We do not support TASCAM Professional Software SONAR LE. If you need customer support, we ask for your consideration of upgrading to SONAR X3 series.

For how to use, refer to the help menu of SONAR LE.

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Notations in this manual

In this manual, we use the following conventions:

- Words that appear on the computer display are shown in quotation marks like this: "OK"
- Additional information is provided as necessary as tips, notes and cautions.

Tip

Describes a tip such as how the device can be used.

Note

Gives a supplementary explanation, an explanation of special cases, etc.

Caution

Described when failure to follow the instruction may cause injury to a person, damage to the device, or a data loss.

About trademarks

- TASCAM is a trademark of TEAC CORPORATION, registered in the U.S. and other countries.
- Microsoft, Windows, Windows 7, Windows 8 and Windows Media are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Cakewalk is a registered trademark or trademark and SONAR LE is a trademark of Cakewalk, Inc.
- ASIO is a trademark and software of Steinberg Media Technologies GmbH. VST is a trademark of Steinberg Media Technologies GmbH.
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How to install

To get SONAR LE, you need to download it from the website of Cakewalk. The software is provided by downloading so that you can always use the latest version.

Downloading SONAR LE

1. Access the following URL and set the language to English. http://www.cakewalk.com/redeem/?promo=SONARX3LE&kl=16



2. Enter the names, e-mail address, and redemption code and then click "Redeem". The redemption code is described in the license card included in the audio interface.

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First Name:	
Last Name:	
E-mait	
I would like to receive emails with special offers and updates	
Redemption code:	
Redeem	

- 4. Double-click the installer to start up.
- 5. Set the language to English in language selection. Check each field and click "Next" to proceed.
- 6. Enter the user name, the company name, and the serial number acquired in 3, and then click "Next".

💷 Setup - SONAR LE	-
Get Registration Information User Info	
Please enter the Name, Company, and Serial Number of the Registered User	
Name: (Required)	
Company: (Optional)	
Serial Number: (Required)	
< Back Next > Cancel	

7. Click the Install button to start installation of SONAR.



- 8. When the installation is completed, a pop-up screen is displayed. Click OK to finish the installation.
- Click "SONAR LE" to download and save an installer. A serial number of SONAR LE is displayed at the same time. An e-mail is sent to the registered address. Carefully record the serial number by taking a note or in another way.



How to register

We request you to register for SONAR LE to distinguish authorized users. The software cannot be used without registration.

Registering SONAR LE

 When launching SONAR LE, you are prompted to enter a registration code. Click "Register".

Complete Registration
Thank you for using SONAR LE!
You have 30 day(s) left to register this product.
In order to continue using this product past the initial period you must obtain a registration code.
Please do the following:
1. Register online at the Cakewalk Website."
Check your email for the confirmation message containing your registration code.
3. Enter your registration code into the box below.
Serial number:
Registration Code: Complete
*If you do not have access to the web, please click 'More Info' for information on obtaining your registration code by phone.
More Info Register Later

2. You will be connected to the user registration site. Follow instructions on the screen to get a registration code.

Now the registration has been completed and the software is ready for use.

How to record

Settings of SONAR LE are common to Windows 7 and Windows 8. The following images are examples of screens where a US-200 is used on Windows 7.

Preparation (enabling the device)

1. Launch SONAR LE. If the Quick Start window is displayed, click "CLOSE".

Note

Selecting "Getting Started" will launch a web browser and open an online tutorial. We recommend you to refer it.

Quick Star	t	×
1	Open a Project	
	Open a Recent Project	▼
	Create a New Project	
	Online Videos and more	
?	Getting Started	
🔍 сноч	# THIS AT STARTUP	CLOSE

[Quick Start window]

2. From the "Edit" menu, select "Preferences...".

,	
SONAR LE	
File Edit Utilities Help	
Preferences P	
Smart Select Move Edit Draw Erase	Snap Marks
SONARLE	

 Click "Devices" on the left side of the "Preferences" screen and select "US-200" in the "Input Drivers" and "Output Drivers" fields on the right side. Select "US-200" in each of the "Input Drivers" and "Output Drivers" fields.

Multiple items may be selectable depending on the audio interface. In this case, select all items having the name of the corresponding audio interface.

adio	Select audio recording and playb	ack devices.	
Devices Driver Settings Playback and Recording	Check/uncheck an entry to enable/ Click on a friendy name to edit it. Input Drivers	disable the driver.	
IDI Devices Instruments Control Surfaces Playback and Recording le Folder Locations	Hendy Name	Driver Name	
Audio Data VST Settings ustomization Display Colors	Friendly Name US-200 US-200 out 1 US-200 US-200 out 3	Driver Name US-200 US-200 out 1 US-200 US-200 out 3	
	Lise friendly names to represent	audio drivers.	_

Note

"Generic Low Latency ASIO Driver" may be selected by default. Since only one device can be enabled in SONAR LE, if "Generic Low Latency ASIO Driver" is selected, you cannot select an external audio interface.

