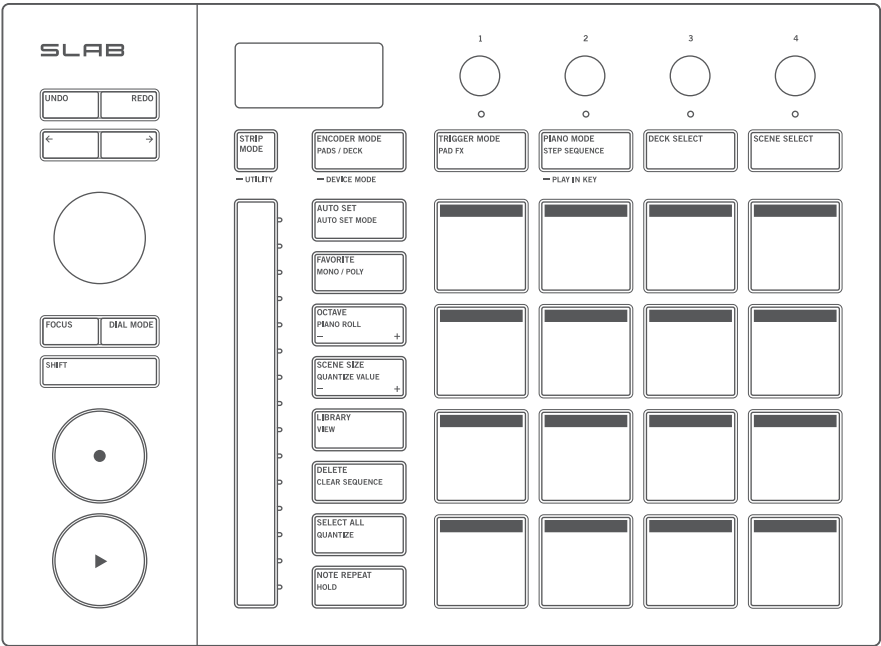


Instruction Manual



Music Production Controller

SLAB

alphatheta.com/support/

serato.com

For FAQ and other support information for this product, visit the websites above.

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Before you start

How to read this manual

- Thank you for choosing this AlphaTheta product.
Be sure to read this manual, the Quick Start Guide and the Precautions for Use which are also included with this product. These documents include important information that you should understand before using the unit.
- In this manual the names of buttons, knobs and terminals that appear on the product, and the names of buttons, menus etc. in the software on your PC/Mac, are indicated within square brackets ([]). (e.g. [**File**], [**Play·Stop**] button)
- Please note that the software screens and their specifications, as well as the external appearance and specifications of the hardware, are subject to change without notice.
- Please note that depending on the operating system version, web browser settings, etc. operation may differ from the ways described in this manual.
- Please note that the language on the screens of the software described in this manual may differ from the language on your screen.

What's in the box

- Music production controller × 1
 - USB cable × 1
 - Warranty (for some regions)* × 1
 - Quick Start Guide × 1
 - Precautions for Use × 1
- * Only products in Europe. Products in North America and Japan include warranty information in the Precautions for Use.

Software

The unit supports the following software.

- Serato Studio
- Serato Sample (paid license is needed)
- Serato DJ Pro (Serato DJ Pro compatible hardware is needed)

❖ Serato Studio

Serato Studio is a digital audio workstation (DAW) from Serato Limited.

Serato Studio is fully licensed when the SLAB hardware is connected.

Serato Studio isn't physically included with this product. Download the software from the URL below.

serato.com/studio/downloads

- If you don't have one already, follow the steps below to create a user account.
 1. Follow the on-screen instructions to enter your email address and password.
 2. Click the [**Create account**] icon and answer the questions displayed on the screen.
 3. Download the Serato Studio software.
 4. After your user account has been registered, check the email sent to you from Serato and confirm your registration.
- Be sure to remember the email address and password you use to register. You'll need them when you update the software.
- Personal information registered to your user account is collected, processed, and used in accordance with the Serato Privacy Policy, which is posted on the Serato Limited website.
- For information on the latest system requirements, compatibility, and supported operating systems, visit the URL below.

serato.com/studio/downloads

- Operation isn't guaranteed on all PC/Mac models, even if the system requirements are met.
- Depending on power-saving settings and other conditions of your PC/Mac, the CPU and hard disk may not provide sufficient processing capabilities. For laptops in particular, make sure the PC/Mac is in the best condition to provide constant high-level performance when using Serato Studio (for example by keeping the AC power connected).

❖ Serato Sample

Serato Sample is a plugin from Serato Limited.

Serato Sample requires a paid license to use. Download the software from the URL below.

serato.com/sample/downloads

- If you don't have one already, follow the steps below to create a user account.
 1. Follow the on-screen instructions to enter your email address and password.
 2. Click the [**Create account**] icon and answer the questions displayed on the screen.
 3. Download the Serato Sample software.
 4. After your user account has been registered, check the email sent to you from Serato and confirm your registration.
- Be sure to remember the email address and password you use to register. You'll need them when you update the software.
- Personal information registered to your user account is collected, processed, and used in accordance with the Serato Privacy Policy, which is posted on the Serato Limited website.
- For information on the latest system requirements, compatibility, and supported operating systems, visit the URL below.

serato.com/sample/downloads

- Operation isn't guaranteed on all PC/Mac models, even if the system requirements are met.
- Depending on power-saving settings and other conditions of your PC/Mac, the CPU and hard disk may not provide sufficient processing capabilities. For laptops in particular, make sure the PC/Mac is in the best condition to provide constant high-level performance when using Serato Sample (for example by keeping the AC power connected).

