For Windows

Supported products

UD-501, UD-501-SP, UD-301, UD-301-SP, AI-301DA, AI-301DA-SP, UD-503, NT-503, AI-503, UD-505, NT-505, HR-X101(CR-H101)

Recommended hardware

PC with Intel Core 2 Duo or faster processor
and 1 GB or more memory

Supported operating systems (as of September, 2018)

Windows 7 (32/64-bit)
Windows 8 (32/64-bit)
Windows 8.1 (32/64-bit)
Windows 10 (32/64-bit)

Install the TEAC ASIO USB DRIVER before connecting the unit to a computer by USB.

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Driver installation procedures

NOTE

The screens used in this example are from Windows 7.

1 Double-click the TEAC-AudioHS.exe file to open the installation wizard.

If a Software (program) use confirmation pop-up appears, click "Run" or "Yes" to continue with installation of the driver file.

2 Select the language that you want to use for installation and click "Next".

3 Click "Next".

4 Check the contents of the Software License Agreement, select "I accept the terms in the license agreement" and click "Install".

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5 **If a Windows security pop-up message appears during installation, click "Install" or "Continue Anyway".**

When using Windows 7

Display example

6 **When the wizard's completion screen appears, click "Finish" to finish the installation.**

Connecting with a computer

The first time the unit is connected to one of the computer's USB ports, a driver will be detected automatically.

- Refer to the operation manual for connection procedures.

The first time the unit is connected to one of the computer's USB ports, a message will appear in the task tray.

Display example

After a short time, "Device driver software installed successfully." will appear.

Display example

If the connected unit has been recognized properly, when you open the Windows Sound Control Panel, "TEAC USB AUDIO DEVICE" will have been added as a playback device.

Windows 7 example

Setting the audio output device

When you open the Windows Sound Control Panel, the "TEAC USB AUDIO DEVICE" can be selected as the default device for sound playback.
The device selected here will be used to output Windows operation sounds and the sound of playback from Windows Media Player.

You must change the settings as follows to set the default device for sound playback.

1 After selecting "TEAC USB AUDIO DEVICE" on the Sound Playback screen, click "Properties".

2 Click the "Supported Formats" tab at the top of the Digital Audio Interface Properties screen.

3 Click the checkboxes next to "DTS Audio" and other formats in the "Encoded formats" list as necessary to deselect all the formats (no checks in any boxes).

4 Click "Apply" to confirm the setting.

5 Next, click the "Advanced" tab.

If the Default Format is set to "384000 Hz", click the right end of this setting to open a pull-down menu and select any sampling frequency of 192000 Hz or less.
Some software might not function properly if the sampling frequency is set to a value higher than 192000 Hz.

6 Click "OK" to confirm the setting.

Music playback software settings

To output audio from music playback software from this unit when connected to a computer by USB, set the sound playback device to "TEAC USB AUDIO DEVICE" in the settings of the software that you are using.
See the instructions for that software for details about how to set the sound playback device.
If the software does not have a sound output device setting, usually sound will be output from the device selected as the Default Device set for Windows sound playback as described above.

- If you only want the sound from specific software to be output from this unit, select "TEAC USB AUDIO DEVICE" in the settings of that software, but do not set "TEAC USB AUDIO DEVICE" as the Default Device for sound playback in the Windows Sound Control Panel.

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Changing the transmission mode

The transmission mode can be set to Isochronous or Bulk Pet for UD-505 and NT-505 models.
Moreover, with Bulk Pet, four different modes can be set for the data transmission pattern.

NOTE

- When this unit is first connected to a computer USB port, the transmission mode is set to Isochronous.
- Use TEAC HR Audio Player to change the transmission mode. Install it beforehand.

1 Launch TEAC HR Audio Player.

2 Select "Control Panel" from the "Configure" menu to open the TEAC USB AUDIO Control Panel.

3 Select the desired transmission mode (Mode).

The buffer size used for data transmission can also be adjusted.

