



MaxxAudio®

SOUND. THE WAY IT WAS
MEANT TO BE HEARD



OVERVIEW

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MaxxAudio® is a suite of advanced audio enhancement tools from Waves that brings award-winning technologies to consumer electronics devices. **MaxxAudio®** offers end users unparalleled sound performance, whether they are playing a game, watching a movie, listening to music, or using online voice communication. With clearer highs, enhanced bass and increased volume, **MaxxAudio®** provides a better listening experience on any device, whether a desktop, laptop, smartphone, tablet or personal home assistant.

MaxxAudio® is a powerful audio design tool that gives manufacturers greater flexibility during the industrial design stages. **MaxxAudio®** gives your product the sonic edge.



KEY BENEFITS



AWARD-WINNING AUDIO PROCESSING

Waves **MaxxAudio**[®] uses the same Grammy[®] award-winning Waves algorithms heard on hit records, major motion pictures, and popular video games the world over, enabling your customers to enjoy audio processing of the highest quality.



BEST-IN-CLASS TUNING SERVICES & INTEGRATION SUPPORT

Waves' product specialists located around the globe provide top-tier support and tuning services to ensure that every step of the integration process is concluded with utmost efficiency and that each device provides the best audio performance it possibly can.



KEY BENEFITS



IDEAL FOR ANY FORM FACTOR



MaxxAudio's signal chain has been designed from the ground up to accommodate the widest possible array of consumer electronic devices and speaker form factors. Different consumer devices have been designed to solve specific real-world issues and to perform certain tasks. However, the limitations imposed by these tasks often lead to suboptimal audio performance. Waves **MaxxAudio**® makes any device sound the best it possibly can given its particular design.



UX CUSTOMIZATION AND NEW END USER-FACING FEATURES



Different end users use your devices in different ways and have different audio needs and tastes. We offer an extensive feature set that will cater to your users' needs and allow them to personalize the audio experience according to their particular taste, for example by enabling certain features that are suitable for specific types of content.

WIDE AVAILABILITY ON DSP PLATFORMS

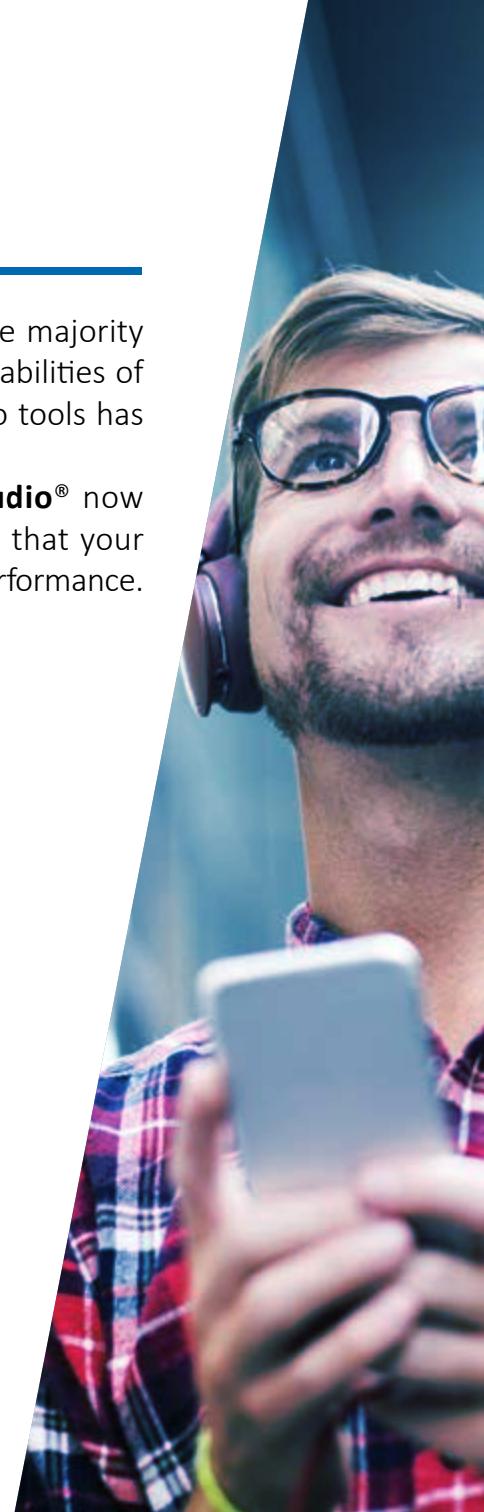
The Waves **MaxxAudio**[®] suite is available and optimized for the majority of leading DSP platforms. Upgrading the audio reproduction capabilities of consumer electronics devices using Waves' award-winning audio tools has never been simpler or quicker.

Thanks to our per-platform optimization capabilities, **MaxxAudio**[®] now requires less MIPS and memory on all platforms, which means that your customers can now enjoy great sound with better battery life and performance.

CORE AVAILABILITY

MaxxAudio[®] is available on the following cores:

Intel, AMD	x86
ARM	Cortex A- Series
Cadence	HiFi-2, HiFi-3, HiFi-EP
CEVA	TeakLite-4xx TeakLite-3xx
Cirrus	ADSP2
Qualcomm	QDSP Snapdragon Series
Freescale	56300
Waves	Mx76K



COMPONENTS & FEATURES

MaxxEQ™	Full spectrum equalization, including discrete per-speaker filtering
MaxxBass®	Psychoacoustic bass enhancement
MaxxTreble™	Crystal-clear high frequencies
MaxxStereo™	Multi-dimensional spatial imaging
MaxxDialog™	Smart dialog booster
MaxxVolume©	All-in-one dynamics management: maximizing limiter, compressor and noise gate
MaxxNR	End user-controlled noise reduction
MaxxMultiband™	Multiband compression and resonance suppression
MaxxSense™	Automatic content detection and preset switching
MaxxSpace™	Headphone enhancement
Bandwidth Extension	Reconstructs lost harmonics and frequency ranges
MaxxSurround™	5.1 and 7.1 surround content support

APPLICATIONS

MaxxAudio® is a comprehensive solution for a wide variety of devices and applications:



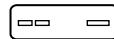
DESKTOPS



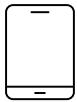
AUTOMATED PERSONAL ASSISTANTS



LAPTOPS



MEDIA CENTERS,
STREAMERS AND HTPCs



TABLETS



PORTABLE SPEAKERS



SMARTPHONES



WEARABLE DEVICES



HEADSETS



DOCKING STATIONS



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