Audioactive Player v2.07 Release Notes

Audioactive Player Overview

The Audioactive Player is a streamlined MP3 player focused on exceptional sound. It offers playback of MP3 and m3u files with the highest quality MP3 decoder in the business.

Once installed, simply click on the file or stream you want to hear and it will automatically launch the Audioactive player. To create your own MP3 files we suggest the Audioactive Production Studio encoder for the very best sounding MP3 audio on the Internet. To get a free demo of the encoder, go to www.audioactive.com .

Player Features:

- Best sounding MP3 audio using genuine Fraunhofer algorithms
- Shuffle play for random audio access
- Scrolling viewer provides track information
- Comprehensive ID3v1.1, ID3v2 tag viewer
- Supports MP3 and SWA formats
- Supports standard m3u playlist format
- Circumvent firewalls with HTTP Proxy support
- Reduce Internet dropouts with flexible network buffering, up to 120 seconds
- Convenient keyboard shortcuts
- Easy file addition, even while playing
- Drag and Drop simplicity
- Command line support
- Supports TCP, UDPS, and RMC protocols
- Directly connects to the Audioactive Hardware Encoder

Audioactive Playlist Editor Overview

Audioactive Playlist Editor is a complementary tool for creating and editing playlist files (m3u). With it, you can easily create ordered playback lists and archive listings of audio files or URLs. You can easily add and remove items from the list, and change their order as well. Information about each file can be modified with the built in ID3Tag Editor. Playlists can be saved, reopened and merged at will.

Playlist Editor Features:

- Quickly create or merge playlists
- Supports standard m3u playlist format
- Supports MP3, SWA and URL formats
- Easily add, remove, and change order of items
- Create or edit ID3 tags individually or for selected items
- ID3Tag Editor supports ID3v1.1 and ID3v2 tag information
- "Play" for whole playlist and for single file/URL
- Specify player in options menu

- Compatible with Audioactive Player, Winamp, and other free/shareware MP3 players
- Drag and drop support for MP3 and m3u files, folders and subfolders
- Resizable multi-column list of files

How to Contact Telos Systems

Customer support for the freeware Audioactive Player is offered via FAQ only. Please visit the Support section of the Audioactive website at www.audioactive.com .

A free demo of Audioactive Production Studio software can be downloaded from the download section of www.audioactive.com .

For more information about Telos Systems, visit www.telos-systems.com .

Audioactive Player 2.07 User's Guide

General Operations

Playing a File
You may play a file by dragging and dropping it onto the player, loading it from the menu, or passing it through on the command line.

Drag and Drop
M3U and MP3 files will begin to play when dragged and dropped on the player. Holding down the CTRL key while dropping the files will add them to the list but without starting the playback. If you are currently listening to a file, holding down the control key allows you to add files without interrupting the file in progress.

Volume Control
You may adjust the playback volume using the slider control on the left side of the player.

Shuffle Playlist
Selecting Shuffle Playlist the first time will shuffle the currently loaded playlist and add a checkmark next to the Shuffle Playlist menu option. Each time new files or a new playlist is added to the player it will be automatically shuffled. If a file is playing while selecting this option it will continue to play but its position in the list will be changed. Selecting this menu option again will turn off shuffling.

File Information
Clicking on the "File info..." option in the menu will bring up a dialog box filled with MP3, ID3v1 and some ID3v2 tag information when available in the file.

Keyboard Commands

+	Next Track
-	Previous Track
M	Brings up the menu
P	Play Track
Space	Pause Track
S	Stop Track
O	Open File
A	Open More Files
L	Open Location
I	File Information
ESC	Minimize

Command Line Options
You can pass MP3 and M3U files on the command line and those files will begin to playing upon startup. If there is already an instance of the player running, it will use that instance to begin playing the new files. If the -append option is used before any files on the command line, the files on the command line will be placed at the end of the list of files playing. Audio playing on the currently running instance will continue to play uninterrupted.

Proxy Setup
Sometimes a proxy is used to listen to HTTP streams. You can specify your HTTP proxy information by selecting Proxy Setup from the menu.

The first option tells the player to not use a proxy. The second option will attempt to use the proxy information you specified in your browser. If the player is not able to determine your browser's proxy information you can select Custom and enter the proxy information directly in the Host and Port edit boxes. Note that the proxy information will be used only for HTTP requests only.

Open Location
Use the Open Location menu option to listen to network streams. The network stream is specified using a standard URL. The accepted format is:

```
protocol://host:port/id
```

If a port is not specified then port 80 will be used. The Audioactive Player supports the following protocols:

http
The standard HTTP protocol. A proxy server is used for all http requests if the proxy information is provided. To listen to an Audioactive Hardware Encoder via HTTP use the following request:

```
http://encoder_ip:encoder_http_port/l3audio.mp3
```

The first letter or the file name is the lower case letter "L". Under many fonts this can look the same as a one.

tcp
Use the TCP protocol to connect to a server sending MP3 data upon connect. This can be used to listen to the Audioactive Hardware Encoder configured for Raw TCP. The request format is:

```
tcp://encoder_ip:encoder_tcp_port
```

udps
UDP Server protocol. Using this protocol the player waits for UDP packets sent to it from other hosts. Use this protocol to listen to a Stream Sender from the Audioactive Hardware Encoder. The format for this is:

```
udps://localhost:port
```

