

Technics Audio Player User Guide

Overview

Technics Audio Player is simple GUI audio player software for Windows and Mac OS with high-resolution audio data processing capabilities. When connected to Technics products, it is capable of high-quality music playback. Both the ASIO2.1 and DoP (DSD audio over PCM) modes, DSD5.6/2.8 MHz files are supported. (Only DoP mode playback is supported on Mac)

Recommended hardware

PC with Intel Core 2 Duo 2.4 GHz or faster processor and 1 GB or more of memory.

Supported Operating Systems (as of December 2014)

Windows:

Windows Vista (32/64-bit)

Windows 7 (32/64-bit)

Windows 8 (32/64-bit)

Windows 8.1 (32/64-bit)

Mac OS:

OS X 10.7, 10.8, 10.9, 10.10

The Windows operating system requires dedicated USB driver software.

Supported files

Not only 2.8/5.6MHz DSD file, both PCM and FLAC files are supported up to 384 kHz.

Supported file formats and extensions:

PCM(.wav):	44.1-384 kHz, 16-32 bit
MP3(.mp3):	32-320 kbps
DSF(.dsf):	2.8224/5.6448MHz
DSDIFF(.dff):	2.8224/5.6448MHz
FLAC(.flac):	44.1-384 kHz, 16-32bit
AIFF(.aiff, .aif):	44.1-384 kHz, 16-32 bit
ALAC(.m4a):	32-96 kHz, 16-24 bit

Note:

Playback of files with formats that exceed the supported specifications of the connected equipment is not possible. For details, see the owner's manual for the connected Technics model being used.

Data is transferred into LPCM data to the connected equipment. Using Windows, transfer the DSD data directly only if you have selected DSD Native mode.

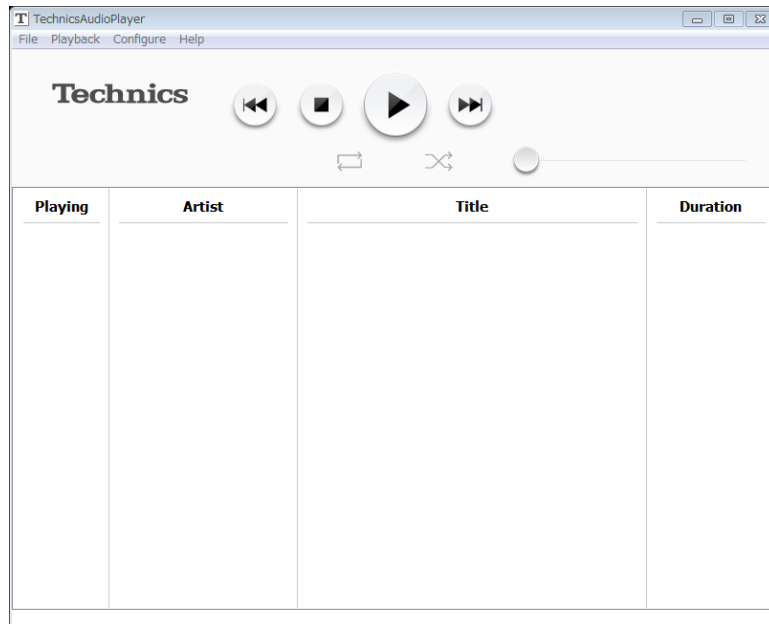
Depending on the PC status, sound interruption or noise may occur.

Settings in Windows

Starting the software

The Technics Audio Player does not use an installer. Double-click the program file TechnicsAudioPlayer.exe in the folder where you extracted the downloaded file. Place the folder on the desktop or anywhere else you like.

The window opens when TechnicsAudioPlayer.exe is launched.



Precaution before use

Do not move the program file TechnicsAudioPlayer.exe in the folder where it was extracted. If you put in any other place, please move each folder that has been extracted

Deleting the software

If you want to delete the Technics Audio Player software, delete the folder that contains the TechnicsAudioPlayer.exe program file.

