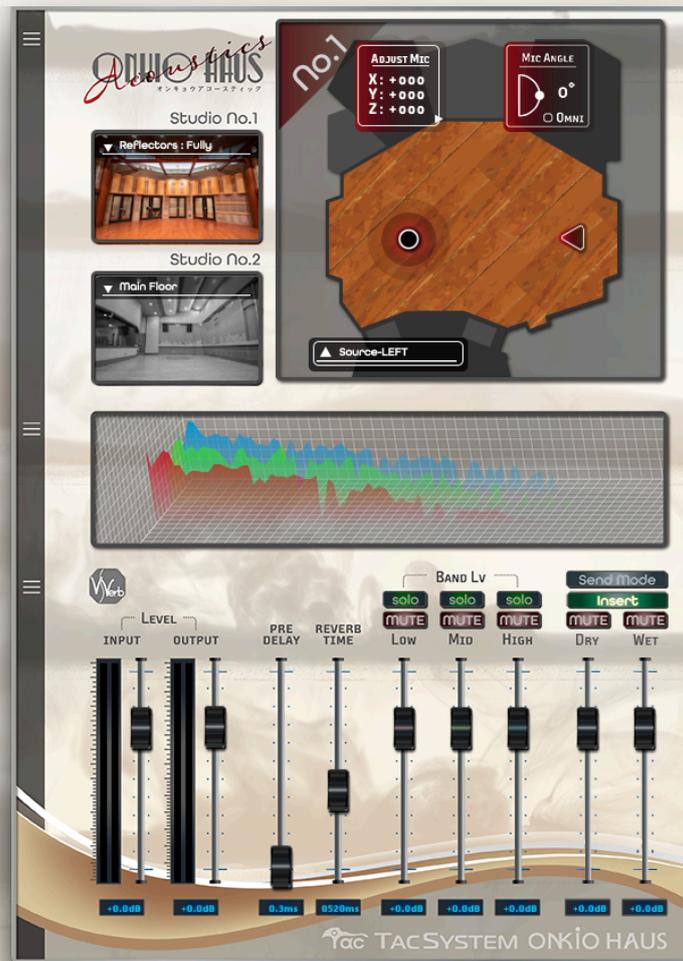


ONKIO HAUS *Acoustics*

オンキョウアコースティック



Install & Operation Manual

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Welcome

Introduction

Thank you for purchasing a TAC SYSTEM product, ONKIO Acoustics. This document describes the software license terms, user and support information, installation instructions, iLok Activation, and operations for this product. For the plug-in installer download and the latest information, please refer to the product website.

<https://tacsystem.jp/products/tacsystem/ONKIOAcoustics>

System Capability

OS	MacOS 11 or higher (64-bit) Compatible with Intel Mac and Apple Silicon (Rosseta 2 , Native) Windows 10 , Windows 11 Doesn't support 32-bit OS or Host Application.
Authorization	iLok License (iLok 2, iLok 3) Machine Authorization
Plug-in Formats	AAX Native / VST3 / AU (64-bit)

Software license agreement

Terms and Conditions of License

Restar Corporation grants permission to use ONKIO Acoustics (hereinafter referred to as "the Software") to the person whose name is entered as the user on the user registration form attached to the Software package (hereinafter referred to as "the Software Administrator") and to the user who is authorized to use the Software by the Software Administrator (hereinafter referred to as "the Software User"), on the condition that all of the following terms and conditions are agreed upon. The use of this software is permitted to the person whose name is written on the user registration form attached to the software package (hereinafter referred to as the "Software Administrator") and the user who is permitted to use this software by the Software Administrator (hereinafter referred to as the "Software User") on the condition that they agree to all of the following. Restar Corporation software vendors, distributors, or their employees are not authorized to make any modifications, expansions, or additions to the information below.

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Restar Corporation will use your personal information for the following purposes

