

Serafim Keybo



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WARRANTY:

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This product has ONE YEAR Serafim warranty service, only in these following case should not be content into Serafim's warranty:

1. The product is repaired, modified or altered, unless such repair, modification or alteration is authorized in writing by Serafim.
2. In all cases the commencement date for the period is one year since the actual day of purchase, as reflected on the authorized reseller's or distributor's invoice / receipt provided to you.

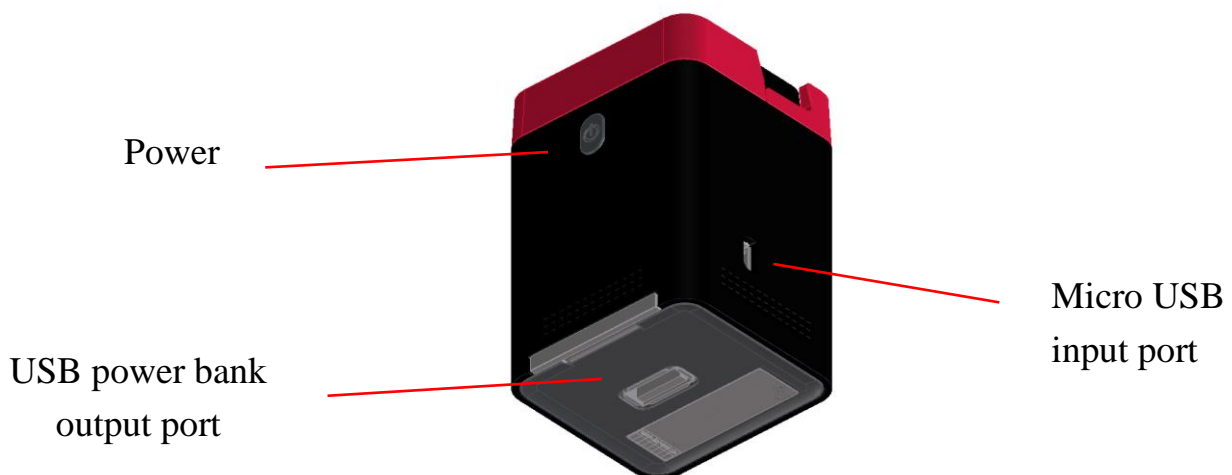
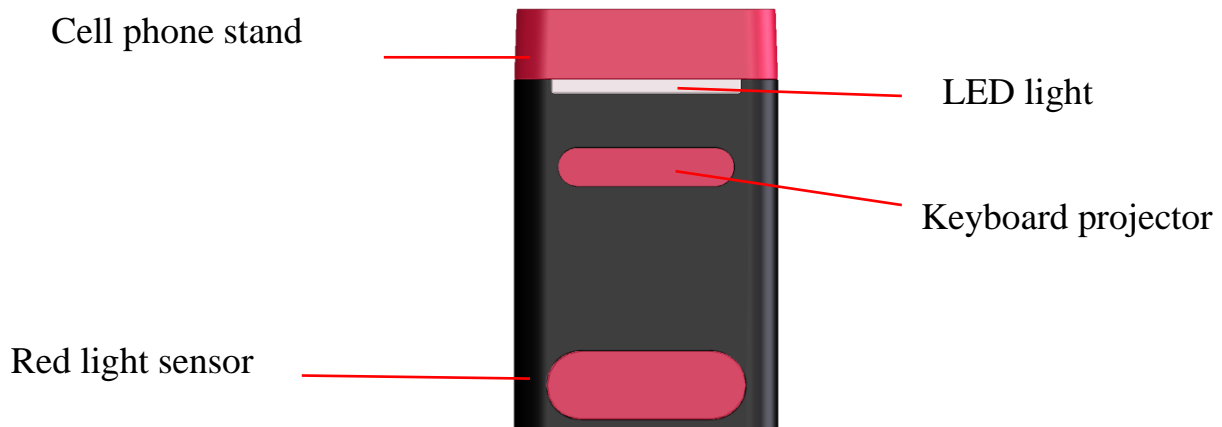
Packed contents :

Serafim Keybo x 1

Micro USB cable x 1

Serafim keybo Guideline x 1

Product overview :



Projection pattern overview :