Setting the device

Select [Device] from the [Configure] menu.

Note:

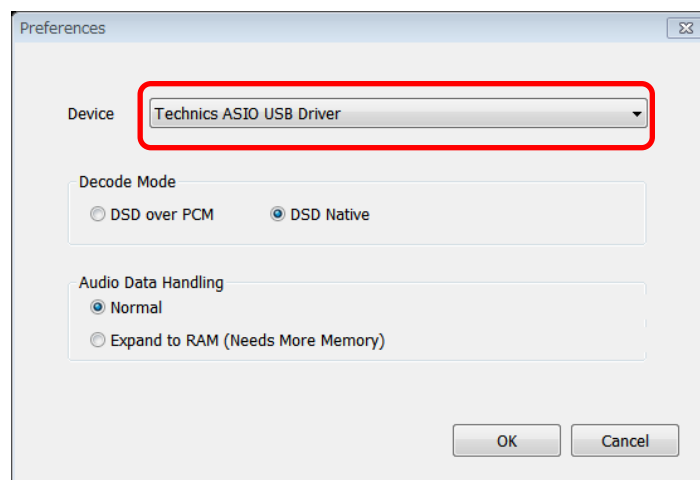
If this software is started before the Technics products, the device settings might be erased.

Please connect Technics products before starting the software.

Please connect with one Technics product at the same time. This software may not work properly when connected to multiple units.



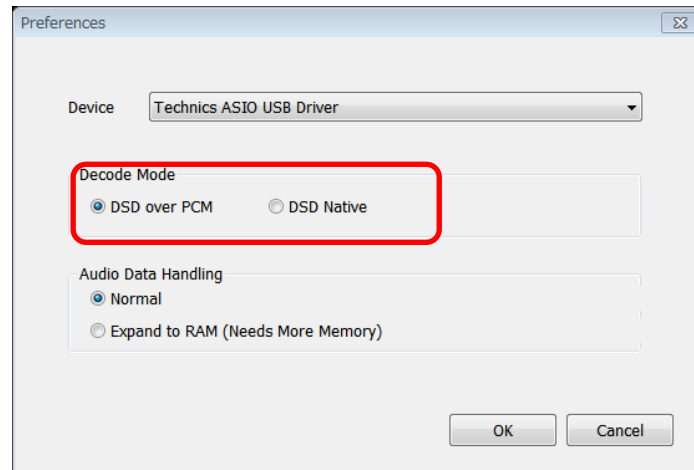
The [Configure] window opens. Select the “Technics ASIO USB Driver” from the [Device] menu.



Selecting DSD decoding mode

On the Technics Audio Player for Windows, you are able to choose the DSD decoding mode.

Select [Device] from the [Configure] menu. A [Configure] window opens, and choose [DSD over PCM] or [DSD Native] from the [Decode mode] menu, as you prefer.



[DSD over PCM]

This is a playback method called DoP (DSD audio over PCM frames). The DSD data is embedded into the PCM format for transfer.

[DSD Native]

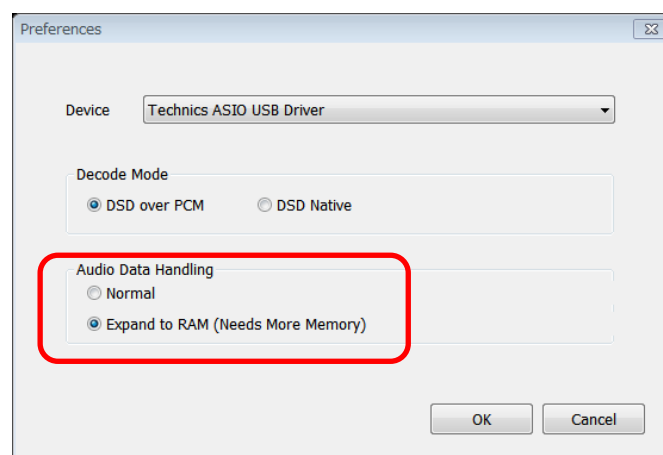
By the ASIO 2.1 driver, DSD file data is directly transferred without PCM conversion.