- Introduction of new products

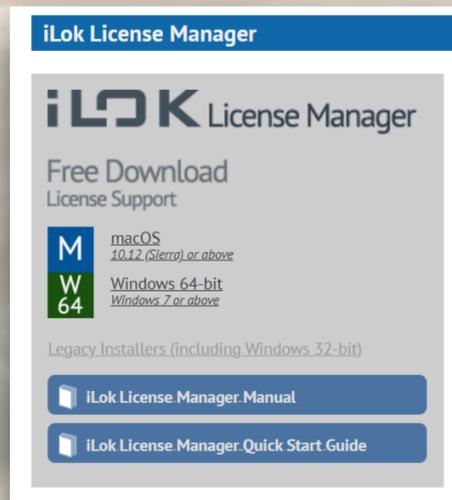
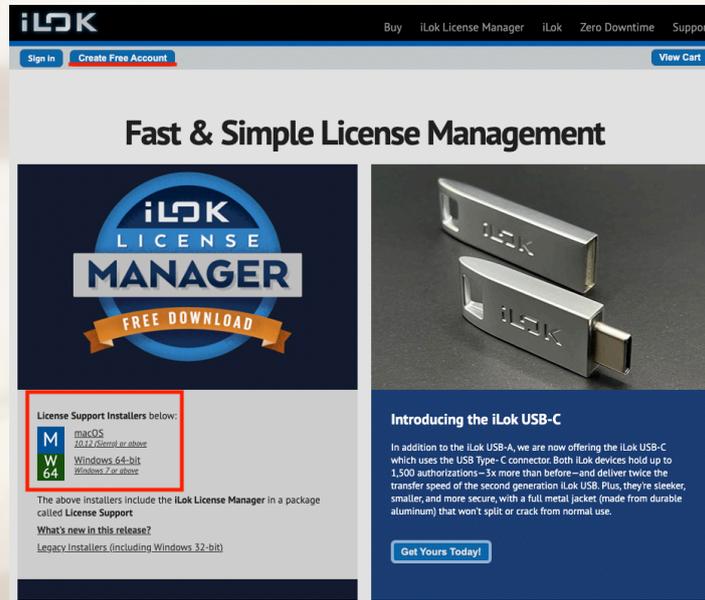
- Notification of software updates

- To inform you of special campaigns and events, etc.

We will take the utmost care in handling the personal information we receive. We will not provide your personal information to any third party.

Authorization

ONKIO Acoustics uses Pace's iLok system for authorization. Before the authorization process begins, be sure to create an iLok account at iLok.com and download the iLok License Manager.



ONKIO Acoustics uses iLok "License Manager" (application) to manage the license. The License Manager supports two types of authorization: authorization using iLok USB (sold separately) or "machine authorization" in which your machine is registered as a licensed machine.

iLok License



iLok USB dongle key (sold separately) enables you to manage other plug-ins and licenses centrally. Changing machines can be done easily by replacing the iLok key. The iLok key is only valid for host applications that support iLok.

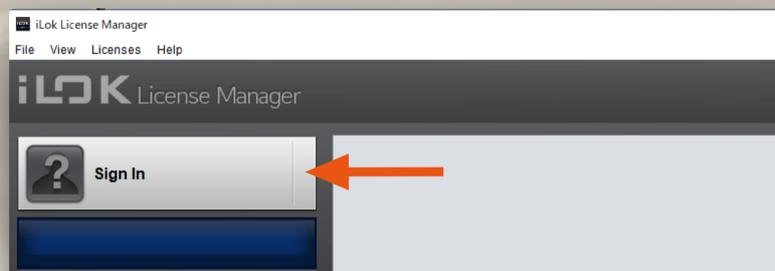
※Please note that ONKIO Acoustics supports iLok2 and iLok3.
It does not support iLok1.

Machine Authorization

ONKIO Acoustics supports Machine Authorization on iLok "License Manager". You can register your machine as a "licensed machine" without using an iLok USB dongle key. License transfer is done on the "License Manager".

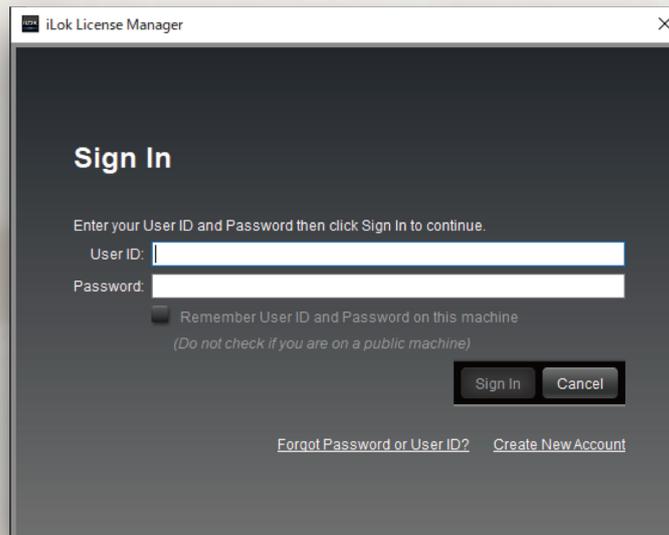
License Deposit

1. Launch iLok License Manager (application).
2. Click "Sign In" on the left side of the screen to open the "Sign In" dialog box. Enter User ID and Password, and click the "Sign In" button.



