

Installation guide for the ESOTERIC ASIO USB DRIVER

Windows

Recommended hardware

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

Supported operating systems

Windows 7 (32/64-bit) Windows 8 (32/64-bit) Windows 8.1 (32/64-bit) Windows 10 (32/64-bit) (as of February, 2018)

Precautions before installation

Install the dedicated driver software before connecting the 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 ESOTERIC Audio USB DRIVER.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".

ESOTERIC ASIO USB DRIVER - InstallShield Wizard	2
Select the language for this installation from the choices below. English (United States)	•
InstallShield	Next > Cancel

3 Click "Next".



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



• If the following pop-up message appears during installation, click "Install" or "Continue Anyway".

Display example



5 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 owner's manual of this unit 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, "ESOTERIC USB AUDIO DEVICE" will have been added as a playback device.

Display example

💮 Sound	×
Playback p	Recording Sounds Communications
Select a p	layback device below to modify its settings:
	Digital Audio Interface ESOTERIC USB AUDIO DEVICE (Isoch) Default Device
	Speakers High Definition Audio Device Ready
Configu	ve Cat Default W Despecties
	<u>≥et Detault</u> <u>Properties</u>
	OK Cancel Apply



Setting the audio output device

When you open the Windows Sound Control Panel, the "ESOTERIC 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 "ESOTERIC 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).

🐲 Digital Audio Interface Properties	x
Genera Supported Formats evels Advanced	
Encoded formats Which of the following formats is your Digital Receiver able to decode?	
DTS Audio Dolby Digital Vicrosoft WMA Pro Audio	
Sample <u>R</u> ates Which of the following sample rates are supported by your Digital Receiver? Image: State of the system Image: State of the system <td></td>	
✓ 48.0 kHz ✓ 176.4 kHz <	
OK Cancel App	y

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.

• After changing this setting once, "384000 Hz" will not appear again.

Digital Audio Interface Properties
General Supported Formats Levels Advanced
Default Format Select the sample rate and bit depth to be used when running in shared mode. 2 channel, 24 bit, 192000 Hz (Studio Qualit: Test
Exclusive Mode Image: Control of the second seco
Restore Defaults
OK Cancel Apply



Audio playback software settings

To output audio from audio playback software from this unit when connected to a computer by USB, set the sound playback device to "ESOTERIC 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 "ESOTERIC USB AUDIO DEVICE" in the settings of that software, but do not set "ESOTERIC USB AUDIO DEVICE" as the Default Device for sound playback in the Windows Sound Control Panel.

Changing the transmission mode

With the K-01Xs, K-03Xs and other units that support Bulk Pet, the transmission mode can be set to lsochronous or Bulk Pet. 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.
- Change settings when playback is stopped.

The two ways to change the transmission mode are as follows.

Open the ESOTERIC ASIO USB DRIVER Control Panel, and change the transmission mode.

After the ESOTERIC ASIO USB DRIVER is installed, the following icon will appear in the Windows Control Panel.



Double click this icon to open the ESOTERIC ASIO USB DRIVER Control Panel where you can select the desired transmission mode.

Use ESOTERIC HR Audio Player to change the transmission mode.

1 Launch ESOTERIC HR Audio Player.

ESOTERIC Eile <u>P</u> layba	HR Audio Player ck <u>C</u> onfigure <u>H</u> elp				-		×
Es	OTERIC	WAV AIFF FLAC ALAC	MP3 DSF DFF	STOP	PLAY	PAUSE	
Playing	Artist	Title			Dura	ition	
					0:00:	00 / 0:00):00

2 Select "Control Panel" from the "Configure" menu to open the ESOTERIC ASIO 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.



Mac

Supported operating systems

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) (as of February, 2018)

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 "ESOTERIC 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.

