

## OWNER'S MANUAL

### TEAC HR Audio Player Overview

Providing a high-resolution audio experience for everyone!

DSD 5.6MHz / PCM 384kHz audio file playback application for Windows/Mac.



The new TEAC HR Audio Player is a high-quality music player application for Windows and Mac, with high-resolution audio data processing capabilities. Combining TEAC's new high-res-audio USB DAC units like the UD-501, will allow uncomplicated high-res audio listening for everyone.

While conventional DSD file playback applications require professional know-how and deep digital music format understanding, the TEAC HR Audio Player allows you to listen to your audio as soon as you plug in your TEAC unit and install the application. Simply drag-and-drop your music files onto the window of the application, sit-back and enjoy.

In order to maximize the connected unit's performance, a simplified screen of the TEAC HR Audio Player helps reduce CPU load time while data processing. Choose between ASIO2.1 and DoP (DSD over PCM) modes when playing back DSD files from your Windows PC. Furthermore, the RAM Buffer Playback mode that stores the audio data onto the internal memory is supported for the ultimate digital audio playback conditions..

Regardless of your computer's OS, Mac or Windows, you are able to enjoy high-res audio files straight from your computer.

The TEAC HR Audio Player is a free application software download to help you playback and enjoy your high-res-audio files with ease..

### Supported products and OS

#### UD-501

Windows : Windows XP, Windows Vista, Windows 7  
\* Windows XP Professional x64 Edition is not supported

Macintosh : Mac OS X 10.7.x or later (Lion, Mountain Lion)

#### AI-501DA , UD-H01 , A-H01

Windows : Windows Vista, Windows 7

Macintosh : Mac OS X 10.7.x or later (Lion, Mountain Lion)

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## ◆KEY FEATURES

### ■ Easy-to-use and high quality-sound with compatible TEAC models

Everyone can enjoy high-res-audio files with ease when paired with TEAC's highly regarded USB DAC Units, such as the UD-501. Unlike other professional audio playback applications, the HR Audio Player is simple to use, and doesn't require additional plug-ins for use.

**Supported Models:** UD-501 , AI-501DA , UD-H01 , A-H01

\* DSD file playback is available only with the UD-501. Playable audio file depends on the connected unit..

### ■ ASIO 2.1 and DoP modes for DSD 2.8/5.6MHz playback



A combination of the UD-501 and a Windows PC supports DSD Native playback, processing DSD data into analog audio signal directly, without prior PCM conversion. Both ASIO 2.1 and DoP (DSD over PCM) modes, as well as both 5.6MHz and 2.8MHz DSD files are also supported with this configuration.

### ■ Various high-res-audio file formats other than DSD are supported

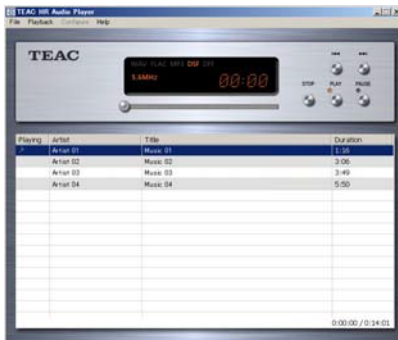
Not only 2.8MHz/5.6MHz DSD file, both PCM and FLAC files are supported as well, up to 384kHz.

**Supported File Formats:** dsf 2.8/5.6MHz PCM(wav) 44.1k~384kHz、16~32bit mp3 32k~320kbps  
diff 2.8/5.6MHz FLAC 44.1k~384kHz、16~32bit

### ■ DSD file playback on Mac

DoP mode playback is supported on Mac, for perfectly matched stylish designs like the UD-501.

### ■ Simplified screen design reduces CPU load, and enhances sound quality



The TEAC HR Audio Player achieves the finest sound quality through high-res audio and operates with ease. A modest but sufficient screen design allows the CPU to concentrate on the extremely large digital audio data processing, and the RAM Buffer Playback function storing digital audio data on the PC memory. The TEAC HR Audio Player was designed specifically as an ideal digital audio delivery system.

