



About Processor Configurations

Fulcrum Acoustic provides configurations for a variety of popular DSP processing platforms. Our goal is to afford users of Fulcrum Acoustic products the maximum flexibility when selecting companion electronics.

However, all DSP processors are not alike. Filter types and quantities vary from brand to brand; this means that the sonic results with "Processor A" may be different than "Processor B". Feel free to contact us at if you have questions about processor compatibility/functionality as it relates to your system. For more details on this front we also encourage you to read the paper *Implementing TQ™ Processing*, available for download on our website.

While we are attempting to provide configurations for popular processors, we do not have full configuration libraries available for every possible processor. If you do not see configurations for your favorite processor on the Fulcrum Acoustic website, please contact us. It is possible that we may have already created the configuration you are looking for, but have not yet added it to the library.

A Note About Limiters

Several variables affect a limiter's operation, including loudspeaker power handling, the bandwidth to be protected, amplifier output capabilities and voltage gains, and the dynamic range of the program that is to be reproduced. Another factor to consider is how a DSP manufacturer has chosen to implement their limiter in code; the options here are almost as numerous as available models of DSP. A user's bias towards maximum protection or maximum SPL when operating their sound system must also be taken into account.

With limiters, once size clearly does not fit all. As such, *we do not set limiter thresholds in any library processor configuration*. It is your responsibility to make the decisions regarding the the setting of limiter thresholds and act accordingly. Where possible we have provided suggested settings for attack and/or release times that are most often appropriate for the corresponding passband.

You may send any questions or comments to us at: info@fulcrum-acoustic.com .