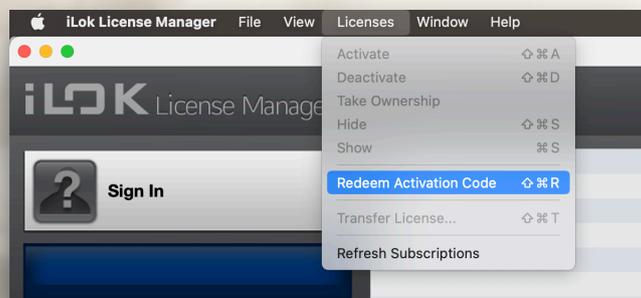
If you have successfully logged in, the "Sign In" in the upper left corner will change to "User icon". Click on the "User icon" to view account information.

If you want the OS to remember the User ID and Password, check the "Remember User ID and Password on this machine" checkbox below the input field.



※If you are authenticating for the first time, it will take some time for the account view to appear. Please wait while the meter on the left side of the screen (below the "User icon") is moving.

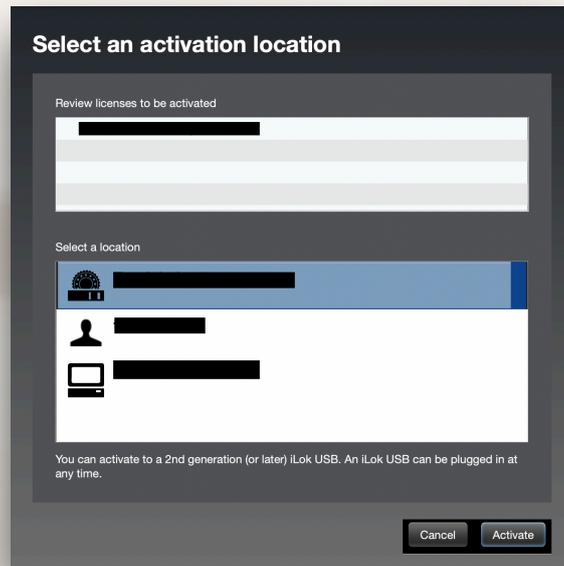
3. Click "Licenses" > "Redeem Activation Code" in the application menu.



On the "Enter Activation Code" screen, enter the "Redeem Code" that was included in your purchase email. ※The code can be copied and pasted.

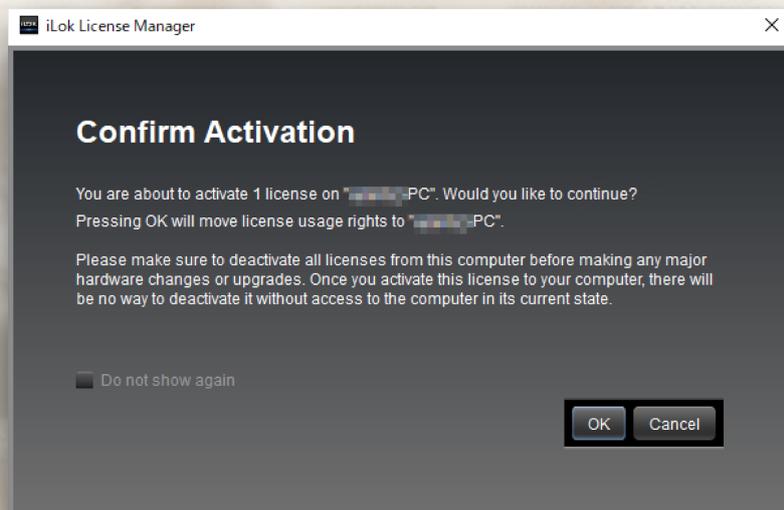


4. On the Select an activation location screen, select the license deposit location and click "Activate".

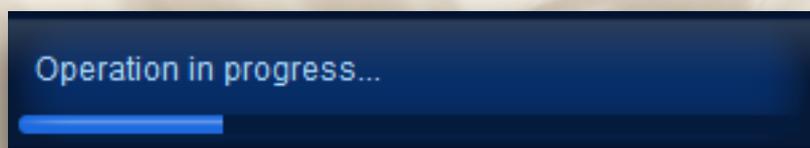


5. A confirmation screen will appear, click OK.

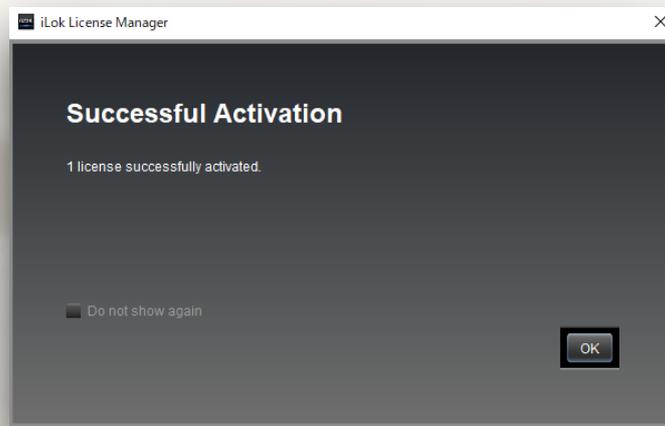
※If you check the "Do not show again" checkbox, this confirmation screen will not appear again.