Selecting data loading method

File accessing methods are selectable for audio file playback.

Select [Device] from the [Configure] menu. A [Configure] window opens.

Choose [Normal] or [Expand to RAM] from the [Audio Data Handling] menu. For stable playback, choose [Expand to RAM]



[Normal]

Reading audio data by normal file access mode.

[Expand to RAM]

Before playback, store audio data from a file in the RAM of your PC. This allows your PC to process the stored data in RAM by omitting file access during playback and allowing stable playback by the system.

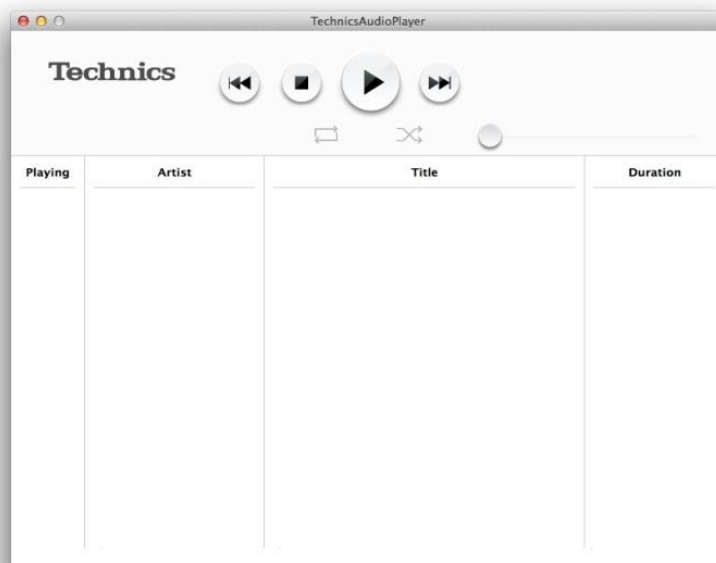
Note: When [Expand to RAM] mode is selected, it may take extra time to start playback on a slower PC.

Settings in Mac

Starting the software

The Technics Audio Player does not use an installer. Double-click the TechnicsAudioPlayer icon that appears when the downloaded file is opened. Place the TechnicsAudioPlayer icon on the desktop or anywhere else you like.

The window opens when TechnicsAudioPlayer is launched.



Note:

If the Gatekeeper setting is anything other than “Allow applications download from anywhere”, warning message will display.

In this case, click [OK] to close the warning message. And control-click the file and choose [Open] from the menu. When the warning message displays, click the [Open] button.

Setting the device

Select [Preferences...] from the [TechnicsAudioPlayer] menu.

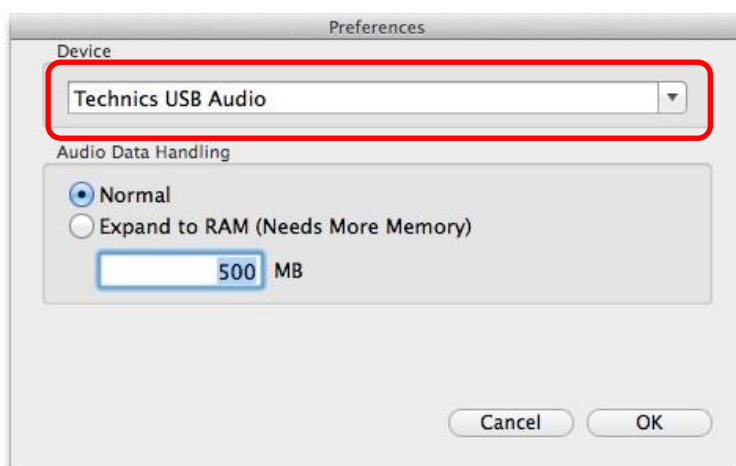
Note:

If this software is started before Technics products, the device settings might be erased.

