

Readme File

Vox Studio Version 1.05

Demo version

This is a working demo version of Vox Studio, it can be freely distributed. This demo version is fully functional but limits the number of file conversions that can be performed in batch mode to 5 files per command, instead of 1024 in the commercial version. It also limits the length of the manipulated voice messages to about 5 seconds each.

Abstract:

Vox Studio allows recording, playback and conversion of messages for the voice processing industry (voice mail, phone banking, ...) using a standard multimedia equipped PC. Convert to/from WAV, ADPCM, A-LAW, MU-LAW. Filter or generate DTMF signals, trim silence, adjust amplitude.

Keywords:

WAV; ADPCM; A-LAW; MU-LAW; convert; voice; DTMF; filter; telephony; prompt

Description:

Vox Studio®, a Windows 3.1 software package, is a sound recording, conversion, and enhancing utility for Dialogic® and other compatible voice processing systems. Vox Studio is a product of Xentec nv-sa, in Belgium.

Vox Studio, records prompts using popular PC-based sound cards which comply with the Microsoft Multimedia standard. Recordings are made at any standard Multimedia or telephony sampling frequency. Vox Studio also plays WAV and VOX format files using your Multimedia compliant sound card.

Vox Studio includes a script-file-based screen prompter for effortless recording of hundreds of sound message files with a PC-based studio.

Vox Studio converts Multimedia files to Dialogic telephony formats (A-law PCM, Mu-law PCM, ADPCM), linear PCM, and vice-versa. It can convert telephony files from one telephony format and sampling rate to another. No sound card is actually needed for file conversions unless you want to play the files.

Vox Studio automatically adds uniform leading and trailing blanks, or normalizes sound volume across voice files.

Vox Studio can generate DTMF files. It also can attenuate DTMF-like sounds, in files that do cause talk-off.

Vox Studio, is a productivity tool. It automates the tedious task of preparing lots of high quality prompt files for telephony and voice processing applications.

Recorder specs:

- Tele-prompter function. Records messages flashed one by one on your PC screen. Fast and easy recording of a large number of messages. Manual recording available too.
- Records at 44.1, 22.05, 11.025, 8.117, 8.0, 6.053, 6.0 KHz sample rates for flexibility and studio quality.
- Generates DTMF files of any length for automated testing and remote control applications.

Player specs:

- Plays all Windows WAV and telephony VOX files directly on your Windows sound card.

Converter specs:

- Windows WAV to Dialogic® VOX format conversion and back.
- Stand-alone VOX to indexed VAP format conversion and back.
- Sample rate up- or down- conversion (from 44.1 KHz to 6 KHz).
- Automated background batch conversion for productivity.
- Automatic leading & trailing silence adjustment. Select length.
- Automatic sound volume normalization for uniform prompts.
- Filters voice files to suppress unwanted DTMF-like sounds that cause talk-off.
- Does not require a sound card for conversions only.

Read the Manual

Upon installation of Vox Studio the manual, which is in Write (it comes with Windows) format, will be installed in the main Vox Studio program directory. An icon will also appear in the Vox Studio program group, allowing you to directly access the manual with a double-click of your mouse. We strongly suggest you print this manual and read it before attempting to use Vox Studio. This will familiarize you with the functionality of Vox studio and it's configuration requirements. In particular, it is important to set the program defaults correctly in order for Vox Studio to perform smoothly.

Installation

Installing Vox studio is easy. Essentially, the process consists of running SETUP.EXE (on your distribution diskette) from within Windows. You can do this from Program Manager, using the FILE/RUN command, or from File Manager, by double clicking SETUP.EXE on your distribution disk. The setup routine will ask you for personalization information. Fill-in ALL the information fields as requested. This is crucial because your personalization information will appear on the registration form which you can then print from within Vox Studio. The registration form, which has your personalization information and our serial number, is your path to support and upgrades. Sending the completed registration form back to Xentec is an essential part of your licensing agreement for Vox Studio. Once SETUP has finished, your next steps should be to create at least two sub-directories. One for telephony sound files, let us say you call this sub-directory VOXFILES, the other for multimedia (wav) sound files, you could call this one WAVFILES, for instance. The last step of your installation is to set all the program defaults from within Vox Studio. This can be accessed from the DEFAULTS menu. Before proceeding to do this, read the manual first, we kept it short and easy.

Icons

The installation process creates a Vox Studio program group with the following icons.

- Vox Studio program
- Vox Studio help
- Vox Studio manual
- Readme file (you are reading it)

Other files on disk

To get you up-and-running faster we are providing a few files with Vox Studio. These files initially get installed in the main Vox Studio directory, but you can later move them to any directory of your liking.

TEST.WAV is a multimedia sound file which you can use to test your sound card and the various Vox studio conversion functionalities.

The file PROMPTS.TXT is an example script file which you can use to test out the script based functionalities of Vox Studio, such as the Teleprompter for example. Note that script files have to reside in the SAME sub-directory as the files they manipulate. This is done, on purpose, to keep everything orderly. Operations can quickly get very confused when one has hundreds of sound files of various types in various directories and lots of script files to manipulate them, also all over the place. Keeping it all neat and tidy helps avoiding time-consuming errors. PROMPTS.TXT is also useful in showing you how to write your own script file. NOTEPAD.EXE (comes with

Windows) can be used to create or modify script files.

Where to reach us

Xentec nv-sa

Namenstraat 11

1930 Zaventem, Belgium

Tel/Fax 32-2-757-0666

100276.344@compuserve.com