6. When using an iLok, never remove or insert the iLok while the meter on the left side of the screen is moving.



7. If the license has been successfully moved to the location, the "Successful Activation" dialog box will appear. Click the "OK" button.
*If you check the "Do not show again" checkbox, this confirmation screen will not appear again.



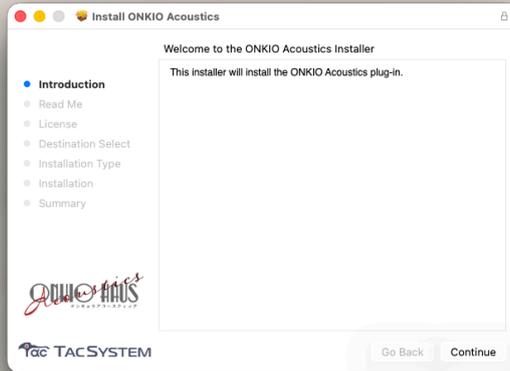
8. Confirm that a license has been deposited at the location.

Installation on Mac

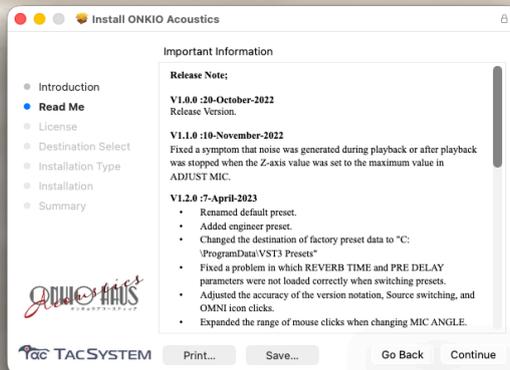
Installing ONKIO Acoustics

The installer can be downloaded from the product homepage at the company's website.
<https://tacsystem.jp/products/tacsystem/ONKIOAcoustics>

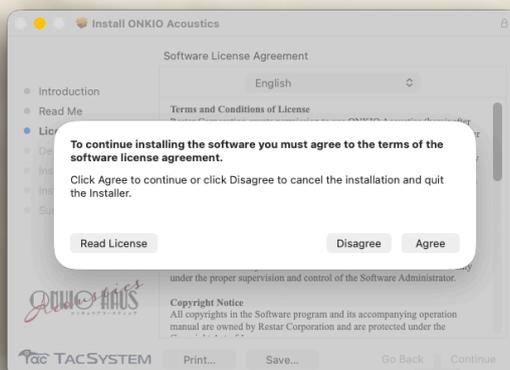
Double-click the installer file (.pkg) to launch it. Click "Continue."



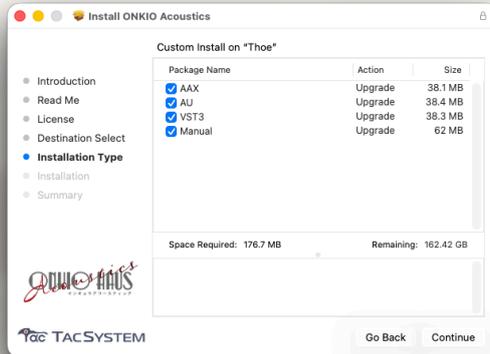
Read the release notes and click "Continue."



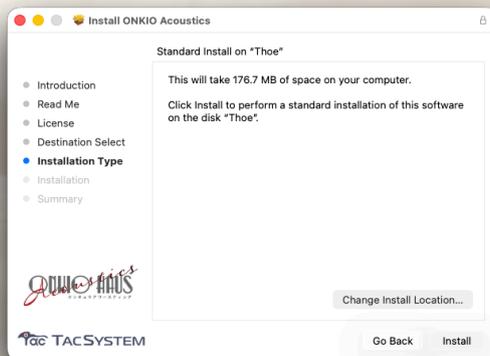
Read the license agreement and click "Continue." You will be asked if you agree. If you have no problem, click "Agree."



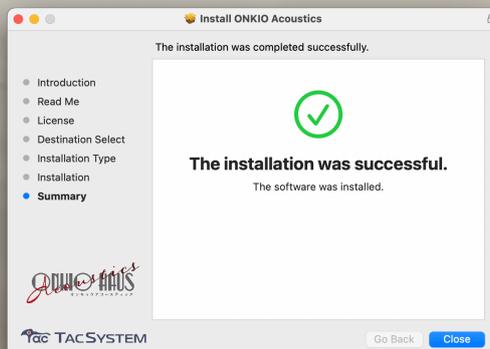
Select the components to be installed and click "Continue."