NOTE

Installation of a Bulk Pet driver will begin the first time Bulk Pet is selected. When driver installation completes, a message such as the following will appear in the task tray.

Display example

When driver installation completes, follow the procedures under "Setting the audio output device" on the previous page.

For Mac

Supported products

UD-505, NT-505

Supported operating systems (as of January, 2018)

OS X Mavericks (10.9)
OS X Yosemite (10.10)
OS X El Capitan (10.11)
macOS Sierra (10.12)
macOS High Sierra (10.13)

Driver installation procedures

This driver must be installed to use the Bulk Pet transmission mode.

- Restarting the operating system is necessary during installation. Quit other applications before beginning driver installation.

1 Uncompress the downloaded file.

2 Double-click "TEAC USB AUDIO.pkg" to start installation.

3 Click the "Continue" button.

4 Check the contents of the Software License Agreement and click the "Continue" button.

5 Click the "Agree" button.

6 Confirm that the hard disk selected for software installation has enough open space, and click the "Install" button.

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7 **Quit other applications before clicking the "Continue Installation" button.**

An administrator account and password must be input to install the software.

8 **When "The installation was successful." appears, click the "Restart" button to quit the installer.**

Changing the transmission mode

The transmission mode can be set to Isochronous or Bulk Pet for UD-505 and NT-505 models.
Moreover, with Bulk Pet, four different modes can be set for the data transmission pattern.

NOTE

- When this unit is first connected to a computer USB port, the transmission mode is set to Isochronous.
- Use TEAC HR Audio Player to change the transmission mode. Install it beforehand.

1 Launch TEAC HR Audio Player.

2 Select "Control Panel" from the "TEAC HR Audio Player" menu to open the TEAC USB AUDIO Control Panel.

3 Select the desired transmission mode (Mode).

- The buffer size used for data transmission cannot be adjusted when using a Mac.

TEAC ASIO USB DRIVER Release Notes

Windows version

Ver. 1.0.28

- In Ver 1.0.27, when set to Isochronous, playback with foobar2000 was not possible. This has been fixed.

Ver. 1.0.27

- The first time the ASIO USB DRIVER was installed in Windows 10, files other than those with specific sampling frequencies could not be played back. This has been fixed.
- In Windows 10, if TEAC ASIO USB DRIVER was selected as the Audio Device in TEAC Hi-Res Editor, an error would occur and TEAC Hi-Res Editor would quit. This has been fixed.

Ver. 1.0.21

- Support was added for 768kHz PCM and 22.5MHz DSD playback by NT-505 and UD-505 models.
- Support was added for Bulk Pet.

Ver. 1.0.10

- When not using the ASIO Driver for playback, for example when using Windows Media Player or iTunes, pausing or starting playback at certain times could cause noise in the playback sound. This has been fixed.
- Support was added for Windows 10.

Ver. 1.0.8

- We have responded to an issue with the appearance of the TEAC ASIO USB DRIVER Control Panel during 11.2MHz DSD playback.
- Due to a digital signature update, support for the Windows Vista OS has been discontinued.
  Since the only issue corrected was the above display issue, Windows Vista users should install or continue to use version 1.0.6.

Ver. 1.0.6

- Support was added for 11.2MHz DSD playback using the UD-503 model.

Ver. 1.0.3

- The UD-301 and AI-301DA are now supported.

Ver. 1.0.2

- When connected to a USB 3.0 host controller made by Renesas (NEC), the supported products would not be recognized properly in some cases. This has been fixed.
- When the driver is installed on Windows 8, Windows 7 or Windows Vista, the "Default Format" bit rate and sampling rate settings in the sound playback device properties for the TEAC USB AUDIO DEVICE are now 24-bit/192000Hz.
  For more about this setting, see Step **5** in "Setting the audio output device" on page 3.

Mac version

Ver. 1.0.0

- Bulk Pet is now supported.

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