❖ Serato DJ Pro

Serato DJ Pro is a DJ software application from Serato Limited.

Serato DJ Pro compatible hardware is required to use this device as an official accessory.

Download the software from the URL below.

serato.com/dj/downloads

- If you don't have one already, follow the steps below to create a user account.
 1. Follow the on-screen instructions to enter your email address and password.
 2. Click the [**Create account**] icon and answer the questions displayed on the screen.
 3. Download the Serato DJ Pro software.
 4. After your user account has been registered, check the email sent to you from Serato and confirm your registration.
- Be sure to remember the email address and password you use to register. You'll need them when you update the software.
- Personal information registered to your user account is collected, processed, and used in accordance with the Serato Privacy Policy, which is posted on the Serato Limited website.
- For information on the latest system requirements, compatibility, and supported operating systems, visit the URL below.

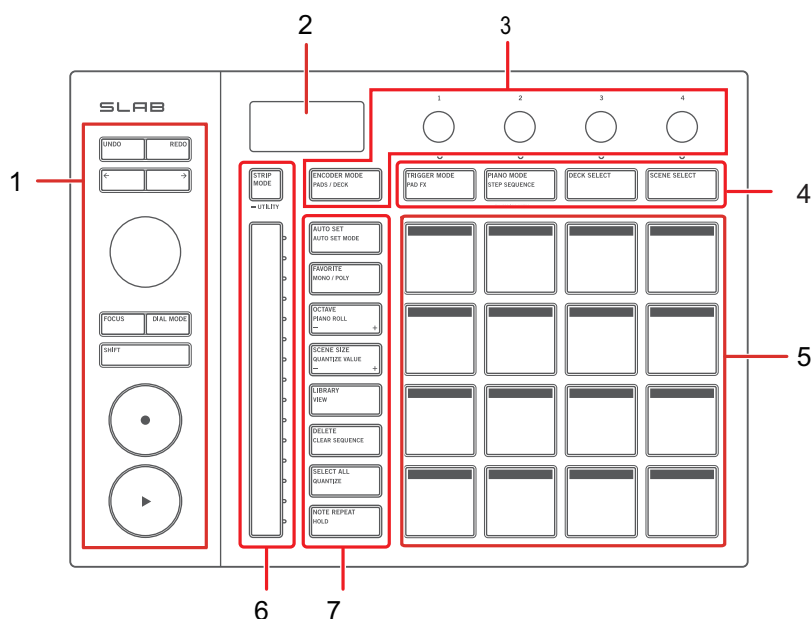
serato.com/dj/downloads

- Operation isn't guaranteed on all PC/Mac models, even if the system requirements are met.
- Depending on power-saving settings and other conditions of your PC/Mac, the CPU and hard disk may not provide sufficient processing capabilities. For laptops in particular, make sure the PC/Mac is in the best condition to provide constant high-level performance when using Serato DJ Pro (for example by keeping the AC power connected).

Part names

This section describes the functions when you use Serato Studio with the unit. When using Serato Sample or Serato DJ Pro, refer to the Hardware Diagram.

Top panel



- 1. Transport section**
Controls playback, scrubbing and library navigation.
- 2. OLED display**
Displays status of each section and parameters.
- 3. Encoder section**
Switches encoder modes and controls parameters for encoder modes.
- 4. Pad mode section**
Switches pad modes.
- 5. Performance Pads section**
Controls functions of each pad mode.

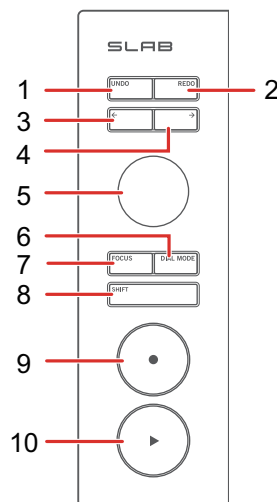
6. Touch strip section

Switches Touch Strip modes and controls parameters for Touch Strip modes.

7. App control section

Switches functions.

Transport section



1. UNDO button

Undoes operations.

2. REDO button

Redoes operations.

3. ← (Left) button

Moves the focus to the left in Library mode.

Moves the playhead backward in Deck Scrub mode and Song Scrub mode.

4. → (Right) button

Moves the focus to the right in Library mode.

Moves the playhead forward in Deck Scrub mode and Song Scrub mode.

5. Dial

Controls the following in each mode.

- Library mode:
 - Rotate to move the selection cursor in the library.

- Rotate while holding the **[SHIFT]** button to move the selection cursor quickly in the library.
- Press to load the selected file to the empty deck.
- Press while holding the **[SHIFT]** button to load the selected file and overwrite the file on the current deck.
- Deck Scrub mode:
 - Rotate to scrub a sample.
 - Rotate while holding the **[SHIFT]** button to scrub a sample quickly.
 - Press to play a sample.
- Song Scrub mode:
 - Rotate to scrub the song.
 - Rotate while holding the **[SHIFT]** button to scrub the song quickly.
 - Press to play the song.
- Focus mode:
 - Rotate to emulate a mouse wheel.
 - Press to emulate a mouse click.

6. **DIAL MODE button**

Switches dial modes.

- Dial modes switch in the order of Library mode → Deck Scrub mode → Song Scrub mode every time you press the button.

7. **FOCUS button**

Turns Focus mode on.

