

FBT GLL DATABASE RELEASE NOTE

The GLLs are intended to use with AFMG's prediction softwares.

ACTIVE AND PASSIVE versions

Some FBT speakers are available in ACTIVE (self-amplified) and PASSIVE version. In this case only one GLL file is available for both models. As the passive versions are intended to be used with suggested DSP settings and power amplifier rating, the final performance of the ACTIVE and PASSIVE models is the same, so the creation of two distinct GLLs are not justified and not necessary.

Maximum SYSTEM SPL

The Maximum SPL SUM value (dB SPL), available in the Maximum SPL graph, represents the average of sensitivity and PROGRAM power (internal amplifier if active or recommended amplifier if passive) applied to the ways of the speaker. Based on the type of product, this value may differ from that indicated in the datasheet that represents the PEAK sinusoidal SPL at 1m calculated on the max sensitivity frequency and maximum peak power of the amplifier. Furthermore, if the GLL contain more than one speaker (for example TOP and SUB), the maximum SPL system is limited by the lower SPL speaker, this results often in limited max SPL of the subwoofer compared to real performance.