



User Guide

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CONTENTS

TABLE OF CONTENTS

| | |
|--------------------------------|-----------|
| Contents | 3 |
| Overview | 5 |
| Installation | 6 |
| Mac OS X..... | 6 |
| Windows..... | 6 |
| Registration..... | 6 |
| Latest Version..... | 7 |
| Support | 8 |
| Individual Mode | 9 |
| Source Movie..... | 9 |
| Audio Info..... | 10 |
| Destination Audio File..... | 10 |
| Format..... | 10 |
| Restore Date..... | 10 |
| Overwrite..... | 10 |
| Batch Mode | 11 |
| Movie Files..... | 12 |
| Audio Info..... | 12 |
| Format..... | 12 |
| Restore Date..... | 12 |
| Overwrite..... | 13 |
| Extract to Another Folder..... | 13 |
| File Formats | 14 |
| Movie Formats..... | 14 |
| Audio Formats..... | 14 |

| | |
|--|-----------|
| AIFF..... | 14 |
| Wave..... | 14 |
| Sun AU..... | 15 |
| M4A (Mac Only)..... | 15 |
| 3GPP (Mac Only)..... | 15 |
| System 7 (Mac Only)..... | 15 |
| Preferences/Options..... | 16 |
| Licensing..... | 17 |
| Terms..... | 17 |
| Setting up Multiple Installations..... | 17 |
| Mac OS X..... | 17 |
| Windows..... | 18 |

OVERVIEW

AudioExtract is tool for extracting the audio out of movie files. It operates in two modes: individual and batch. The individual mode only allows one movie file to be processed at a time, but it will allow more control over what the audio file will be called. The batch mode allows multiple movies to be processed automatically. The audio file can be generated in several different audio formats. The program uses QuickTime to open the movies and to save in the various audio formats, consequently formats not supported by QuickTime will not be read or written.

INSTALLATION

Mac OS X

Double-click the latest AudioExtract.dmg disk image. If you agree to the licence agreement, click 'Agree'. Copy the AudioExtract icon to anywhere on your hard drive (convention on Mac OS X is the Applications folder). Drag the icon into the dock, then click it (the dock copy). Enter the licence keys when prompted.

It is advisable to install as a user with administrative permissions as the software can be installed anywhere and, once the licence keys have been entered, they will be available to all users of that computer. If you do not install with administrative privileges the licence keys will only be available to the user who entered them.

For access to the latest audio codecs, make sure you upgrade QuickTime to the latest version (currently 6.5). You can do this through software update or by downloading an installer from <http://www.apple.com/quicktime/download/>.

To remove, drag the application out of the dock, then drag the application from where you installed it into the 'Trash'.

Windows

Make sure you are logged in with 'Computer Administrator' privileges.

Apple QuickTime must be installed first for AudioExtract to run. Install the latest version (currently 6.5) to ensure you have access to the latest audio codecs. A 'Recommended' install is required, as the 'Minimal' install is not sufficient for AudioExtract to work. You can find the installer at this web address: <http://www.apple.com/quicktime/download/>.

Double-click the audxtrect_install.exe. If you agree to the licence agreement, click 'Agree'. Choose the destination folder (the default should be okay in most instances). Click 'close' when the installer has finished. Navigate the 'Start' menu to launch AudioExtract. Enter the licence keys when prompted.

To remove, run the Uninstall program under the AudioExtract program group in the 'Start' menu.

Registration

Once you have purchased your licence and received the keys you can enter them into the program. To do this you can either press the 'Register' button as the program launches or

press the 'Register' button from the About box (The About box is accessed from the Help menu on Windows or the application menu on Mac OS X: choose 'About AudioExtract'). Type the licence name and serial number exactly as they appear on the notification you received from us, then press 'OK' (you may prefer to copy and paste, but make sure there are no trailing spaces). The 'OK' button will be dimmed until something is entered into the licence name field and the serial number is the right length. A picture of the dialog appears below:



Latest Version

Please check the website (<http://www.Q-Technologies.biz/AudioExtract>) to see if there is a newer version available. Upgrades to more recent versions are free. You can see what version you have installed by looking at the About box (The About box is accessed from the Help menu on Windows or the application menu on Mac OS X: choose 'About AudioExtract').

