

The following DSP preset have been created for the K-DSP platform for being used with some of the NEXO® loudspeaker systems. The tonal balance of the loudspeaker and the relative phase response have been carefully optimized in order to match as close as possible the original tonal balance and to preserve the native sound character of the systems. All presets are designed for long throw systems.

Also the phase response at the lowest frequency band has been optimized in order to perform the native interaction with the relative subwoofers.

The K-DSP dual limiter carefully takes under control the output power protecting the loudspeakers both from thermal over-powering and mechanical over-exursion.

The sound reproduction balance together with some of the most relevant advantages of Powersoft amplifiers give to these NEXO® system very good dynamic performances and improved reliability and protection.

NEXO® is a trademark of Nexo

Preset Name	Description
S805_WB_4BOX	A full range and Wide Bandwidth version (WB): it drives the Nexo S805 in PASSIVE mode and it optimizes the low frequency response for arrays of approximately 4 box size.
S805_WB_8BOX	A full range and Wide Bandwidth version (WB): it drives the Nexo S805 in PASSIVE mode and it optimizes the low frequency response for arrays of approximately 8 box size or more.
S805_WB	A full range and Wide Bandwidth version (WB): it drives the Nexo S805 in PASSIVE mode and it optimizes the low frequency response for single box use.
S805_Xo_4BOX	A full range and "X-Over" version (Xo): it drives the Nexo S805 in PASSIVE mode and it optimizes the low frequency response for arrays of approximately 4 box size, and it limits the low frequency response to the crossover point with the subwoofer.
S805_Xo_8BOX	A full range and "X-Over" version (Xo): it drives the Nexo S805 in PASSIVE mode and it optimizes the low frequency response for arrays of approximately 8 box size or more, and it limits the low frequency response to the crossover point with the subwoofer.
S805_Xo	A full range and "X-Over" version (Xo): it drives the Nexo S805 in PASSIVE mode and it optimizes the low frequency response for single box use. It limits the low frequency response to the crossover point with the subwoofer.