Check the amount of space required for installation. If all is well, click "Install." Depending on your system, you may need to enter a password.



The following window will appear and installation is complete.



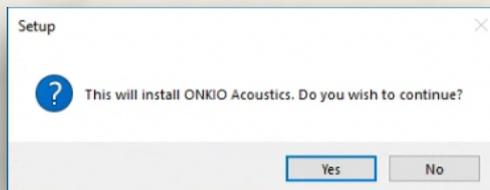
Installation on Windows

Install ONKIO Acoustics

The installer download is available from the Tac System product website.
<https://tacsystem.jp/products/tacsystem/ONKIOAcoustics>

Double-click the installer file (.exe) to launch it.
Click "Yes."

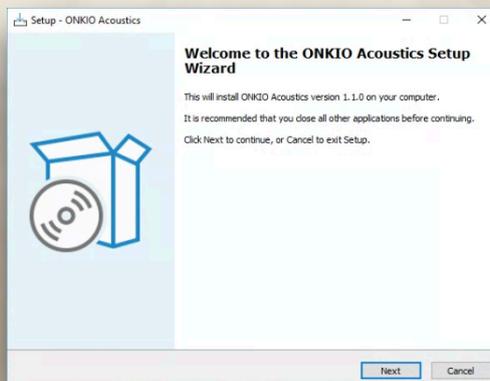
**Please allow permission if Windows system protection, etc. is displayed when the installer is started.*



Select the language and click "OK."

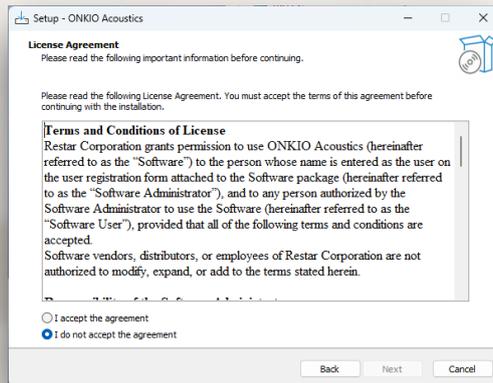


Click "Next."

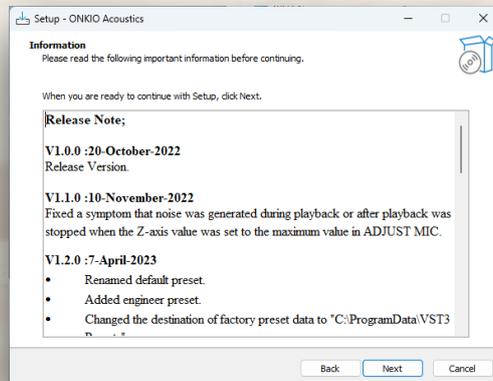


Read the license agreement.

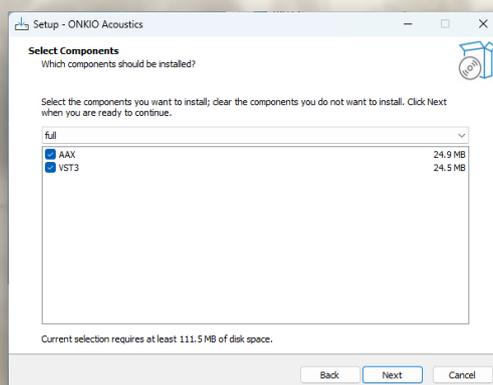
If you are okay with it, select "I accept the agreement" and click "Next."



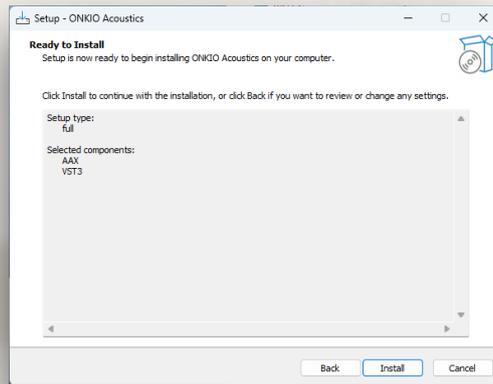
Read the release notes and click "Next."