The string "localhost" should be entered as shown. The port specified will be used to listen for UPD packets.

rmc
Raw Multicast protocol. Use this protocol to listen to multicast streams sent by the Stream Sender on an Audioactive Hardware Encoder to a multicast address. Example:

```
rmc://224.1.1.1:1024
```

This example assumes that the Audioactive Hardware Encoder was configured to send a stream to the same address and port (224.1.1.1:1024).

file
The file protocol used to listen to local files and is included for completeness. It is more convenient to open files using the Open File option in the menu. If you have an MP3 file named song.mp3 located in the c:\mp3 folder on your hard drive you could open it by specifying:

file://c:\mp3\song.mp3

Options
The following player options can be changed through the Options menu:

Auto Repeat
If this option is disabled the player will stop when all files currently loaded finish playing. If Auto Repeat is enabled the player will continuously repeat the currently loaded selection.

Check File Types
If this option is enabled the player checks that it is the default player for MP3 and M3U files. If you do not want the player to perform this check disable this option here.

Network Buffer
You can adjust the amount of buffering used for network connections from 0 to 120 seconds. If you experience dropouts while listening you can increase the amount of buffering here. A value of zero disables the buffer.

Audio Playback Priority
If you are experiencing audio dropouts during playback while your computer is busy doing other things, you may want to raise the priority of the audio playback.

Scrolling Text Speed
If the name of the file or stream is too long to fit in the display area the text will scroll right to left to allow you to view it. This option controls how fast the text scrolls.

Advanced Options
The Audioactive player stores it's setting in the Registry in the following location:

HKEY_CURRENT_USER\Software\Telos Systems\aaplay32\Settings

We do not recommend changing Windows Registry setting unless you have experience doing so. Remember that any changes to the Registry may result in unexpected operation of your computer if something goes wrong. Always make a backup of the Registry before making changes.

A few of these options, available only through the Registry, are described below:

LevelMeterDecaySteps
This option controls how fast the level meter decays (goes to zero). A value of one makes the level meter more responsive although quite a bit more jumpy. A value of 15 is a good place to start if you wish to experiment with this option.

LevelMeterTimerMsec
This option controls how often the level meter is updated. Using a smaller number makes the meter more responsive but consumes more CPU power.

LevelMeterUseMixer The Audioactive player uses the mixer device from the audio card to drive the level meter (if one is available). A mixer device capable of driving the level meter is not present in many audio cards. In this case the program will drive the level meter by monitoring the

audio data as it is passed to the audio device. Setting this option to zero forces the player to always use the software monitor even when a mixer device is available to drive the level meter.

WaveOutPreBufferMsec
This option controls the size of the buffers used to pass the audio data to the audio device. By default the player uses buffers that hold one second of audio data. It may be useful to increase this value if you experience dropouts during playback as you are using your PC. You may want to experiment with values between 2000 to 4000.

Before you modify any of these values you should exit the player, as the player reads these options at startup and saves them during exit. If changing one of these options to some unusual value causes the player to operate unexpectedly and you do not remember the original value, simply delete the option and the player will recreate it using the default value.

Audioactive Playlist Editor User's Guide

This section describes how to use the included Audioactive Playlist Editor.

Adding to your playlist is easy!
The fastest way to add files to the playlist is using drag and drop. Just drag single files, multiple selection or even folders with sub folders from Windows Explorer to Playlist Editor.

You can also use the menu (Edit -> "Add File" or "Add URL" option) or program buttons ("Add File" or "Add URL") to add files to the playlist. Either action will produce the "Open File Dialog" or "Add URL Dialog", where you can select one or more files to add. In case of adding URLs, type the address in "Add URL Dialog."

Change item order
Use "Up" and "Down" buttons, or "Move Up" and "Move Down" options from the Edit or popup menu. To show the popup menu, simply right click on a playlist file.

Open, Save, Merge playlist
To open a playlist, use the menu (File -> "Open") or "Open" button to select the m3u file from "Open File Dialog." You can also drag the m3u file from Windows Explorer and drop it on the Playlist Editor.
To save your playlist, use the menu (File -> "Save") or "Save" button.

To merge playlists, use the menu (File -> "Merge") or drag the m3u file to the Playlist Editor with the CTRL key pressed. This will add the selected playlist content to the current playlist.

Play the playlist content and play single file
To play the playlist content, hit the "Play" button. To play a single file, double-click the desired file on the list. You can also right click an item and select "Play" from the popup menu. If "Play" doesn't work, check the options for player specification (below).

Edit ID3Tag information
To edit an ID3Tag, select the file to be edited. Click the "Edit Info" button or right click and select "Edit Info" from the popup menu or use the menu button(Tools -> "Edit Info"). The ID3Tag Editor supports ID3Tag versions 1.0, 1.1, 2.0. If you want to convert an existing Tag from version 1.x to 2.0 or earlier, use the "Enable ID3 version 2.0" checkbook.

When you use ID3Tag version 1.x, don't be surprised if the editor truncates the text you entered. The 1.x standard limits all text lengths to 30 characters. When you use the “Track Number” field, the “Comments” field will be truncated to 28 characters.

Specifying an external player
Use the menu option "Tools -> Options" to show Option Dialog. Type or browse to select the player that will be used to play back the desired files or playlists.

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