YAMAHA

Cubase Al Instruction Guide for THR-II

Introduction

This manual explains the process for customers who have purchased the THR-II and want to record their guitar performances using Cubase AI.

Important

In order to use Cubase AI, you must acquire a license.

Follow Steps 1 to 4 below to acquire a license.

- 1 User registration (creating a Steinberg ID)
- 2 Getting an activation code
- 3 Downloading Cubase Al
- 4 Activating the Cubase AI license

This manual provides only an overview for acquiring the license. If the actual information displayed on your screen varies from the explanations in this manual, check for the latest information on Steinberg's website, official FAQs, official videos, and the like.

1. User registration (creating a Steinberg ID)

In order to acquire a license for Cubase AI, you must first register as a user. Steinberg offers a user registration system called MySteinberg, allowing you to create a user ID (called Steinberg ID). Access MySteinberg from the URL below and then create your Steinberg ID.

MySteinberg

https://www.steinberg.net/en/mysteinberg.html

2. Getting an activation code

Log into your MySteinberg account, and then enter your Download Access Code, which is listed in the "Cubase AI Download Information" leaflet included with the THR-II, to the account to get your activation code.

3. Downloading Cubase AI

In order to download Cubase AI, use the Steinberg Download Assistant. Steinberg Download Assistant is software for downloading installers, and is available in your MySteinberg* account. Multiple Steinberg products are displayed on the Steinberg Download Assistant. Select Cubase AI and then download the installer. Use the installer you downloaded to install Cubase AI.

* As of June 2020, this is available from the same screen where the activation code is obtained.

4. Activating the Cubase AI license

To activate your Cubase AI license, use the eLicenser Control Center, a special software app for managing licenses. When you install Cubase AI, the eLicenser Control Center is also automatically installed. Start the eLicenser Control Center, and then enter your activation code to activate your Cubase AI license.

Recording Your Guitar Performance with Cubase AI

- 1. Connect the THR-II and your computer via a USB cable, and then turn the power on.
- 2. Double-click* the Cubase AI shortcut icon.



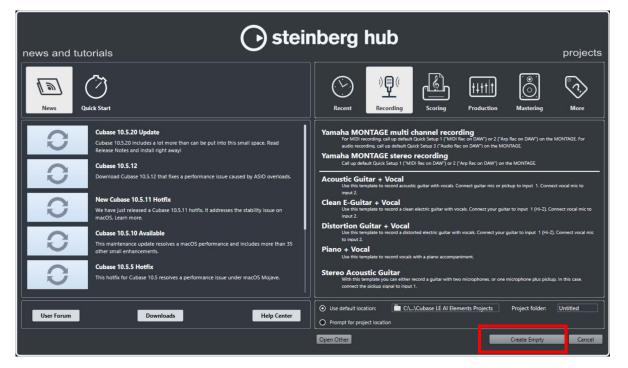
* If the [Audio Driver Setup] dialog is displayed during start-up, select [Generic Low Latency ASIO Driver] (or for Mac, the name of the connected THR-II series), and then click [OK].

🔹 Audio Driver Setup	\times
To ensure that you actually hear audio from Cubase LE Al Elements, please select the driver of your audio interface from the list below. This is required for correct routing of playback and recording signals to your audio hardware.	
If you are using the built in audio connections of your computer, please select "Generic Low Latency ASIO Driver".	
 Generic Low Latency ASIO Driver Realtek ASIO Yamaha Steinberg USB ASIO 	
You can change your driver selection and settings at any time in the Studio Setup dialog (Studio menu > Studio Setup) in the VST Audio System section.	
If you have an audio interface with multiple inputs and outputs, you might need to configure your routing afterwards in the Audio Connections dialog (Studio menu > Audio Connections).	
OK Cancel	

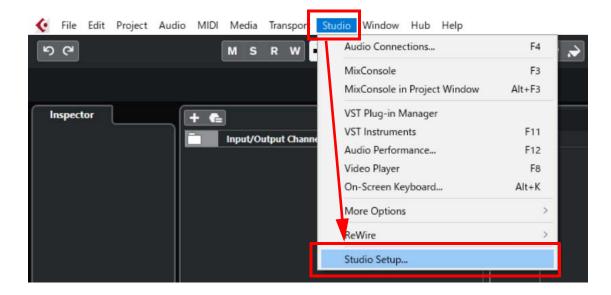
The [steinberg hub] screen opens.

