 dB
MP3: http://musicalsurroundings.com/audio/fozgometer-test-tones/Track-3.mp3
WAV: http://musicalsurroundings.com/audio/fozgometer-test-tones/Track-3.wav

Procedure to verify calibration:

Play Track 1 - center light illuminates and meter will read zero*
Play Track 2 - left light illuminates and meter will read 20*
Play Track 3 - right light illuminates and meter will read 20*

Please contact us at info@musicalsurroundings.com
if you can't verify your Fozgometer's calibration.