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SonicVibrance™

ELEVATING MUSIC EXPERIENCE

MUSIC/RADIO → | Stereo Normalizer | Spectral Compander | Bass Enhancer |
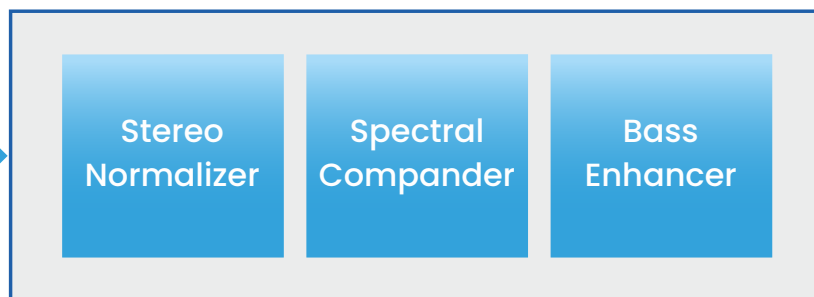
Enriching music in harmony with actual listener preference:

Stereo Normalizer. Choose a preferred stereo effect: expand the soundstage for small speakers or narrow it for headphones, replicating a live soundstage. No need to adjust settings per audio content. Stereo Normalizer adapts in real-time, analyzing spatial characteristics and adjusting the stereo image to user's preference, widening or narrowing as needed.

Spectral Compander enhances music clarity and vibrancy. It addresses discrepancies in spectral component loudness making all elements and nuances perceptible resulting in livelier music. It's also beneficial for voice applications, emphasizing, if necessary, high-frequency components to improve speech intelligibility.

Bass Enhancer addresses challenges in reproducing low frequencies on portable devices due to their small size and limited power. It creates a stronger bass impression without speaker distortion.

For enhancing the sound of mobile phones, TWS and headphones, automotive audio systems, Bluetooth® speakers, PC/tablets, and television.

Available on a variety of DSP/MCU cores.

DSP SOFTWARE TECHNOLOGIES FOR VOICE-AUDIO-HEARING