8. **SHIFT button**

While holding the **[SHIFT]** button, press another button to use a secondary function assigned to it.

9. **● (REC) button**

Starts recording a focused area.

- Press while holding the **[SHIFT]** button to turn Overdub on and off.

10. **► (PLAY·STOP) button**

Plays/stops the focused area.

- Press while holding the **[SHIFT]** button to play/stop the unfocused area.

OLED display

Main screen

The main screen is displayed when buttons and knobs on the unit aren't being used.

Example: When Encoder mode is set to Stems mode, Touch Strip mode is set to FX1 mode, and the pad mode is set to Trigger mode.



1. **Encoder mode display**
Displays the Encoder mode.
2. **Touch Strip mode display**
Displays the Touch Strip mode.
3. **Pad mode display**
Displays the Performance Pad mode.

Mode screen

The selected mode is displayed when each mode button is pressed.

Example: When Library mode is selected for Dial mode with the [DIAL MODE] button.

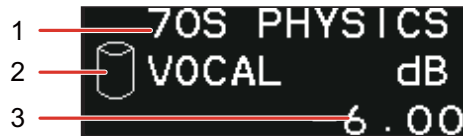


1. **Mode display**
 - Press the [DIAL MODE] button to display Dial mode.
 - Press the [ENCODER MODE] button to display Encoder mode.
 - Press the [STRIP MODE] button to display Touch Strip mode.

Numerical value screen

The numerical value is displayed when buttons and knobs on the unit are used.

Example: When the numerical value for Vocal Stem is displayed in Stems mode.



1. **Deck/pad name**

Displays the name of the deck or pad being adjusted.

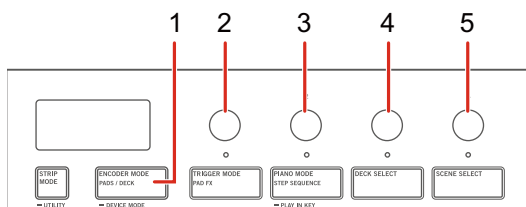
2. **Function**

Displays a function assigned to buttons and knobs.

3. **Numerical value**

Displays the numerical value, which is changed by controlling buttons and knobs.

Encoder section



1. ENCODER MODE button

Switches encoder modes.

- The mode switches in the order of EQ mode → Stems mode → FX mode → Parameter mode every time you press the button.
- Press and hold to switch between General mode and Serato mode in Device mode.
 - General mode: Controls the general DAW.
 - Serato mode: Controls Serato Studio or Serato Sample.
- Press while holding the **[SHIFT]** button to switch between the pad and deck to control.

2. Encoder 1

Controls the following in each mode.

- EQ mode
 - Rotate to adjust the high frequency band level of the control target (pad or deck).
 - Rotate while holding the **[SHIFT]** button to adjust the high frequency band level of the opposite of the control target.
 - Press to reset the high frequency band level of the control target (pad or deck).
 - Press while holding the **[SHIFT]** button to reset the high frequency band level of the opposite of the control target.
- Stems mode
 - Rotate to adjust the Vocal Stem level.
 - Press to turn Vocal Stem on and off.
 - Press while holding the **[SHIFT]** button to turn Vocal Stem solo on and off.
 - Press and hold to reset the Vocal Stem level.
- FX mode
 - Rotate to adjust the FX 1 level.
 - Rotate while holding the **[SHIFT]** button to switch effects for FX 1.
 - Press to turn FX 1 on and off.
- Parameter mode
 - Rotate to adjust project BPM or pad attack.

- Press to reset the pad attack, or press to calculate the project BPM from the intervals between encoder presses.

3. Encoder 2

Controls the following in each mode.

- EQ mode
 - Rotate to adjust the middle frequency band level of the control target (pad or deck).
 - Rotate while holding the **[SHIFT]** button to adjust the middle frequency band level of the opposite of the control target.
 - Press to reset the middle frequency band level of the control target (pad or deck).
 - Press while holding the **[SHIFT]** button to reset the middle frequency band level of the opposite of the control target.
- Stems mode
 - Rotate to adjust the Melody Stem level.
 - Press to turn Melody Stem on and off.
 - Press while holding the **[SHIFT]** button to turn Melody Stem solo on and off.
 - Press and hold to reset the Melody Stem level.
- FX mode
 - Rotate to adjust the FX 2 level.
 - Rotate while holding the **[SHIFT]** button to switch effects for FX 2.
 - Press to turn FX 2 on and off.
- Parameter mode
 - Rotate to adjust project key or pad release.
 - Press to reset the pad release, or press to switch the project scale between minor and major.

4. Encoder 3

Controls the following in each mode.

- EQ mode
 - Rotate to adjust the low frequency band level of the control target (pad or deck).
 - Rotate while holding the **[SHIFT]** button to adjust the low frequency band level of the opposite of the control target.
 - Press to reset the low frequency band level of the control target (pad or deck).
 - Press while holding the **[SHIFT]** button to reset the low frequency band level of the opposite of the control target.
- Stems mode
 - Rotate to adjust the Bass Stem level.
 - Press to turn Bass Stem on and off.
 - Press while holding the **[SHIFT]** button to turn Bass Stem solo on and off.