Please connect Technics products before starting the software.
Please connect with one Technics product at the same time. This software may not work properly when connected to multiple units.



A [Preference] window opens. Select the connected “Technics USB Audio” from the [Device] menu.



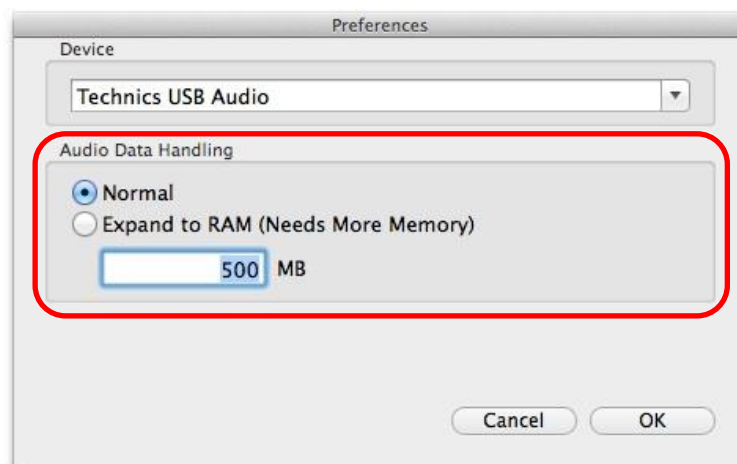
Selecting data loading method

File access methods are selectable for audio file playback.

Select [Preference...] from the [TechnicsAudioPlayer] menu. A [Preference] window opens.
Choose [Normal] or [Expand to RAM] from the [Audio Data Handling] menu. For stable playback, choose [Expand to RAM]



Select [Device] from the [Configure] menu. A [Configure] window opens. Choose [Normal] or [Expand to RAM] from the [Audio Data Handling] menu. To playback finer audio quality, choose [Expand to RAM]



[Normal]
Reading audio data by normal file access mode.

[Expand to RAM]
Before playback, store audio data from a file in the RAM of your PC. This allows your PC to process the stored data in RAM by omitting file access during playback, and stable playback by the system. **Note:** When [Expand to RAM] mode is selected, it may take extra time to start playback on a slower PC.

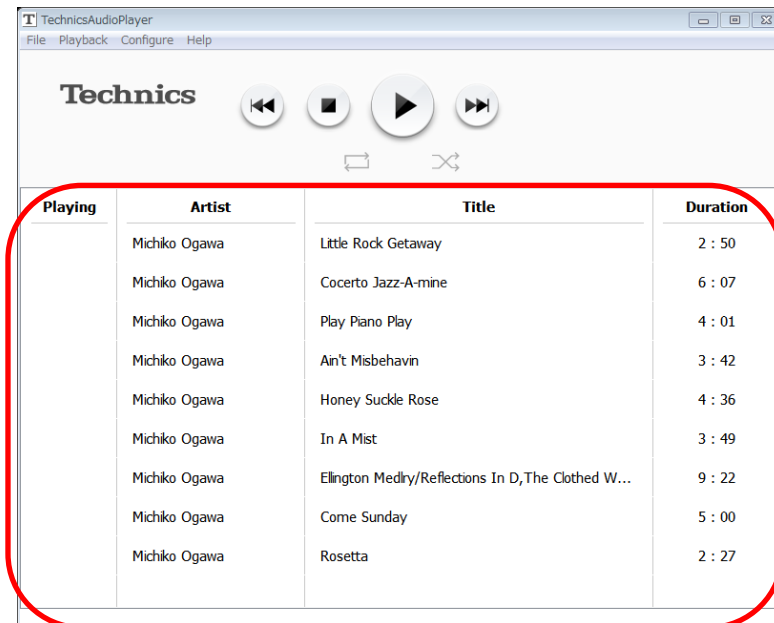
Operations

Operations are made in the same way for both Windows and Mac OS. In this document, we explain using Windows.