SUPPORT

If the program is not performing as it should (i.e. you have found a bug) send an email to support@Q-Technologies.biz with the following information:

- The operating system name and version
- The version number of AudioExtract (see the About window)
- What version of QuickTime is installed
- A description of what happens
- It may be helpful to send any (small) files that cause any problems

You may also send an email to support@Q-Technologies.biz if you would like a feature added to AudioExtract. Obviously the feature needs to be reasonably in line with the scope of what this program sets out to achieve.

INDIVIDUAL MODE

The window for the individual mode is displayed below:



Once you have selected your source movie and configured the destination audio file, click 'Extract'. The extraction will commence at this point and display a progress dialog to give you an indication of how fast it is progressing. To cancel the extraction, press the 'Stop' button on the progress dialog, shown below.



Source Movie

Use the 'Choose' button to navigate your hard drive to the movie you wish to extract the audio from (you can also drag and drop a movie file from the Windows Explorer or Macintosh Finder onto the window). Once selected, the file system path of the movie will be placed in the text field below. You can also change the path of the movie from the text field if that is more convenient. The path of the destination audio file will be guessed from the source more.

Audio Info

Once a source movie has been specified the audio information for the movie is displayed. This will also indicate whether a path that has been manually typed in corresponds to a readable movie or not (if the movie path is not valid only the headings will be displayed). Use the audio information to help decide what settings to use for the destination audio format. (Please Note: AudioExtract is not able to report the audio information when the movie file resides on read only media).

Destination Audio File

In a similar fashion to the source movie, this may either be selected with the 'Choose' button or manually typed in. Bear in mind that it may not need to be modified at all, as it may have been set correctly when the source movie was chosen (it will need to be changed if the source movie is on read only media, such as a CD).

Format

From this menu, choose the format you would like the extracted audio saved as. The 'Settings' button allows you to specify exactly how the format should be implemented, e.g. how much compression to use. The 'Settings' button does not become available until a movie is loaded. See the [Formats](#) section for a discussion of the formats available. See the [Options/Preferences](#) section for how to save the settings you configure each time the program is run.