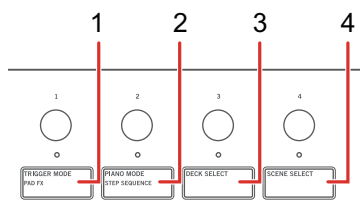
- Press and hold to reset the Bass Stem level.
- FX mode
 - Rotate to adjust the FX 3 level.
 - Rotate while holding the **[SHIFT]** button to switch effects for FX 3.
 - Press to turn FX 3 on and off.
- Parameter mode
 - Rotate to adjust the tempo of the pad or deck.
 - Press to reset the pad tempo, or press to toggle tempo sync for the deck.

5. Encoder 4

Controls the following in each mode.

- EQ mode
 - Rotate to adjust the volume level of the control target (pad or deck).
 - Rotate while holding the **[SHIFT]** button to adjust the volume level of the opposite of the control target.
 - Press to reset the volume level of the control target (pad or deck).
 - Press while holding the **[SHIFT]** button to reset the volume level of the opposite of the control target.
- Stems mode
 - Rotate to adjust the Drum Stem level.
 - Press to turn Drum Stem on and off.
 - Press while holding the **[SHIFT]** button to turn Drum Stem solo on and off.
 - Press and hold to reset the Drum Stem level.
- FX mode
 - Rotate to adjust the number of beats to apply to effects.
- Parameter mode
 - Rotate to adjust the key of the pad or deck.
 - Press to reset the pad key, or press to turn on and off the key sync for the deck.

Pad mode section



1. TRIGGER MODE button

Switches the pad mode to Trigger mode.

Toggle the Playback mode between momentary or trigger while Trigger mode is active.

- Press while holding the [**SHIFT**] button to switch to Pad FX mode. If you press the button in Pad FX mode, it returns to the previously selected Trigger mode or the Piano mode.

2. PIANO MODE button

Switches the pad mode to Piano mode.

- Press and hold to switch to Play in Key mode.
- Press while holding the [**SHIFT**] button to switch to Step Sequence mode. If you press the button in Step Sequence mode, it returns to the previously selected Trigger mode or the Piano mode.

3. DECK SELECT button

Switches the pad mode to Deck Select mode while holding the button. Release the button to return to the previously selected Trigger mode or the Piano mode.

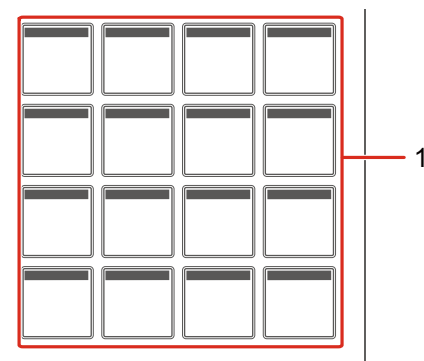
- Press while holding the [**SHIFT**] button to switch to Deck Select mode. If you press the button in Deck Select mode, it returns to the previously selected Trigger mode or the Piano mode.

4. SCENE SELECT button

Switches the pad mode to Scene Select mode while holding the button. Release the button to return to the previously selected Trigger mode or the Piano mode.

- Press while holding the [**SHIFT**] button to switch to Scene Select mode. If you press the button in Scene Select mode, it returns to the previously selected Trigger mode or the Piano mode.

Performance Pad section



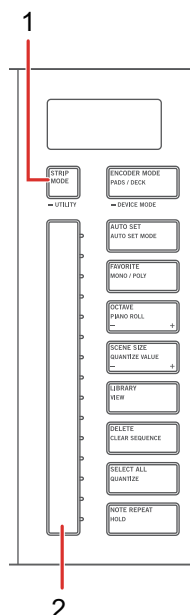
1. Performance Pads

Press Performance Pads to control the following in each mode.

- Trigger mode
 - Press to trigger the audio source assigned to the pad.
 - Press while holding the [**DELETE**] button to delete the audio source assigned to the pad.
- Pad FX mode
 - Press to trigger the audio source assigned to the pad while applying an effect to the audio source.
- Piano mode
 - Press to trigger the audio source with the key assigned to the Performance Pad.
- Step Sequence mode
 - Press to turn on and off the step assigned to the Performance Pad.
 - Press while holding the [**SHIFT**] button to select the pad of the corresponding sample deck or drum deck.
 - Touch the touch strip while holding the pad to adjust the velocity of the step assigned to the Performance Pad.
 - Rotate the dial while holding the pad to adjust the position of the step assigned to the Performance Pad.
- Deck Select mode
 - Press to select the deck assigned to the Performance Pad.
 - Press while holding the [**DELETE**] button to delete the deck assigned to the Performance Pad.
- Scene Select mode
 - Press to select the scene assigned to the Performance Pad.

- Press while holding the [**DELETE**] button to delete the scene assigned to the Performance Pad.

Touch strip section



1. STRIP MODE button

Switches Touch Strip modes.

- When Encoder mode is set to Stems mode, Touch Strip mode switches in the order of FX 1 → FX 2 → FX 3 every time you press the button.
- When Encoder mode is set to Parameter mode, Touch Strip mode switches in the order of Filter mode → Swing mode → Note Repeat mode → Pitch Bend mode every time you press the button.
- When Encoder mode is set to EQ mode or FX mode, Touch Strip mode is set to Filter mode.
- Press while holding the [**SHIFT**] button to reset the function assigned to the touch strip.
- Press and hold to display the Utility screen.

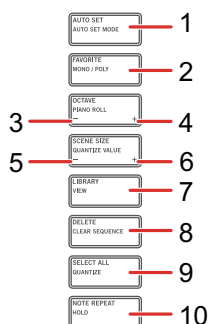
2. Touch strip

Controls the following in each mode.

