



DTS Studio Sound™ is a premium audio enhancement suite that uses our proprietary audio technology to create the most immersive and realistic listening experience via two-speaker playback systems by broadening the stereo sound field and providing an expanded sense of space and ambience, even when the speakers are closely spaced. Studio Sound™ also creates a virtualized, immersive, surround sound experience under headphones.

In addition, Studio Sound™ provides volume leveling to minimize the jump in volume during transitions between input sources (like when changing channels) as well as between program materials (like a TV show and a commercial). Our bass enhancement improves the user's perception of low frequencies to create a more dynamic entertainment experience. Our speaker EQ maximizes the performance of your entire audio system while dialog enhancement improves speech clarity against competing background sounds or other soundtrack elements. Finally, our standard limiter provides a lifetime of mechanical protection for your speakers due to system vibration driven by repeated playback at high volume levels.

TARGET MARKETS



APPLICATIONS

- Optimized spatialization for AVR and TV with standard, stereo speaker configuration
- Surround sound via headphones
- Surround sound via automotive speakers
- Hardware optimization and protection for normal wear over the life of the product

KEY FEATURES

- Extended spatialization of the stereo sound field, even with closely-spaced speakers
- Advanced audio rendering to match 2D and 3D video content for enveloping surround sound
- Restores audio cues lost during compression process
- Custom tuned for speaker correction

KEY BENEFITS

- Immersive, virtual surround experience via headphones
- Improved spatialization through stereo speakers
- Optimizes low frequency performance for better bass response
- High frequency contouring for improved clarity and rich details



CREATE A MORE
DYNAMIC LISTENING EXPERIENCE
WHILE OPTIMIZING AUDIO TO MINIMIZE
COMMON PROBLEMS



VIRTUALIZATION OVER HEADPHONES

Accurate placement of audio cues for immersive surround sound from any PC speaker configuration, laptop, desktop, speakers or headphones



DIALOGUE CLARITY

Dialog enhancement for clear and intelligible vocals



STEREO SPEAKER SPATIALIZATION

Broad sweet spot with elevated sound image



ENHANCED BASS

Bass enhancement for rich, low frequency production



HARD LIMITER

Maximum volume output delivering maximum volume without creating clipping or distortion



CONSISTENT VOLUME

Consistent volume level across content

ABOUT DTS

DTS offers Codec and Audio Processing solutions to create a premium entertainment experience. Our portfolio of products provides an unmatched, incremental value proposition for CE manufacturers by unlocking a world of premium content and providing your customers a no-compromise, entertainment experience across all devices, anywhere, anytime. Whether your goal is to enjoy a movie, TV show, music or games, you can expect a consistent experience. We provide additional value to our OEM partners through a range of services provided by our field engineers, to partner with you and ensure the best possible sound, product tuning and performance of all your DTS-enabled products.