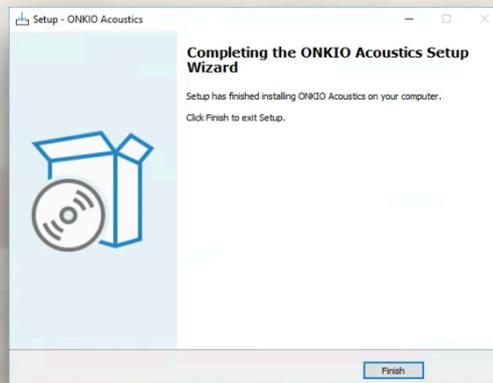
Select the components to be installed and click "Next."



Check the installation details. If all is well, click "Install."



Click "Finish" to complete the installation.



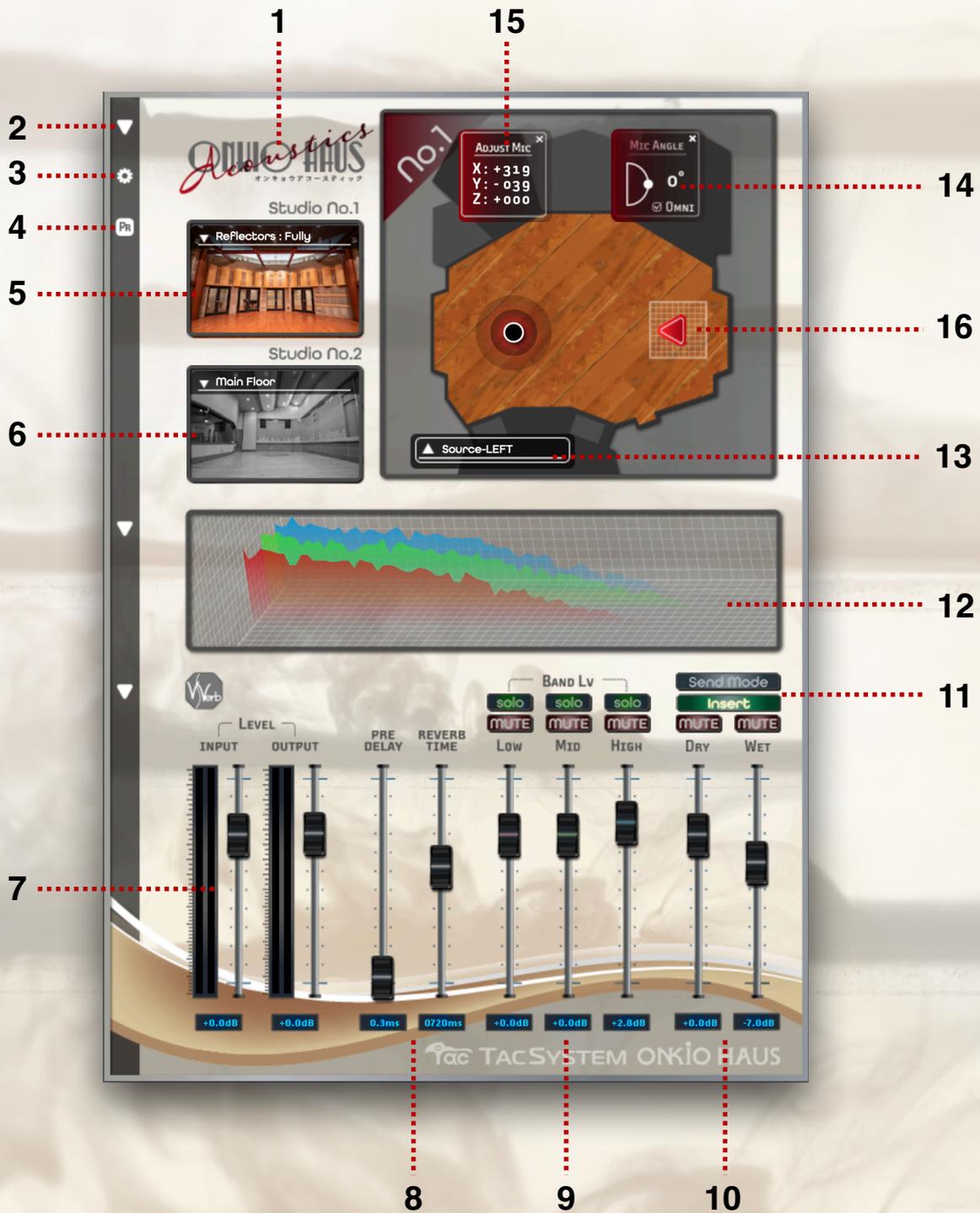
Contact

Contact : <https://tacsystem.jp/eng/support/>

※Software support is available via email. Please include your serial number in your email inquiry. Support hours are available only during our business hours. On weekdays, we will respond in order after confirming your e-mail.

Plug-in Overview

Part Names/Functions



1. Plug-in Info

Click on the ONKIO Acoustics logo to display a window with information about the plug-in. To hide the window, click the logo again, or click the window.