- FX mode

- Touch to adjust the FX1, FX 2, or FX3 level.
- Filter mode
 - Touch to adjust the filter value.
- Note Repeat mode
 - Touch to adjust the repeat rate.
- Pitch Bend mode
 - Touch to adjust the pitch.
- Swing mode
 - Touch to adjust the swing value.

App control section



1. **AUTO SET button**

Executes the Auto Set function.

- Press while holding the [**SHIFT**] button to switch Auto Set modes.

2. **FAVORITE button**

Adds or deletes to/from Favorite.

- Press while holding the [**SHIFT**] button to switch between Mono and Poly modes.

3. **OCTAVE - button**

Shifts the pad range down by one octave.

- Press while holding the [**SHIFT**] button to move the Piano Roll display to lower frequency range.

4. **OCTAVE + button**

Shifts the pad range up by one octave.

- Press while holding the [**SHIFT**] button to move the Piano Roll display to higher frequency range.

5. **SCENE SIZE - button**

Decreases the scene size.

- In Step Sequence mode, Deck Select mode, and Scene Select mode, press to switch to display the previous page.
- Press while holding the [**SHIFT**] button to decrease the Quantize size.

6. **SCENE SIZE + button**

Increases the scene size.

- In Step Sequence mode, Deck Select mode, and Scene Select mode, press to switch to display the next page.
- Press while holding the [**SHIFT**] button to increase the Quantize size.

7. **LIBRARY button**

Toggles between the library and song view.

- Press while holding the [**SHIFT**] button to expand/collapse the scene player.

8. **DELETE button**

While holding the button, press a Performance Pad to delete a scene, deck or pad.

- Press while holding the [**SHIFT**] button to clear a sequence.

9. **SELECT ALL button**

Selects all pads from a sample deck or drum deck.

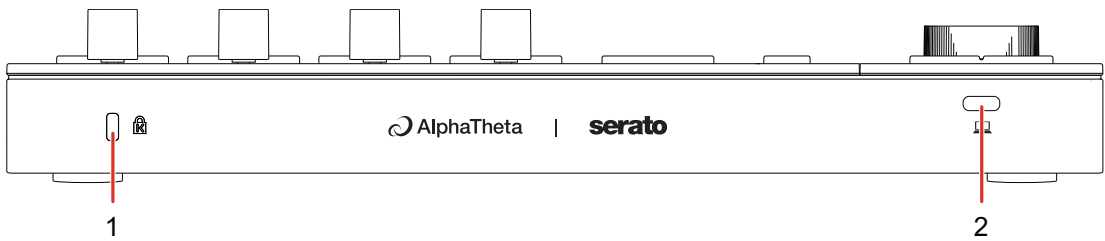
- Press while holding the [**SHIFT**] button to turn Quantize mode on and off.

10. **NOTE REPEAT button**

While holding the button, press a Performance Pad to perform Note Repeat.

- Press while holding the [**SHIFT**] button to enter Note Repeat mode.

Rear panel



1. Kensington security slot

Connect a cable lock.

2. USB port

Connect a PC/Mac with a USB cable.

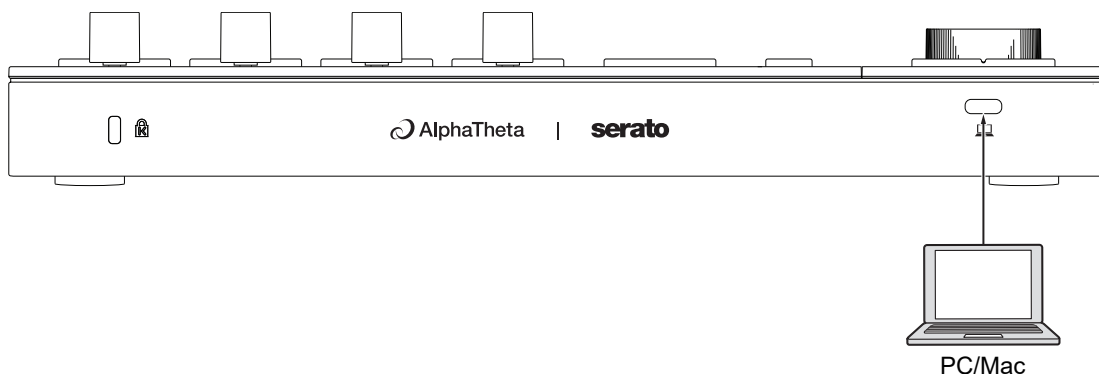
- Use the supplied cable when connecting to a USB Type-C port on a PC/Mac.
- Use a 3 m or shorter standard USB cable when connecting to a USB Type-A port on a PC/Mac.
- When using a USB hub, use a product recommended by the manufacturer of your PC/Mac.

Connections (basic styles)

- Use the supplied USB cable.
- You can use the unit when it's only connected to the PC/Mac with a USB cable (USB bus power). The unit may not work via USB bus power in the following cases.
 - The power supply capacity of the USB port on your PC/Mac is insufficient.
 - Another USB device is connected to your PC/Mac.
- Use the supplied cable when connecting to a USB Type-C port on a PC/Mac.
- Use a 3 m or shorter standard USB cable when connecting to a USB Type-A port on a PC/Mac.
- When using a USB hub, use a product recommended by the manufacturer of your PC/Mac.
- Operation isn't guaranteed on all PC/Mac models, even if the system requirements are met.