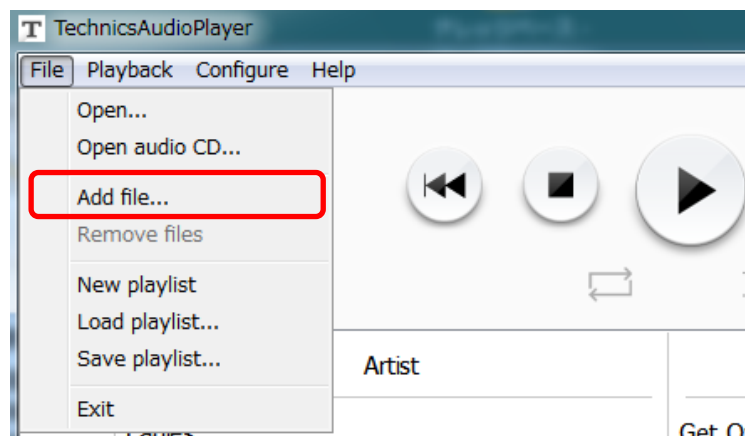
Preparing audio file

Prepare the audio files that you want for playback using the Technics Audio Player.

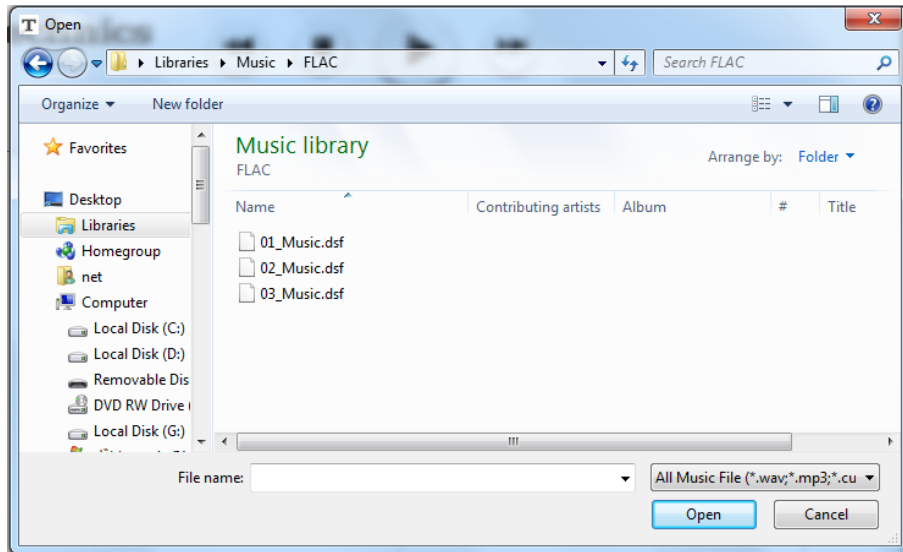
In the lower part of the main window called “Playlist,” add your audio files by following the steps listed below. You can also add your audio files by dragging and dropping the audio files directly into the playlist.



Select [Add file...] from the [File] menu at the top-left of the main windows. An [Add file] window opens.



Browse and select target files, then click the [Open] button to add them to the playlist of the Technics Audio Player. Multiple files can be selected at the same time.