French



Chinese



Japanese



Arabic



Spanish



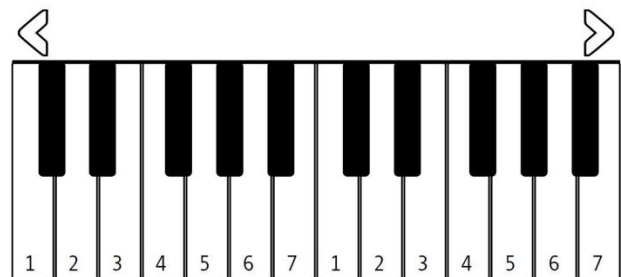
German



English



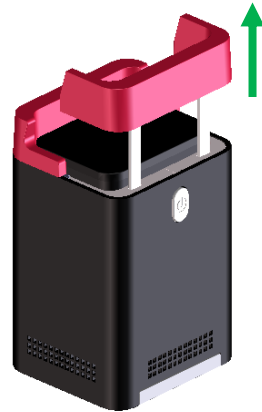
Piano



Product instruction guide :

Mechanical guide:

Press the bottom to open phone holder

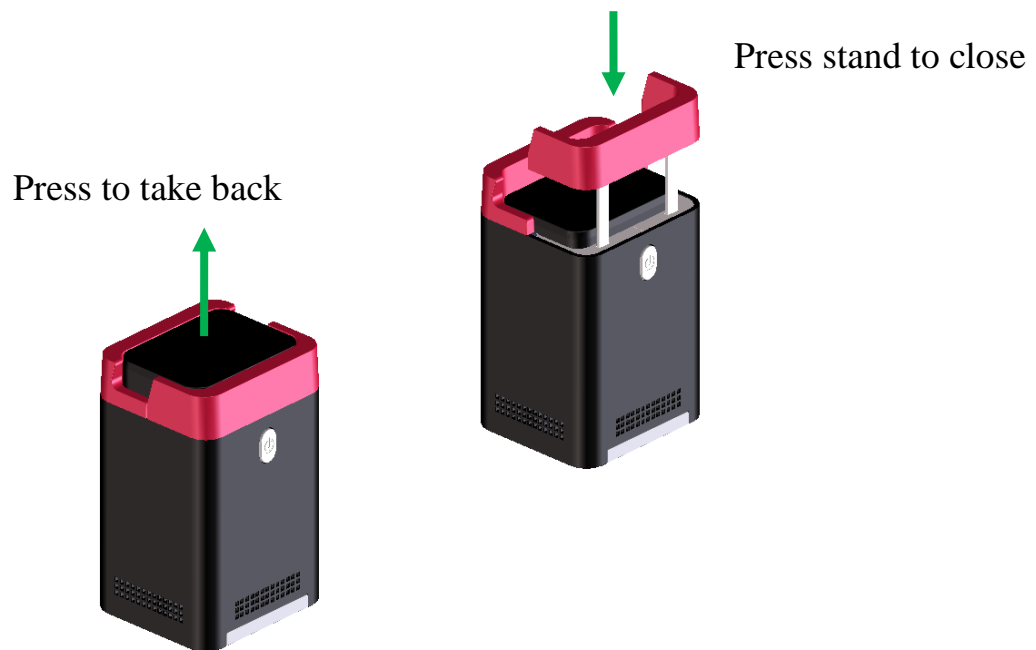


Mobile phone holder

****Better to use smart phone under 6 Inch.****



Push back Serafim Keybo holder



Lighting guide :

Keyboard mode:

Both in red : Charging.

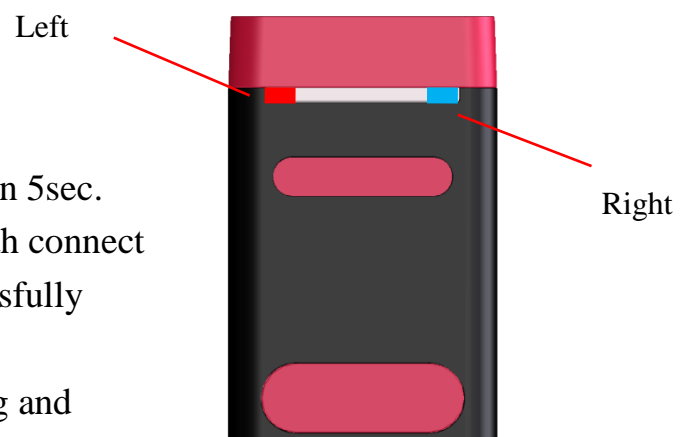
Both shinning in red : Battery low, turn off in 5sec.

Both shinning in blue : Waiting for Bluetooth connect

Both blue breathing light : Bluetooth successfully connected.

Left red right blue breathing light : Charging and waiting for Bluetooth connect.

Left red right blue breathing light : Charging and successfully connected with Bluetooth.