USB connection

Example:



Using Serato Studio

Installing Serato Studio

⇒ [Serato Studio \(page 5\)](#)

❖ Notes on installation

- Disconnect the USB cable connected to the unit and the PC/Mac before installation.
- Close all applications running on the PC/Mac before installation.
- You'll need admin rights to install the software to your PC (Windows).
- Read the License Agreement terms carefully before installation.
- If you quit the installation halfway through, perform the installation procedure from the beginning again.
- After the installation is complete, connect the PC/Mac to the unit.
- Operation isn't guaranteed on all PC/Mac models.

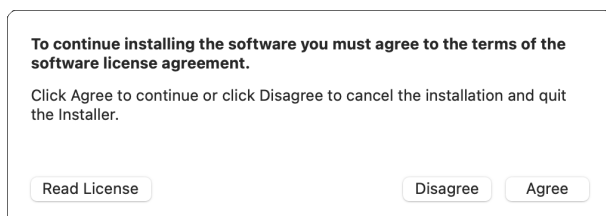
❖ For Mac

1 Unzip the downloaded Serato Studio software file.

2 Double-click the unzipped file.

The installer opens.

3 Read the Software end user license agreement carefully. If you agree to the terms, click [Agree].



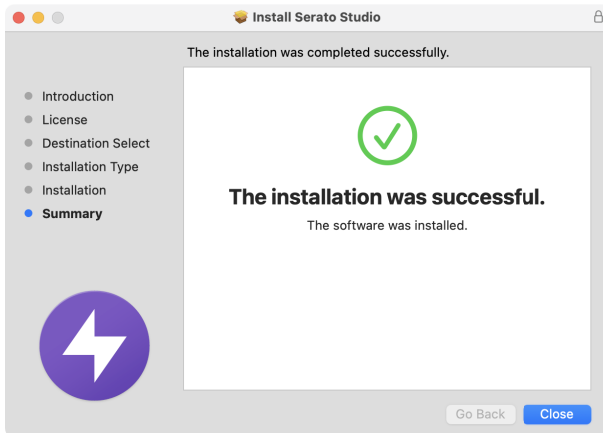
- If you don't agree to the license agreement terms, click [**Disagree**] to cancel the installation.

4 Follow the on-screen instructions to complete the installation.

The success screen appears when the installation is complete.

5 Click [Close].

The installer closes.



❖ For PC (Windows)

1 Unzip the downloaded Serato Studio software file.

2 Double-click the unzipped file.

The installer opens.

3 Read the Software end user license agreement carefully. If you agree to the terms, select [I agree to the license terms and conditions] and click [Install].

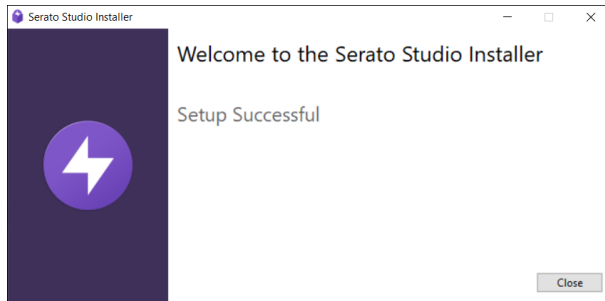


- If you don't agree to the license agreement terms, click **[Close]** to cancel the installation.

The success screen appears when the installation is complete.

4 Click **[Close]**.

The installer closes.



Using Serato Studio

- For details on using Serato Studio, refer to the Serato Studio user manual.

serato.com/studio/downloads

Using Serato Sample

Installing Serato Sample

⇒ [Serato Sample \(page 6\)](#)

❖ Notes on installation

- Disconnect the USB cable connected to the unit and the PC/Mac before installation.
- Close all applications running on the PC/Mac before installation.
- You'll need admin rights to install the software to your PC (Windows).
- Read the License Agreement terms carefully before installation.
- If you quit the installation halfway through, perform the installation procedure from the beginning again.
- After the installation is complete, connect the PC/Mac to the unit.
- Operation isn't guaranteed on all PC/Mac models.

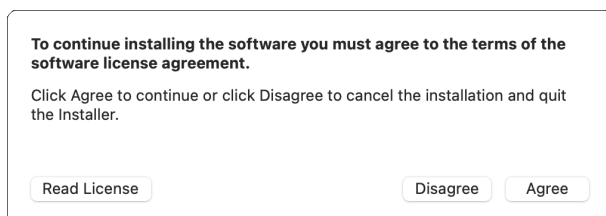
❖ For Mac

1 Unzip the downloaded Serato Sample software file.

2 Double-click the unzipped file.

The installer opens.

3 Read the Software end user license agreement carefully. If you agree to the terms, click [Agree].



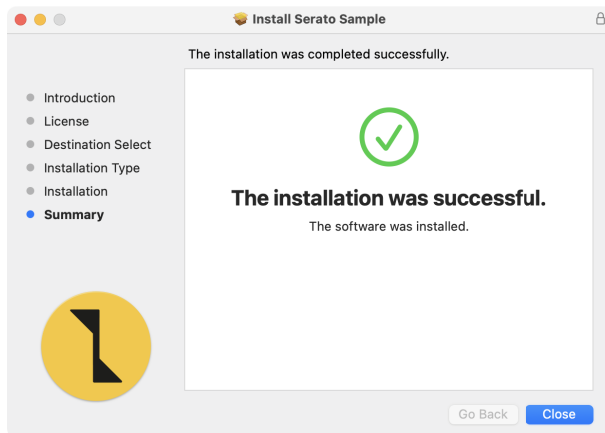
- If you don't agree to the license agreement terms, click [**Disagree**] to cancel the installation.