Playback functions

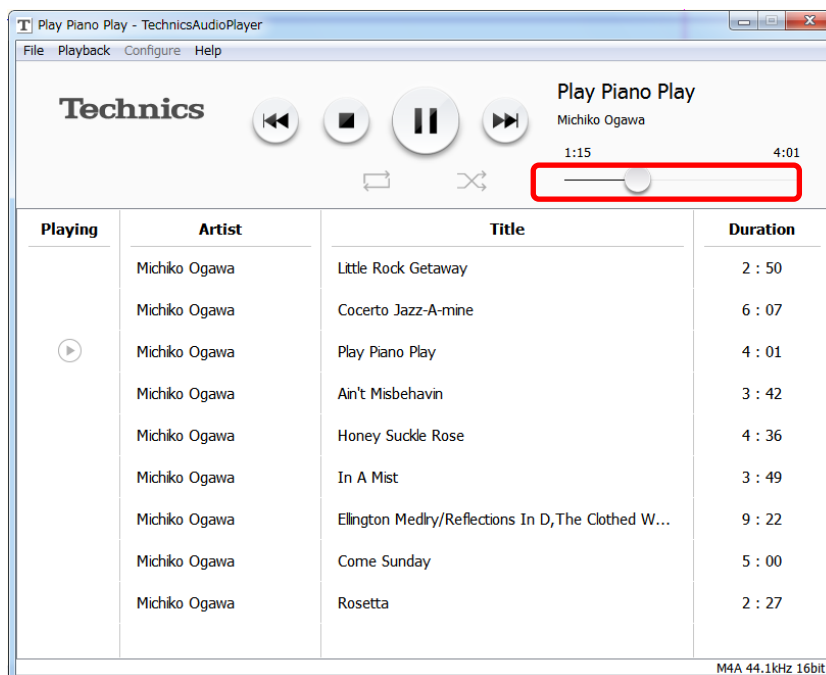
After creating a playlist, click the [PLAY] button to start playback from the beginning of the list. At this time the [PLAY] button changes to the [PAUSE] button.

Click the [STOP] button to stop or click the [PAUSE] button to pause.

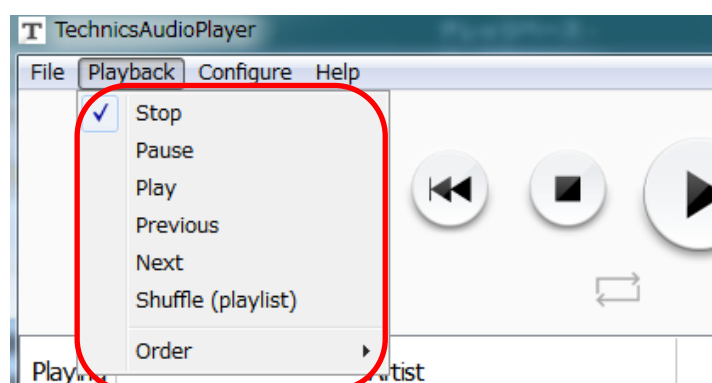
After stopping playback with the [STOP] button, press the [PLAY] button again to start playback from the beginning of the file where playback was stopped.

To start playback of any specific file, double-click the file in the list.

During playback, you can use the mouse with the slider below the time display to change the playback position as desired.



Alternatively, the following controls are accessible from the [Playlist] menu.



- | | |
|------------------------------|---|
| [Stop] | Stop the music. |
| [Pause] | Pause the music. |
| [Play] | Start playback. |
| [Previous] | Go back to the previous audio file in the playlist. |
| [Next] | Go to the next audio file in the playlist. |
| [Shuffle(playlist)] | Start shuffle play in the playlist. |
| [Order] | Select type of repeat play from this menu. |
| [Order] > [Default] | No repeat playback |
| [Order] > [Repeat(playlist)] | Repeat all audio files in the playlist. |
| [Order] > [Repeat(title)] | Repeat the selected audio file. |

Playlist Function

The audio files added to the playlist can be saved. It is convenient to save your favorite audio files as a Playlist.