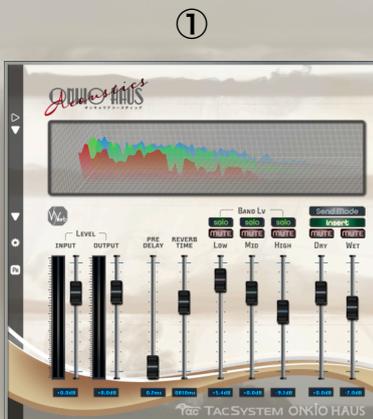


2. Foldable Display

The window can be collapsed by clicking the  on the left edge of the plug-in window. To redisplay the folded section, click again.

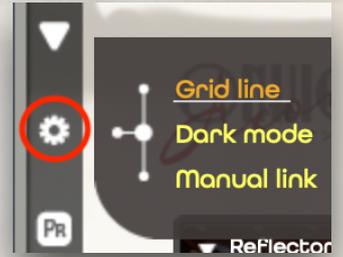


Display example

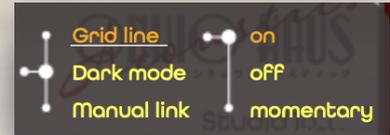


3. Configuration

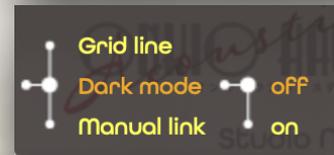
Click the button  on the left edge of the plug-in window to display the Configuration panel.



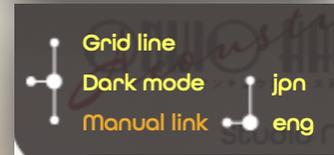
Grid line Grid line display settings (*For details, see 16. GRID LINE)
 on (Visible)
 off (Hidden)
 Momentary (Visible only during editing)



Dark mode Dark mode Display
 off (Normal)
 on (Dark Mode)



Manual link Open the Manual
 jpn (Japanese)
 eng (English)



Dark mode

4. Preset Select

Click the button  on the left edge of the plug-in window to display the list of presets.

When you hover the mouse over a preset name, an underline will appear. The currently selected preset is displayed in orange.



5. Studio No.1 Reflectors Select

In the Studio No.1, the amount of reflectors can be selected from three different patterns.

▼ Click on "Reflectors:Fully" or click on the studio image to open the pull-down menu.

Reflectors:Fully



Reflectors:Half



Reflectors:None



6. Studio No.2 Main Floor / Booth Select

In the Studio No. 2, you can choose from the main floor or booth (inside/outside).

▼Click on "Main Floor" or click on the studio image to open the pull-down menu.

Main



Inside the



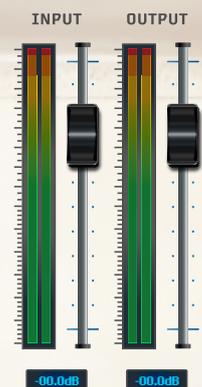
Outside the



7. INPUT LEVEL / OUTPUT LEVEL

INPUT and OUTPUT levels can be adjusted. You can also double-click the dB indicator at the bottom and specify the level by number.

Variable range -90dB~+12dB



8. PRE DELAY / REVERB TIME

PRE DELAY and REVERB TIME can be adjusted. You can also double-click on the ms indicator at the bottom to specify the time by number.

Variable range

PRE DELAY : 0.0ms~200ms

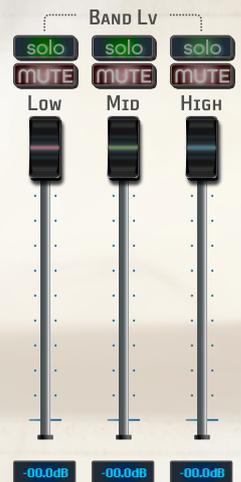
REVERB TIME : 0.0ms~1270ms



9. BAND LEVEL LOW / MID / HIGH

The reverb sound level can be adjusted for each BAND (bass, midrange, and treble). You can also double-click the dB indicator at the bottom and specify the level by number. Solo/mute is available for each LOW, MID, and HIGH.

Variable range -90dB~+12dB



10. DRY / WET

DRY (original signal without effects processing) and WET (signal with effects processing) level adjustment is possible.

Variable range -90dB~+12dB



11. Insert Mode / Send Mode

Insert Mode

The DRY / WET level can be adjusted, and the mixed audio is exported from the OUTPUT.