Restore Date

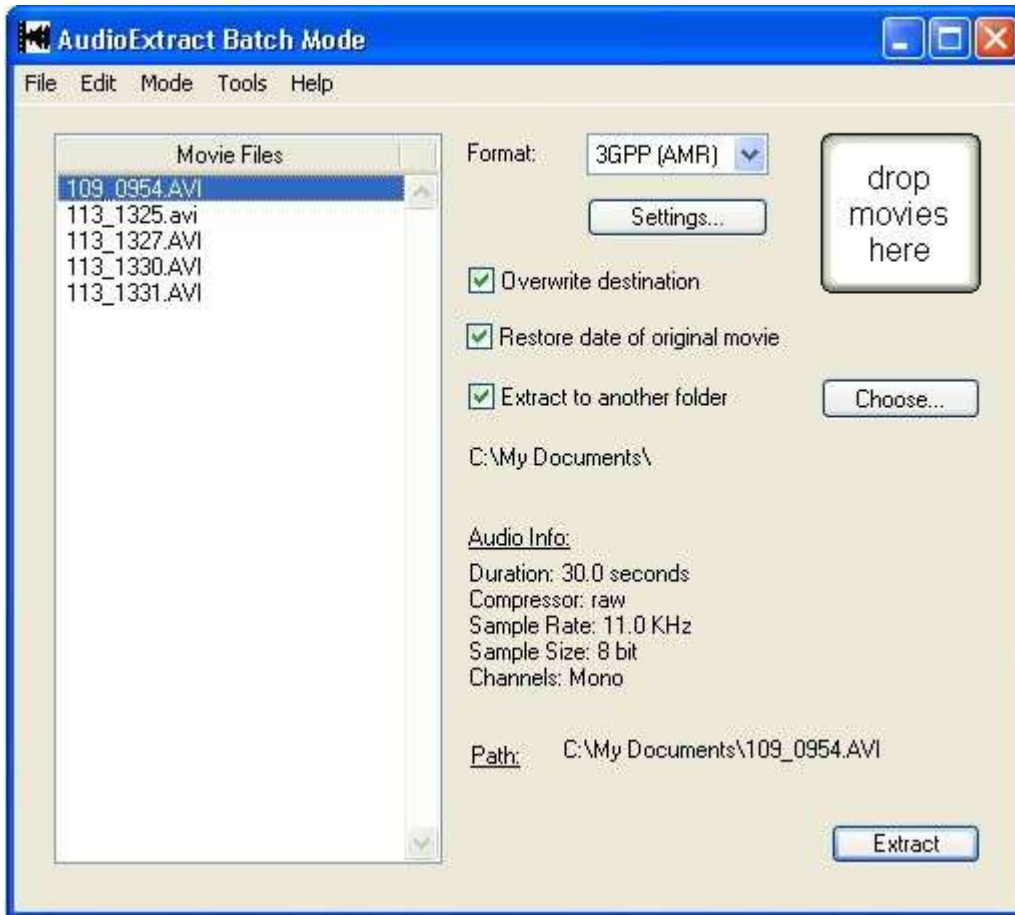
If you would like the new audio file to inherit the same date information (e.g. creation time) as the source movie, then choose this option. This may be useful for keeping track of when a particular movie was taken.

Overwrite

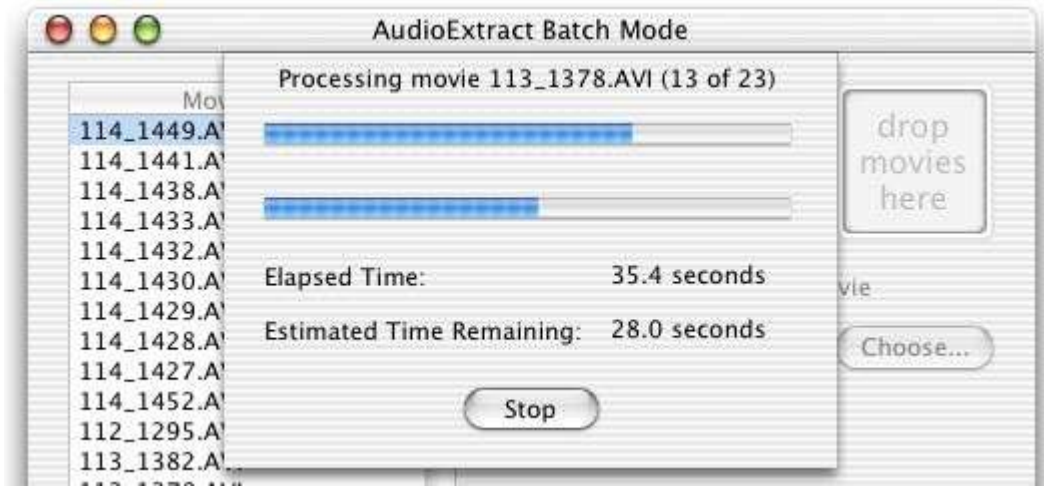
Use this option when it is okay to write over any audio file that may exist already with the same name and location.

BATCH MODE

The window for the batch mode is displayed below:



Once you have listed your movie files and configured the destination parameters, click 'Extract' to begin the extraction. To indicate how the batch is proceeding a progress dialog will display both the progress of the current movie and the overall progress through the movies. It will also attempt to estimate the remaining time, but this is usually not entirely accurate as many factors come into play preventing accurate estimation.



In the batch mode one audio file will be produced for each movie file.