• • •	🥪 Install ESOTERIC USB AUDIO	
	Software License Agreement	
Introduction	English	
License	Software License Agreement	
Destination Select	END-USER LICENSE AGREEMENT FOR TEAC APPLICATION SOFTWARE	
Installation Type	IMPORTANT - READ CAREFULLY: This End User Lisense Assessment is a long assessment between your (sither an individual or a	
Installation	single entity) and TEAC Corporation ("TEAC") for the software identified above, which includes computer software and associated media and printed materials (if any), and may include online or	
Summary	electronic documentation (hereinafter referred to as SOFTWARE). By installing, copying, or otherwise using the SOFTWARE, you agree to be bound by the terms of this Agreement. If you do not agree to the terms of this Agreement, you are not authorized to use the SOFTWARE. The SOFTWARE is protoced by copyright laws and international copyright retains, as well as other intellectual property laws and tratatist. The SOFTWARE is the constant, not sold.	
	1 GRANT OF LICENSE. This Agreement grants you the following rights: Use and Corpy. TEAC grants to you the right to use copies of the SOFTWARE only for TEAC PRODUCTS you have. You may also make a copy of the SOFTWARE for backup and archival purposes. 2 NESTRICTIONS. You may not distribute copies of the SOFTWARE to third parties. YOU may not distribute copies of the SOFTWARE to third parties. YOU may not distribute copies of the SOFTWARE to third parties. YOU may not distribute copies of the SOFTWARE to third parties. YOU may not also the SOFTWARE. YOU may not also the SOFTWARE to third parties. YOU may not also the software terminate upon the disposal of your TEAC PRODUCTS. YOU may not also the software upon the disposal of your TEAC PRODUCTS. YOU may not also the software upon the disposal of your TEAC PRODUCTS. YOU may not also the software upon the disposal of your TEAC PRODUCTS. YOU may not also the software upon the disposal of your TEAC PRODUCTS.	
	Print Save Go Back Continue	

5 Click the "Agree" button.



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

• • •	😺 Install ESOTERIC USB AUDIO	
	Standard Install on "Macintosh HD"	
 Introduction License Destination Select Installation Type Installation Summary 	This will take 1.4 MB of space on your computer. Click Install to perform a standard installation of this software on the disk "Macintosh HD".	
	Change Install Location	

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

000	😺 Install ESOTERIC USB AUDIO	
Introductio	When this software finishes installing, you must restart your computer. Are you sure you want to install the software now?	
License	Software	
Destinatio	Cancel	
Installation type		
Installation		
Summary		
	Change Install Location	
	Go Back Install	

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

Installer is trying to install new software. Type your password to allow this.
Username:
Password: •••••
Cancel Install Software

000	🥪 Install ESOTERIC USB AUDIO	
 Introduction License Destination Select Installation Type Installation Summary 	Install ESOTERIC USB AUDIO Installing ESOTERIC USB AUDIO Optimizing system for installed software Install time remaining: About 3 minutes	
	Go Back Continue	

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

	😺 Install ESOTERIC USB AUDIO	
 Introduction License Destination Select Installation Type Installation Summary 	Install ESOTERIC USB AUDIO The installation was completed successfully. The installation was successful. The software was installed.	
	Click Restart to finish installing the software. Go Back Restart	



Changing the transmission mode

With the K-01Xs, K-03Xs and other units that support Bulk Pet, the transmission mode can be set to Isochronous or Bulk Pet. 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 lsochronous.
- Change settings when playback is stopped.

The two ways to change the transmission mode are as follows.

Open the ESOTERIC USB AUDIO Control Panel in the System Preferences.

After the ESOTERIC USB AUDIO DRIVER is installed, the following icon will appear in the System Preferences.



Double-click this icon to open the ESOTERIC USB AUDIO Control Panel where you can select the desired transmission mode.

Use ESOTERIC HR Audio Player to change the transmission mode.

1 Launch ESOTERIC HR Audio Player.

ESOTERIC	WAY ARE FLAC ALAC MP3 DSE DEF	STOP PLAY PAUSE
Artist	Title	Duration
		0.00.00/0.0

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





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

••• < >		ESOTERI	C USB AUDIO	-	Q. Search
Mode	Isochronous	1	2 O	k Pet3	4
Buffer Size :					
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