3. Select [Create Empty].

An empty project starts up.



4. In the Cubase AI menu bar, select [Studio], and then click [Studio Setup]. The [Studio Setup] screen opens.



5. On the left side of the screen, select [VST Audio System], and then check that the [ASIO Driver] field in the top-right of the screen is set to [Generic Low Latency ASIO Driver*].

≰ Studio Setup	×
14	VST Audio System
Devices	Generic Low Latency ASIO Driver ASIO Driver
Chord Pads	Release Driver when Application is in Background
- MIDI	Input Latency: 20.000 ms
MIDI Port Setup Remote Devices	Output Latency: 20.000 ms
····· Track Quick Controls	ASIO-Guard Latency: 20.000 ms
VST Quick Controls	HW Sample Rate: 44.100 kHz
a Record Time Max	HW Pull Up/Down: Off
Mideo	Advanced Options Set to Defaults
VST Audio System	32 bit float Processing Precision
VST System Link	Activate Multi Processing
	Activate ASIO-Guard
	ASIO-Guard Level: • low O normal • high
	Normal Audio Priority
	Activate Steinberg Audio Power Scheme
	2 Seconds Disk Preload
	Adjust for Record Latency
	0 Samples 🗧 Record Shift
	Reset Apply
	OK Cancel

- * For Mac, allocate the name of the connected THR-II series and then close the screen. Then, proceed to Step [7].
- * If the [ASIO Driver] field is not set to [Generic Low Latency ASIO Driver], click the downward arrow ▼ and then switch the driver.

6. Select [Generic Low Latency ASIO Driver], and then click [Control Panel] in the top-right of the screen.

The [Generic Low Latency ASIO Driver] screen opens.

🐓 Studio Setup						×
	Gene	ric Low Latency ASIO Drive	r			
Divices		Control Panel	Input Latency:	20.000 ms		
Chord Pads			Output Latency:	20.000 ms		
Chord Pads	Intern	Clock Source	output catchey.	20.000 113		
MIDI		ternally Clocked				
🍘 MIDI Port Setup		rect Monitoring				
Remote Devices		rect Monitoring				
Track Quick Controls	Ports	Reset				
Transport	1/0	Port System Name	Show As	Visible	State	
Record Time Max	In	-1	- 1	×	Active	^
Video	In	- 2	- 2	×	Active	
Video Player	Out	- 1	-1	×	Active	
	Out	- 2	- 2	×	Active	-
Generic Low Latency ASIO Driver						
VST System Link	_					
	_					
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			Res		Apply	
			ives	et	Арріу	
				OK	Cance	el 👘

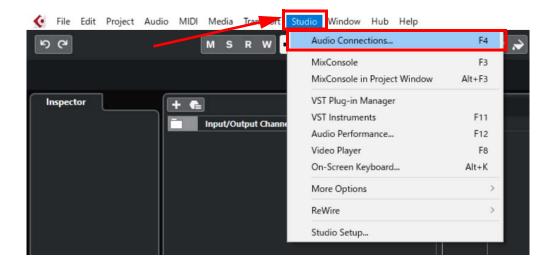
7. For both [Input Ports] and [Output Ports], place a check only in the name of the connected THR-II series*, and then click [OK].