4 Follow the on-screen instructions to complete the installation.

The success screen appears when the installation is complete.

5 Click [Close].

The installer closes.



❖ For PC (Windows)

1 Unzip the downloaded Serato Sample software file.

2 Double-click the unzipped file.

The installer opens.

3 Read the Software end user license agreement carefully. If you agree to the terms, select [I agree to the license terms and conditions] and click [Install].

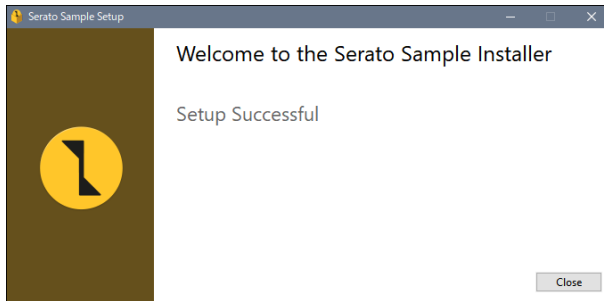


- If you don't agree to the license agreement terms, click **[Close]** to cancel the installation.

The success screen appears when the installation is complete.

4 Click **[Close]**.

The installer closes.



Using Serato Sample

- For details on using Serato Sample, refer to the Serato Sample user manual.

serato.com/sample/downloads

Using Serato DJ Pro

Installing Serato DJ Pro

⇒ [Serato DJ Pro \(page 7\)](#)

❖ Notes on installation

- Disconnect the USB cable connected to the unit and the PC/Mac before installation.
- Close all applications running on the PC/Mac before installation.
- You'll need admin rights to install the software to your PC (Windows).
- Read the License Agreement terms carefully before installation.
- If you quit the installation halfway through, perform the installation procedure from the beginning again.
- After the installation is complete, connect the PC/Mac to the unit.
- Operation isn't guaranteed on all PC/Mac models.

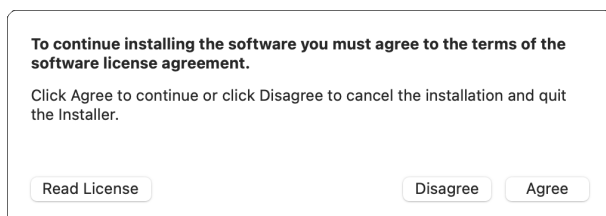
❖ For Mac

1 Unzip the downloaded Serato DJ Pro software file.

2 Double-click the unzipped file.

The installer opens.

3 Read the Software end user license agreement carefully. If you agree to the terms, click [Agree].



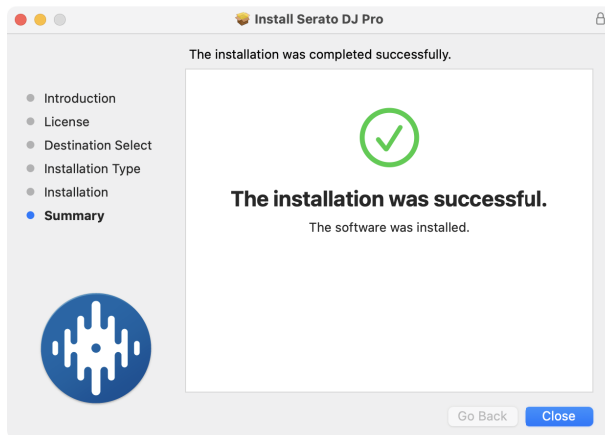
- If you don't agree to the license agreement terms, click [**Disagree**] to cancel the installation.

4 Follow the on-screen instructions to complete the installation.

The success screen appears when the installation is complete.

5 Click [Close].

The installer closes.



❖ For PC (Windows)

1 Unzip the downloaded Serato DJ Pro software file.

2 Double-click the unzipped file.

The installer opens.

3 Read the Software end user license agreement carefully. If you agree to the terms, select [I agree to the license terms and conditions] and click [Install].

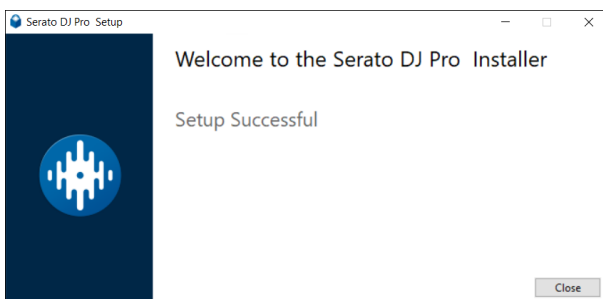


- If you don't agree to the license agreement terms, click **[Close]** to cancel the installation.

The success screen appears when the installation is complete.

4 Click [Close].

The installer closes.



Using Serato DJ Pro

- For details on using Serato DJ Pro, refer to the Serato DJ Pro user manual.

serato.com/dj/downloads

- Use the unit with Serato DJ Pro compatible hardware. A paid license may be needed, depending on the hardware you use. For details, refer to the following website.

serato.com/dj/hardware

Using other software

The unit can output control information for its buttons and knobs in general MIDI format. If you connect the unit to a PC/Mac with MIDI software installed via a USB cable, you can control the software with the unit.