### Other functions

- Supports Playlists (Creating, Saving and Loading playlists)
- Repeat play by playlist or track
- Repeat play by playlist or track Shuffle play by playlist

## ◆DETAILS

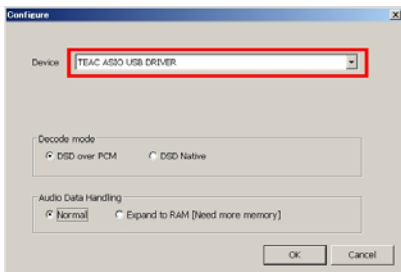
### How to setup Windows PC

The Main screen appears when the TEAC HR Audio Player is launched.

#### ■ Setting the device (USB DAC Unit)



Select [Device] from the [Configure] menu.

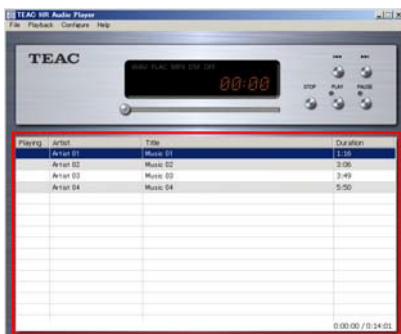


[Configure] window appears. Select the connected Audio Product from the [Device] menu.

This allows the PC to output the audio signal to the USB DAC.

On the USB DAC Unit, the UD-501 for example, select USB from the input selector.

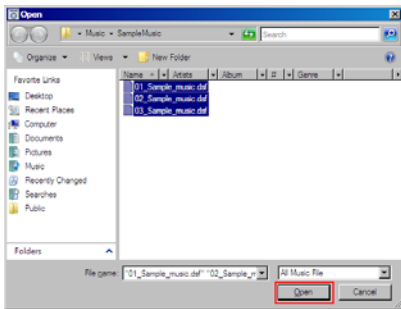
#### ■ Preparing the music files



In the lower part of the main window, the "Playlist," add your music files by following the steps listed below or drag-and-drop your music files directly into the Playlist.



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



Browse and select target files, then click the [Open] button to add them to the Playlist of the TEAC HR Audio Player.

Multiple files can be selected at once.

## ■ Playback the music files



Select a music file to play in the Playlist, then click the [Play] button to start playback.

Alternatively, double-click the target music file in the Playlist to play.

Click the [Stop] button to stop, or click the [Pause] button to pause.



Alternatively, the following controls are accessible from the [Playback] menu at the top-left.

**[Stop]** Stop the music.

**[Pause]** Pause the music.

**[Play]** Start to play the selected music file in the Playlist.

**[Previous]** Go back to the previous music file in the Playlist.

**[Next]** Go to the next music 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 music files in the Playlist.

**[Order]>[Repeat(title)]** Repeat the selected music file.

## ■ Managing the Playlists

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

\* Unless you save the Playlist, added music files in the list will disappear when the TEAC HR Audio Player is shut-down.

### • Saving the Playlist



Select [Save] from the [File] menu, after you added music files to the Playlist.

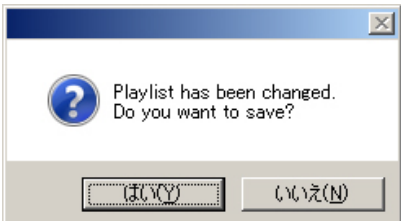
A [Save playlist] windows appears, then click the [Save] button after you choose an appropriate location, to save the Playlist on your PC.

•Loading a Playlist

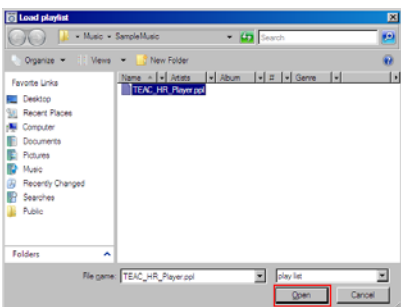


After the TEAC HR Audio Player is launched, the main window shows nothing in the Playlist. By loading the previously saved Playlist you are ready to playback your favorite music files. Alternatively, you are able to switch to another Playlist, when music files are displayed in the Playlist. It is recommended to create multiple Playlist by genre or file formats, to switch between them quickly.

Select [Load playlist] from the [File] menu.