Movie Files

The movie files list shows all the movies that the audio will be extracted from. To add movies to this list movies can be dragged from the Macintosh Finder/Windows Explorer onto the 'drop movies here' well or the movie list itself. They can also be added using 'Open' from the 'File' menu. They can be removed by selecting them and pressing the 'Delete' key or using 'Clear'/'Delete' from the 'Edit' menu.

Audio Info

When one movie in the list is selected the audio information for that movie is displayed. Use the audio information to help decide what settings to use for the destination audio format. Also, use this to determine whether the type of audio in each movie is similar as you would probably not want to process two wildly different movies at the same time (i.e. you would probably want to optimise the format settings for different types of audio). (Please Note: AudioExtract is not able to report the audio information when the movie file resides on read only media).

Format

From this menu, choose the format you would like the extracted audio saved as. The 'Settings' button allows you to specify exactly how the format should be implemented, e.g. how much compression to use. The 'Settings' button does not become available until a movie is loaded into the list. See the [Formats](#) section for a discussion of the formats available. See the [Options/Preferences](#) section for how to save the settings you configure each time the program is run.

Restore Date

If you would like the new audio file to inherit the same date information (e.g. creation time)

as the source movie, then choose this option. This may be useful for keeping track of when a particular movie was taken.

Overwrite

Use this option when it is okay to write over any audio file that may exist already with the same name and location.

Extract to Another Folder

Choose this option when you would like the resulting audio files copied to another location to reduce clutter or because the source is read only.

FILE FORMATS

Movie Formats

Any movie that can be understood by your installation of QuickTime should open okay into AudioExtract. Exceptions to this rule are movies that have non standard file extensions, e.g. '.DAT'. If you do have a movie file with an incorrect file extension, then changing the extension should resolve the issue. For the movie formats currently supported by QuickTime see "Video Codecs" on the QuickTime specifications page: <http://www.apple.com/quicktime/products/qt/specifications.html>.

Audio Formats

AudioExtract supports the importation of audio files understood by your installation of QuickTime. See "Import file formats" on the QuickTime specifications page, <http://www.apple.com/quicktime/products/qt/specifications.html>, for supported audio formats. Of particular note is 3GPP and M4A; these formats can be imported on Windows, but not exported.

AudioExtract supports exporting to the following audio formats:

- AIFF
- Wave
- Sun AU
- 3GPP (Mac Only)
- M4A (Mac Only)
- System 7 (Mac Only)

Each of these formats can be more finely specified using the 'Settings' button.

AIFF

AIFF (Audio Interchange File Format) is popular on Apple platforms but is widely used by audio processing software. Various encoding/compression options are available, use the 'Settings' dialog to explore some of the options. The Qualcomm Purevoice codec is best for storing speech while the QDesign Music 2 codec is best for storing music.

Wave

The Wave format is the native format for Windows. Although it can use different types of encoding/compression, AudioExtract can only save it without using these codecs.

Sun AU

The AU format is popular on UNIX systems, but sometimes found on the internet. The μ Law codec is popular for use in PABX systems. The codecs available do not offer great compression, but it is made available more for compatibility reasons.

M4A (Mac Only)

M4A is essentially an MPEG-4 file (MP4), but it only contains the audio (hence the slight name change). It uses AAC encoding which is more efficient than MP3. This format is well suited to music. Various options can be set through the 'Settings', allowing you to finely tune the output. For more information see:

<http://www.apple.com/quicktime/products/qt/faq.html#5>.

3GPP (Mac Only)

3GPP is a format specially developed for third generation cellular networks. It is based on MPEG-4 and can include audio, video and text, though AudioExtract will only put the audio into it. This format is well suited to speech recordings. For more information see:

<http://www.apple.com/quicktime/products/qt/faq.html#6>.