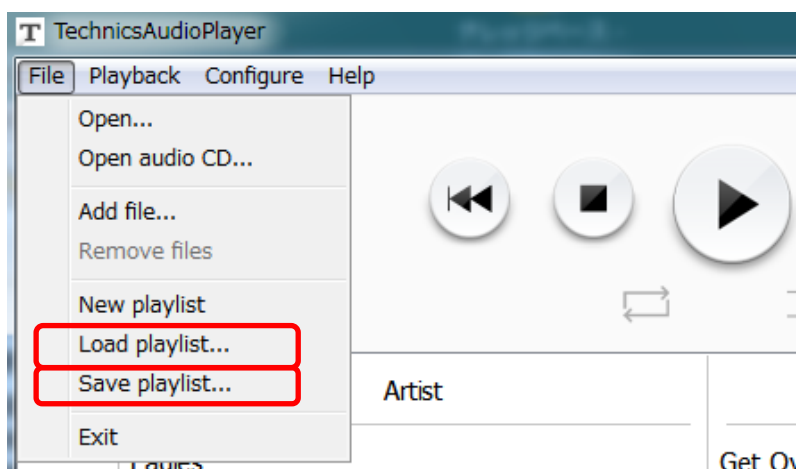
Unless you save the playlist audio files added to the list will not be saved when the Technics Audio Player closes.

Saving playlists

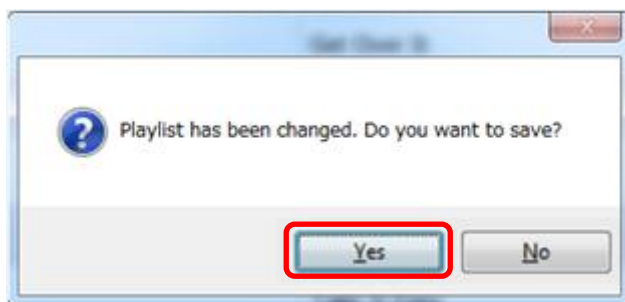
Select [Save playlist] from the [File] menu after adding audio files to the playlist. A [Save playlist] window opens, then click the [Save] button after choosing the appropriate location, to save the playlist on your PC.

Loading playlist

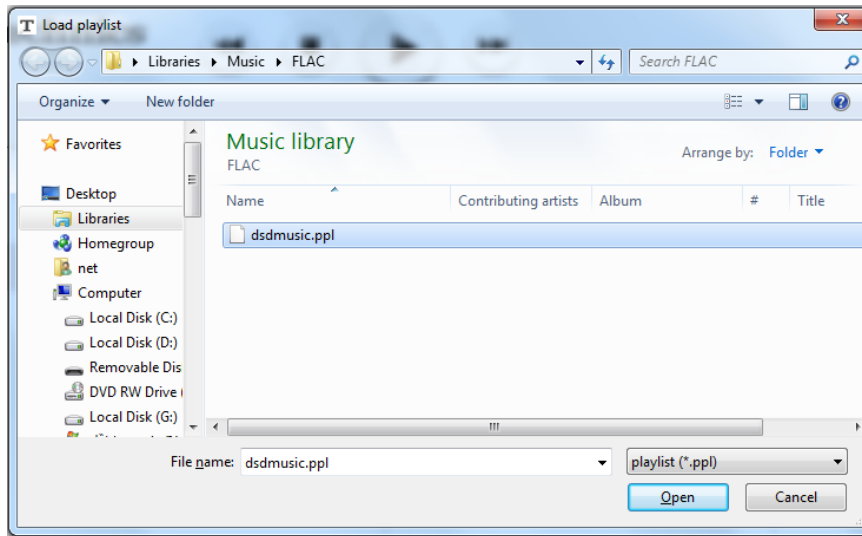
After the Technics Audio Player is launched, the main window shows nothing in the playlist where you are ready to playback your favorite audio files. Alternatively, you are able to switch to another Playlist, when audio files are displayed in the Playlist. The recommendation is to create multiple Playlist by genre or file formats to switch between them quickly. Select [Load playlist] from the [File] menu.



If audio files are added to the playlist, an alert window opens. To save the current audio files in the playlist, click [Yes] to save. To discard the current audio files in the playlist, click [No] to discard.



A [Load playlist] window opens. Choose a target playlist (extension .ppl) from the appropriate location on your PC, and click the [Open] button to load the selected playlist.



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Version 2.0, January 2004

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