E Generic Low Latency ASIO Driver - Version 1.0.12.17 - x64				
Card Options Allow ASIO host application configuration	n to take exc	clusive control	of selected	d port
Audio buffer size				
User definable	Selected	l buffer size:	10 millise	econds
small	middle			large
Output Ports				
Device Name		Audio Channel	Bits per Sample	
🛛 Speakers (THR3011A WIR	,	2	16	
EV2455 (Intel(R) Display A	udio)	2	16	
Speakers (THR30IIA WIRELE	SS)			
Input Ports				
Device Name		Audio Channel	Bits per Sample	
🛛 Microphone (THR30IIA W	IRELESS)	2	16	
Microphone (THR30IIA WIREL	ESSJ			
Help		Cancel		OK

* If any other port names are displayed with a check next to them, remove the check.

8. In the Cubase AI menu bar, select [Studio], and then click [Audio Connections].

The [Audio Connections] screen opens.



9.

9-1. Click the [Inputs] tab on the top of the screen, and check that [Generic Low Latency ASIO Driver] is set in the [Audio Device] field, and that [-1] / [-2] (or for Mac, [Front Left] / [Front Right]) is assigned in the [Device Port] field. If [Not Connected] is displayed, click [Not Connected] and then assign a device port.

		Aud	io Connections - Outputs		_	
Inputs Outp	uts					
	Add Bus	Presets -	- E	_		
Bus Name	Speakers	Audio Device	Device Port			
🗄 🔹 🗊 Stereo Out	Stereo	Generic Low Latency ASIC				
— −• Left			-1			
Right			- 2			
C	1		· · ·			

9-2. Click the [Outputs] tab, and then check that ports are assigned in the same way as for [Inputs]. If [Not Connected] is displayed, click [Not Connected] and then assign a device port.

10. In the Cubase AI menu bar, select [Project] and then [Add Track], and then click [Audio].

The [Add Track] screen opens.

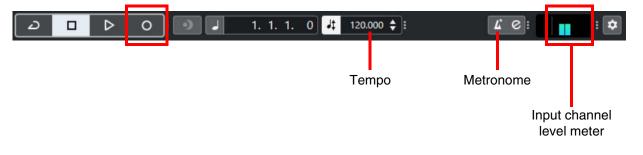
🤄 File Edit	Project Audio MIDI Media	Transport Studio	Window Hub Help	
50	Add Track		🚸 Audio	२ / 🔹 🔊
	Colorize (No Selection)	Alt+Shift+C	MIDI	
	Duplicate Tracks		-	
Inspector	Remove Selected Tracks	Shift+Del	FX Effect	1
	Remove Empty Tracks		HH Group	3
	Divide Track List		Folder	
	Show All Used Automation		r Ruler	
	Hide All Automation		🗲 Using Track Preset	
	Pool	Ctrl+P	1 Chord	
	Markers	Ctrl+M	T Marker	
	Tempo Track	Ctrl+T	T Video	
	Beat Calculator			

11. Change the configuration to [Mono], and then click the [Add Track] button.

An audio track is created.

🞸 Add Track			×
A	udio		
Audio Inputs	- 1 (Mono)		v 🌣
Configuration	Stereo		▼
Audio Outputs	Stereo Out		▼
Name	Enter Name		
Count			1 🖨
	A	dd Track	Cancel

12. Connect your guitar to the THR-II and use the [AMP], [GAIN], [MASTER], [GUI-TAR], [VOLUME], and other knobs to adjust the sound. **13.** Cubase AlPlay the guitar and check that the input channel level meter, on the Transport panel located on the bottom of the Cubase Al screen, reacts^{*}.



* Check that the top of the input channel level meter is not displayed in red. If it is displayed in red, return to Step 12 and lower the volume.

14. Click the [Record] (●) button*.

* Turn [Metronome] on or off and perform tempo settings (double-click and then directly enter values) as necessary.

When recording is finished, click the [Stop] (■) button. A waveform is displayed. Once you see the waveform, click the [Play] (►) button and check that you can hear the recorded sound from the THR-II.



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