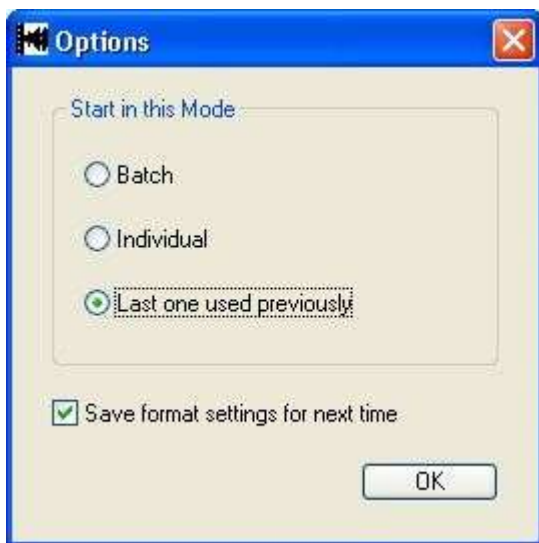
System 7 (Mac Only)

The System 7 sound format is a legacy format used on Mac versions prior to Mac OS X. A sound in this format can be played directly in the Finder. AudioExtract can only export this format, it cannot import it.

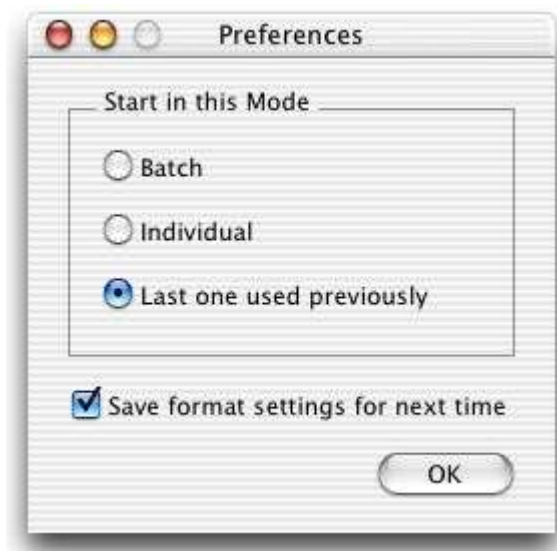
PREFERENCES/OPTIONS

The Preferences/Options dialog is shown below. The 'Start in this Mode' option allows you to specify which mode AudioExtract should open in: Batch, Individual or whatever you were using last time the program was run. Use the save format settings option to specify whether the settings you setup for each format should be saved for the next time the program is run. If this option is not ticked then the settings will go back to their defaults each time.

Options dialog on Windows



Preferences dialog on Mac OS X



LICENSING

Terms

Please see the included Licence agreement for legal details; this is a high level overview. The Licensing of AudioExtract falls into 4 categories:

1. Demonstration Licence

This is the default. Unless another licence has been purchased, you are only allowed to use the program for demonstration purposes.

2. Single User Licence

This will allow you to use the program on one computer and only one user may use it at a time.

3. Multi-User Licence

This licence term permits you to enter the licence Keys only on the number of computers that corresponds to the number of licences purchased. The total number of users using the Program at any time cannot exceed the number of licences purchased.

4. Site Licence

This licence term permits you to enter the licence Keys on all computers at the agreed site without restriction on how many users can use the software at one time.

Setting up Multiple Installations

If you have a multi-user or site licence you can copy the file the licence keys are stored in to each computer, rather than having to manually enter the keys on each computer.

Mac OS X

The licence keys are stored in `/Library/Preferences/biz.q-technologies.audioextract.plist` if you entered them with administrator privileges. If they were not installed with administrator privileges then the file will be `~/Library/Preferences/ByHost/biz.q-technologies.audioextract.plist` (where `~` represents the home directory location).

Copy this file to `/Library/Preferences` on each host you have purchased a licence for.

Windows

The licence keys are stored in the system directory (e.g. C:\WINDOWS\SYSTEM32) in a file called biz.q-technologies.audioextract.key.

Copy this file to the system directory of each host you have purchased a licence for. Please note that on Windows 2000 and XP a 'Limited' user cannot successfully enter the licence keys, but will be able to use the program once it is registered by a 'Computer Administrator'.