

acWAVE™

Audio Conversion for Speech or Music

There are multiple audio types in common use. Many software programs use standard .wav format. Other formats compress the sound information into smaller size files. A common example is .mp3. More files can be stored in memory. They can be more rapidly transmitted over the internet. acWAVE™ is a Windows-based audio conversion tool that can help deal with the multiplicity of audio types. It is available as a standalone or server.

With this easy-to-use program, the following input audio can be used: .wav, .mp3 (MPEG Layer-3 Encoding Audio Compression), .vox (Dialogic), .wma (Windows Media Audio), .msv (Sony), and .dss (Olympus). Output file types include: .wav, .mp3, .vox, and .wma. Conversion of the Olympus and Sony proprietary formats requires separate purchase of software converting the .msv and .dss files, respectively, to .wav. Conversion to .wma requires installation of Windows Media Player, which is distributed with acWAVE™.

WAV types supported include PCM (Pulse Code Modulation), GSM (Global System for Mobile Communications), DSP (DSP Group TrueSpeech), G.726 (CCITT standards G.726), ADPCM (Microsoft ADPCM), μ law (μ Law digital telephony), and ALF2CD (NCT ALF2 CD Audio).

With acWAVE™, use a browse function to specify the input and output files. View input file information in a text window (e.g., CCITT μ -Law, 8,000 Hz, 8 Bit, Mono). Determine output format by selecting dynamically changing options based upon the output type selected. For example, for .mp3, select frequency, channels, bit rate, and MP3 settings. A specified output might be MP3, 22,050 kHz, Mono, 512 Kbps, Normal Q. Click on the convert button to complete.

The standalone application is designed for manual, desktop use. It supports single-to-single file conversion. The server version includes a front-end client. It is designed for automated processing. It supports single-to-single file conversion and merger of multiple files into one.

acWAVE™ may be used with Windows 98/ME, but is optimized for NT/2000/XP. The server edition requires installation of Command!™ (patent pending), a workflow manager and document retrieval system.

Related products include Command!™ Call Center, a telephone server for dictation, CustomMike™ to control a hand held microphone, PlayBax™ to play back audio with a standard transcriptionist foot pedal, and MacroBLASTER™ to launch macros with a programmable keypad, bar code reader, or voice. Related speech processing applications include SpeechServers™ (patent pending) for automated transcription and training of speech recognition files, and SpeechMax™ (patent pending), an easy-to-use client for editing and correcting computer generated text and playback of Custom Speech USA, Inc. proprietary audio-text session files.

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We teach computers how to listen®

Custom Speech USA, Inc.

3 North Court Street, Suite B365

Crown Point, IN 46307

Tel: 219-662-3800 Fax: 219-662-3877

Web: www.customspeechusa.com Email: info@customspeechusa.com