In this case, remove the checkmark from "Generic Low Latency ASIO Driver" and then select the audio interface.

- 4. After selecting, click "Apply". Necessary adjustments will be automatically carried out.
- 5. Click "Devices" on the left side of the "Preferences" screen and check that "US-200" is selected in the "Playback Timing Master" and "Record Timing Master" fields on the right side. Multiple items may be selectable depending on the audio interface. In this case, select all items having the name of the corresponding audio interface.



 Now the device settings have been completed. Click "CLOSE" to close the screen. Next, create a project for recording sounds.

Note

- Click "ASIO Panel" to open the driver screen for the audio interface.
- 7. From the "File" menu, select "New".



8. The "New Project File" window is displayed. Enter an arbitrary project name in the "Name" field. Select "Normal" in the Template field and click "OK".

Note

It is useful if the name is after the title of the music, etc. If there is no appropriate name because the production has not started yet, give a name such as "test".

Tip

If you select "16 Track Audio" in the "Template" field, a project which has 16 audio tracks from the start is created. It is useful for recording audio.

If you are producing a music using a MIDI keyboard or a plug-in synthesizer, "16 Channel MIDI" is useful.

New Project I	File	×
<u>N</u> ame:	[OK
Location:	C:\Cakewalk Projects	 Cancel
<u>A</u> udio Path:	C:\Cakewalk Projects\Audio	 Help
	Store Project Audio in its own Folder.	
<u>T</u> emplate:	Blank Project 16 Channel MIDI 15 Track Audio 24 Track Audio Acid Techno Electronic Normal Rock	

9. The project opens. In the "Inspector" section on the left side of the screen, the two tracks "Audio" and "Master" are displayed. "IN/OUT" indicates the input source and output destination of each track. Check that the output destination of "Master" track is "US-200 out 1". If another item is selected, select "US-200 out 1".



Now sounds of SONAR LE can be output to the US-200.

Тір

"US-200 out 1" indicates the first output terminal (Output 1). Though output sounds are stereo, Output 2 is not displayed. If you select "US-200 out 3", sounds of SONAR LE will be output to 3 and 4 of the US-200 (Output 3/4).

Recording

 Select a track to be recorded and then select an input bus (signal path of input source) in the "Inspector" section on the left side of the screen. If the US-200 is connected, select "Left US-200 US-200 in 1".

Now sounds from the input terminal 1 of the US-200 can be input into the track.



Turning on the input monitor button at this time allows you to listen input sounds at all times.



2. Click the "Arm" button for the track to turn on (light up in red).



3. Click the "Record" button in the "Control bar" section on the top side of the screen to start recording.



- After the playing is finished, click the "Stop" button and then click the "Arm" button to turn off (light out). Perform other operations such as rewinding as necessary.
- 5. Repeat the above 1. to 4. steps to mix sounds.

Тір

When recording a vocal or acoustic guitar sound with one microphone, use the mono track. When recording a piano sound with two microphones or a keyboard sound via stereo line input, use the stereo track.

Clicking "Interleave" button in the "Inspector" section switches between mono and stereo.



Mix-down

Mix-down is a process of combining sounds of a project recorded and produced in multiple tracks into a stereo file.

1. First, select a range to be mixed down. Move the cursor to the starting point and click "Set Thru = Now" of the "Transport Bar".



- 2. Move the cursor to the ending point in the same way and click "Set Thru = Now".
- 3. From the "File" menu, select "Export" and then "Audio".



 Set each field of the "Export Audio" window and click the "Export" button.

Look in:	🍶 Audio Library			- (• 💷 💜 😰 🎯	
ecent Places	Name Backing Tra Drums Loops One Shots	cks		00011	Date modified 19/01/2014 11:11 19/01/2014 11:11 3/02/2014 16:37 3/02/2014 16:37	Type File folder File folder File folder File folder
Computer						
Network	File game: Files of type:	 Wave	m		; (Export Cancer Help
Network	File game: Files of type:	 Wave	Channel <u>E</u> ormat	•	Preset	Export Lieb

On this screen, set the name of the file to be exported, save location, file format, sampling rate (sampling frequency), bit depth (bit rate), and others.

5. When the export is completed, the mix-down process is also completed.