

Gain settings of optional ZERO 1 A-to-D (analog to digital) board

The available internal gain stages (“0” to “12”) of the ZERO 1 speaker’s optional A-to-D board are suitable for the following input levels (voltages):

Setting		Voltage RMS	Voltage peak-peak
12	<=>	1.6 V	2.25 V max.
9	<=>	2.25 V	3.2 V max.
6	<=>	3.2 V	4.5 V max.
3	<=>	4.45 V	6.3 V max.
0	<=>	6.3 V	8.9 V max.

The highest gain setting “12” is thus suitable for the lowest output (voltage) sources, such as phono pre-amps, FM tuners, entry level CD players (via analog out) etc.

The lowest setting “0” is suitable for very high output (voltage) sources, such as analogue pre amps, High-End streaming devices (via analog out), High-End DACs (via analog out) etc.

Example: in case of audible distortion, this may mean that a high level output source (e.g. at 6 Volt output level) is connected while the internal gain is set to “6”, “9” or “12”.

If in doubt, please check the specifications of the respective piece of equipment.

Should adjustments be necessary, the settings are accessible by the ZERO 1 CONTROL applet.