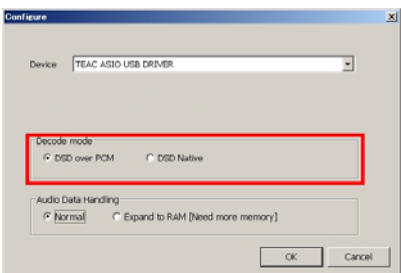
If music files are added to the Playlist (or another Playlist is loaded), an alert window appears. To save the current music file list in the Playlist, click [Yes] to save . To discard the current music file list in the Playlist, click [No] to discard.



A [Load playlist] windows appears. Choose a target Playlist (extension .pl) from the appropriate location on your PC, and click the [Open] button to load the selected Playlist.

■ To playback in finer audio quality (Advanced settings)

•Selecting DSD decoding mode



On the TEAC HR Audio Player Windows version, you are able to choose decoding mode.

Select [Device] from the [Configure] menu.

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

**[DSD over PCM]**  
("DoP" for short)

The DSD data is embedded into PCM format for transfer.

**[DSD Native]**

Thanks to the ASIO 2.1 driver, the DSD data is directly transferred, without prior PCM conversion.

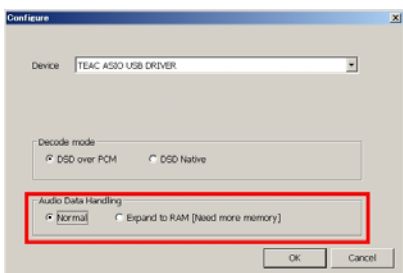
•Selecting data loading method



File accessing methods are selectable, for music file playback.

Select [Device] from the [Configure] menu.

A [Configure] window appears.



Choose [Normal] or [Expand to RAM] from the [Audio Data Handling] menu.

Tip: To playback a finer audio quality, choose the [Expand to RAM].

**[Normal]**

Reading digital audio data by normal file access mode.

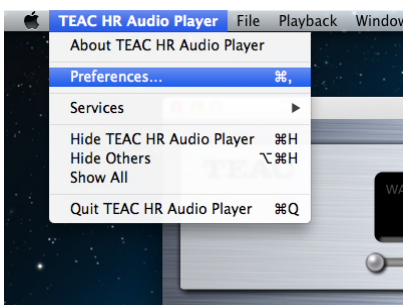
**[Expand to RAM]**

Storing digital audio data on to the RAM (Random Access Memory) of your PC. This allows your PC to process stored data on the RAM by canceling file access during playback, and allowing the system to playback in the finest audio quality.

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

## How to setup Macintosh

### ■ Setting the device (USB DAC Unit)



Select [Preferences...] from the [TEAC HR Audio Player] menu.



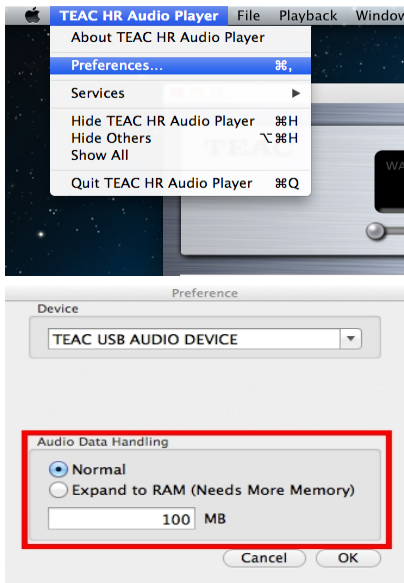
A [Preference ] window appears. Select the connected Audio Product from the [Device] menu.

This allows the PC to output the audio signal to USB DAC.

On the USB DAC Unit, the UD-501 for example, select USB from input selector.

## ■ To playback in finer audio quality (Advanced settings)

• Selecting data loading method



Selecting data loading method

File accessing methods are selectable, to playback music files.

Select [Device] from the [Configure] menu.

A [Configure] window appears.

Choose [Normal] or [Expand to RAM] from the [Audio Data Handling] menu. Tip: To playback in a finer audio quality, choose [Expand to RAM].

### [Normal]

Reading digital audio data by normal file access mode.

### [Expand to RAM]

Storing digital audio data on to RAM (Random Access Memory) allows your PC to process stored data on the RAM by canceling file access during playback, allowing the system to playback the finest audio quality.

When [Extend to RAM] is selected, you can allocate maximum size of memory as you need, to load entire data of the music file you listen to.

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