- Install software and configure the audio and MIDI settings on a PC/Mac beforehand. For details, refer to the software user manual.
- For details on the unit's MIDI messages, visit the URL below.

alphatheta.com/support/

Settings

You can change the settings of the unit from the Utility menu.

Changing the settings

1 Press and hold the [STRIP MODE] button.

The Utility screen appears on the OLED display.

2 Rotate the Dial to select a setting item.

3 Press the Dial.

The setting screen appears.

4 Rotate the Dial to select a setting value.

5 Press the Dial to confirm the setting.

The display returns to the previous screen.

6 Press the [STRIP MODE] button.

The Utility screen closes.

- Press the ← (Left) or [STRIP MODE] button while changing the setting to cancel the change and close the Utility screen.

Utility settings

Setting item	Description
VERSION	Displays the firmware version.
BRIGHTNESS	<p>Sets the brightness for the buttons and display.</p> <ul style="list-style-type: none"> Setting values: 1, 2*, 3
PAD CODE CHANGE	<p>Sets the MIDI note assigned to each Performance Pad.</p> <ul style="list-style-type: none"> This setting will be valid only when outputting the standard MIDI format.
VELOCITY	<p>Sets whether to enable or disable the velocity.</p> <ul style="list-style-type: none"> Setting values: ENABLE*, DISABLE When it's set to [DISABLE], the velocity is fixed at 127, regardless of how hard you tap the Performance Pad.
VELOCITY CURVES	<p>Sets the strength for tapping the pad and curve characteristic for volume.</p> <ul style="list-style-type: none"> Setting values: SOFT3, SOFT2*, SOFT1, LINEAR, HARD
VELOCITY THRESHOLD	<p>Sets the minimum velocity for tapping the pad.</p> <ul style="list-style-type: none"> Setting values: LOW 4 to NORMAL* to HIGH 11
VELOCITY SENSITIVITY	<p>Sets the maximum velocity for tapping the pad.</p> <ul style="list-style-type: none"> Setting values: LIGHT 11 to NORMAL* to HEAVY 4
AFTER TOUCH	<p>Sets whether to enable or disable the after touch.</p> <ul style="list-style-type: none"> Setting values: ENABLE*, DISABLE When it's set to [DISABLE], the after touch MIDI message isn't output.
AFTER TOUCH THRESHOLD	<p>Sets the pushing strength for the minimum after touch.</p> <ul style="list-style-type: none"> Setting values: 1 to 5* to 16

Setting item	Description
POWER MANAGEMENT	<p>Sets the power management function.</p> <p>⇒ Power Management (page 36)</p> <ul style="list-style-type: none"> Setting values: OFF, ON*
FACTORY RESET	<p>Restores the settings to the factory settings.</p> <ul style="list-style-type: none"> Setting values: CANCEL*, RESET

*: Factory setting

Power Management

When [**POWER MANAGEMENT**] is set to [**ON**], the unit automatically enters Off mode after 20 minutes without being used.

Press the [**● (REC)**] button to exit Off mode.

- The factory setting is [**ON**].
- Set [**POWER MANAGEMENT**] to [**OFF**] if you don't need to use the Power Management function.
- Power consumption will increase if [**POWER MANAGEMENT**] is set to [**OFF**].

Specifications

General

Power requirements	DC 5V
Power consumption	500 mA
Main unit weight	1.0 kg
Max. external dimensions	(W × D × H) 284.3 × 209.0 × 44.6 mm/11.19" × 8.23" × 1.76"
Tolerable operating temperature	+5 °C – +35 °C (+41 °F – +95 °F)
Tolerable operating humidity	5 % – 85 % (no condensation)

Input/Output terminals

USB Type-C port	1 set
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The specifications and design of this product are subject to change without notice.

Additional information

Troubleshooting

If you think something is wrong with the unit, check the information below and refer to the [FAQ] for [SLAB] at the URL below.

alphatheta.com/support/

- Inspect devices connected with the unit.
- The unit may restore proper operation after you turn it off and on.

If the problems continue, read the Precautions for Use and consult an authorized service company or your dealer.

Power

❖ You can't turn the unit on.

- Check if the USB cable is properly connected.
⇒ [Connections \(basic styles\) \(page 22\)](#)
- Use another USB cable and check if the unit properly works.

❖ The power is automatically turned off.

- Use a standard USB cable.

Connections

❖ The unit isn't recognized by the connected PC/Mac.

- User the supplied USB cable.
⇒ [Connections \(basic styles\) \(page 22\)](#)
- When using a USB hub, use a product recommended by the manufacturer of your PC/Mac.
- Quit any other open applications including screen savers and antivirus security software on your PC/Mac. (When quitting antivirus security software, before doing so, disable the internet connection to ensure the security of your PC/Mac.)
- Remove any external hard discs or keyboards etc. and check if the unit is recognized by the connected PC/Mac.
- If your PC/Mac has multiple USB ports, connect the unit to another USB port.
- If you're using a Mac, disconnect the USB cable connected to the unit, launch the macOS utility software **[Audio MIDI Setup]**, and display **[MIDI Window]** or **[MIDI Studio]**. Select the **[SLAB]** icon and click **[Remove Device]**. (**[USB MIDI Device]** may be displayed instead of the **[SLAB]** icon. In that case, select **[USB MIDI Device]**.) Connect the unit and Mac again with a USB cable and check if the **[SLAB]** icon is displayed.
- If you're using a PC, check if **[SLAB]** is displayed under **[Device Manager]** → **[Sound, Video, and Game controllers]**.

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FreeRTOS Kernel V10.5.0

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