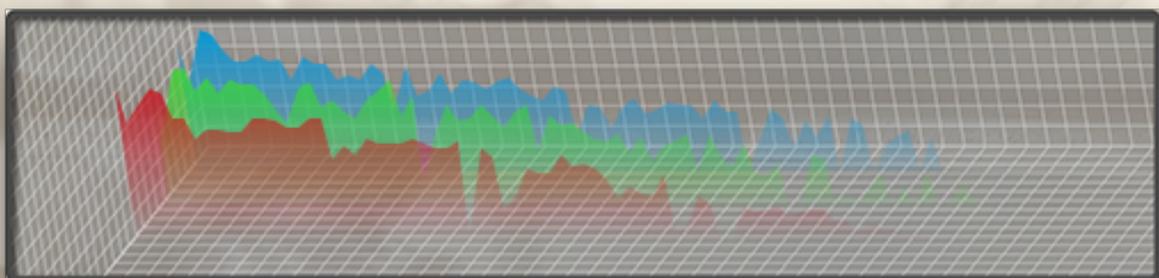
Send Mode

The DRY / WET faders are grayed out. Then the DRY signal is turned off and the WET fader is fixed at its default value.

12. Frequency spectrum

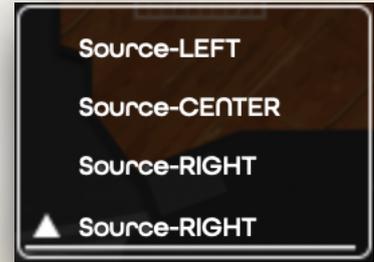
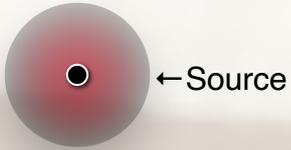
The chart also changes according to the setting of each parameter. From the front, the order is as follows

Red : LOW Green : MID Blue : HIGH



13. Sound Source Position Select

▲Click on Source-LEFT (default) to display a pull-up and change the position.



Studio No.1



Studio No.1
Control Room

Studio No.1
Main Floor



Studio No.2



Studio No.2
Control Room

Studio No.2
Main Floor



14. MIC ANGLE

The angle of the microphone can be changed by clicking and moving ●. The microphone is angled vertically up and down to the Source. The microphone type is cardioid by default and can be changed to omni by clicking "OMNI."



You can minimize the window by clicking the x button in the upper-right corner. You can also move the window by dragging its title bar.



Variable range $-90^{\circ} \sim +90^{\circ}$

15. ADJUST MIC

The microphone position can be changed in the X [depth], Y [horizontal], and Z [height] directions relative to the Source. You can change the value by moving the mouse up or down while clicking on the value you want to change. You can also double-click on the value to specify the value by number.



You can minimize the window by clicking the x button in the upper-right corner. You can also move the window by dragging its title bar.

16. GRID LINE

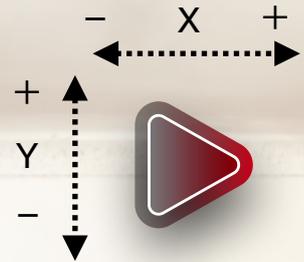
The adjustable range for the microphone position is indicated by grid lines.



You can change the microphone position by dragging the microphone icon  within the GRID LINE area. You can adjust the height by hovering the mouse cursor over the microphone icon and using the mouse wheel (scroll).

The apex of the microphone triangle (front direction) corresponds to the positions shown in ADJUST MIC: X (Depth), Y (Horizontal), and Z (Height).

Variable range
 X -999~+999mm
 Y -999~+999mm
 Z -999~+999mm



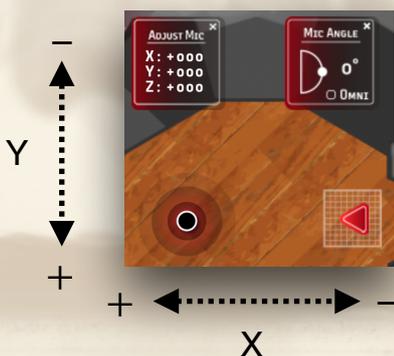
X increases as the microphone moves closer to the Source and decreases as it moves farther away.

Y increases when the microphone moves to the left (facing the Source) and decreases when it moves to the right.

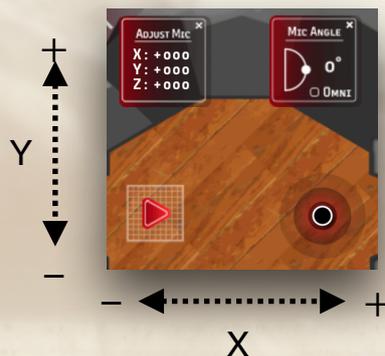
Z indicates the microphone height. The value increases as the height becomes higher and decreases as it becomes lower. The icon color also changes according to the height.



Example 1



Example 2



Example 3