Power Bank mode:

Both in Green light: Full

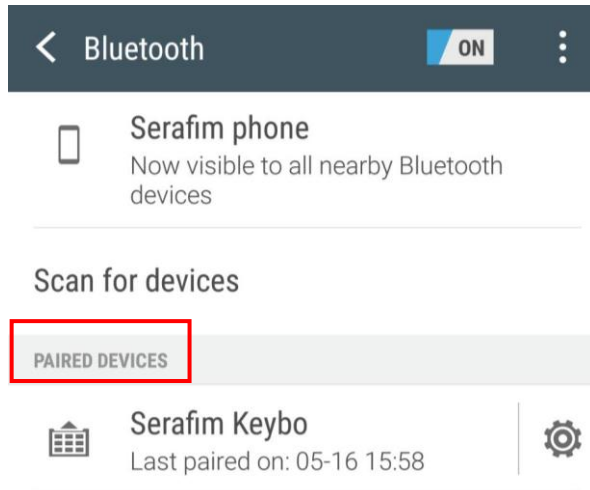
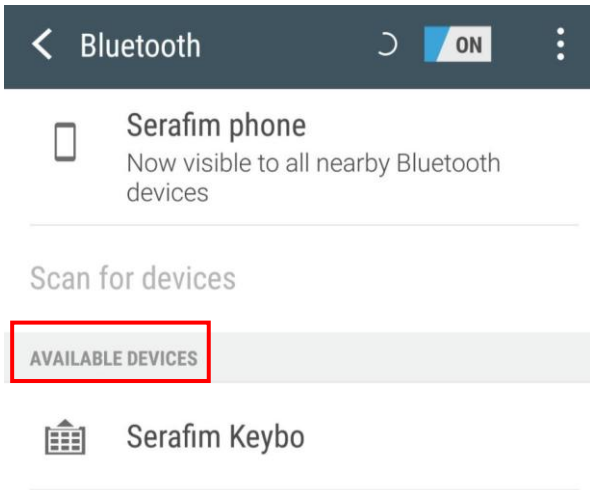
Both in Blue light: Average

Both in red light: Lower power

Both shinning in red : low power, turn off in 5 sec.

Bluetooth connection:

Android:

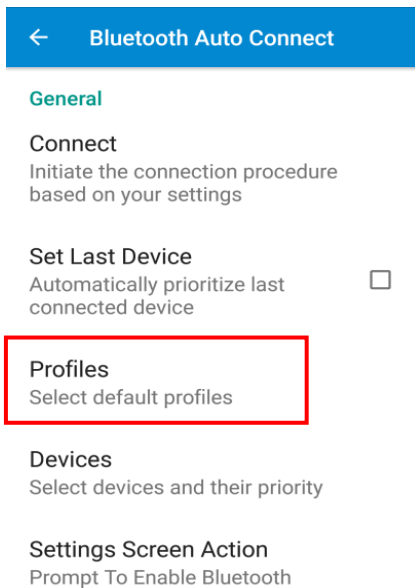


iOS:

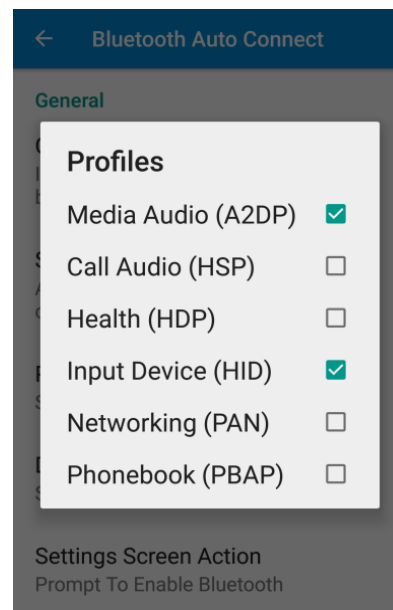


Huawei:

1. Download “Bluetooth auto connect” on Google play store.

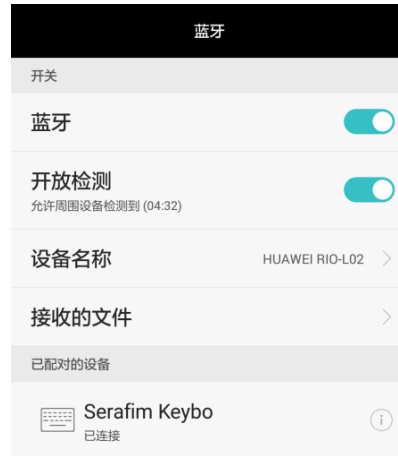
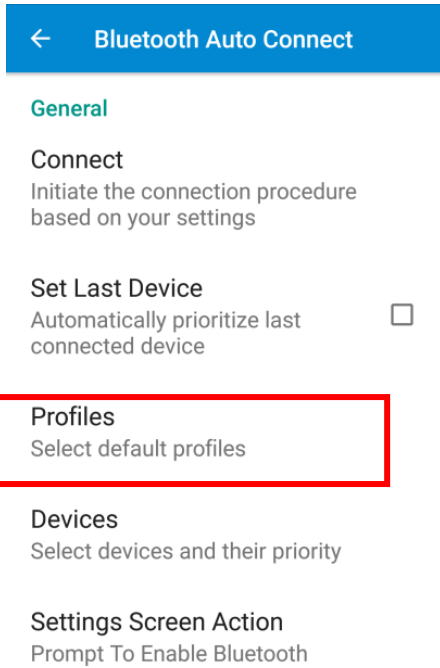


2. Launch “Bluetooth Auto Connect” APP, click “profiles”



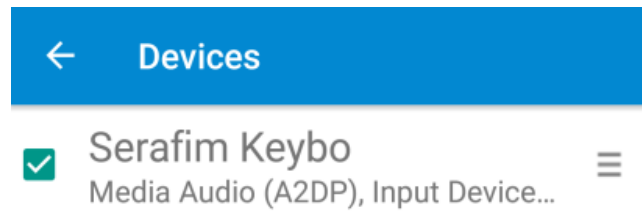
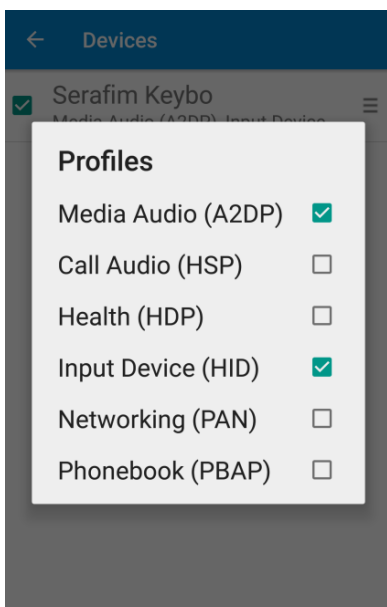
3. Check “Media Audio(A2DP)” and “Input Device(HID)”

4. Bluetooth connect with Serafim Keybo



5. Back to Bluetooth Auto Connect App, click “Devices”

6. Click “Serafim Keybo”



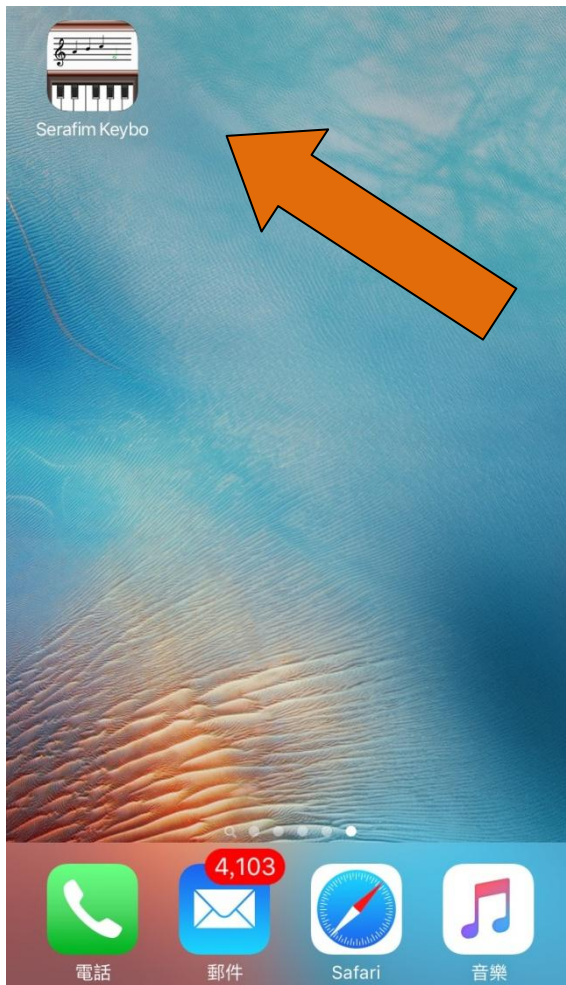
7. Click “Profiles” finish the setting by select “Media Audio(A2DP)”and “Input Device(HID)”

Serafim Keybo App guide

Turn on Bluetooth → Turn on Serafim Keybo → Open Serafim Keybo APP → Connect to Serafim Keybo → Have fun 😊 → Exit APP to keyboard mode

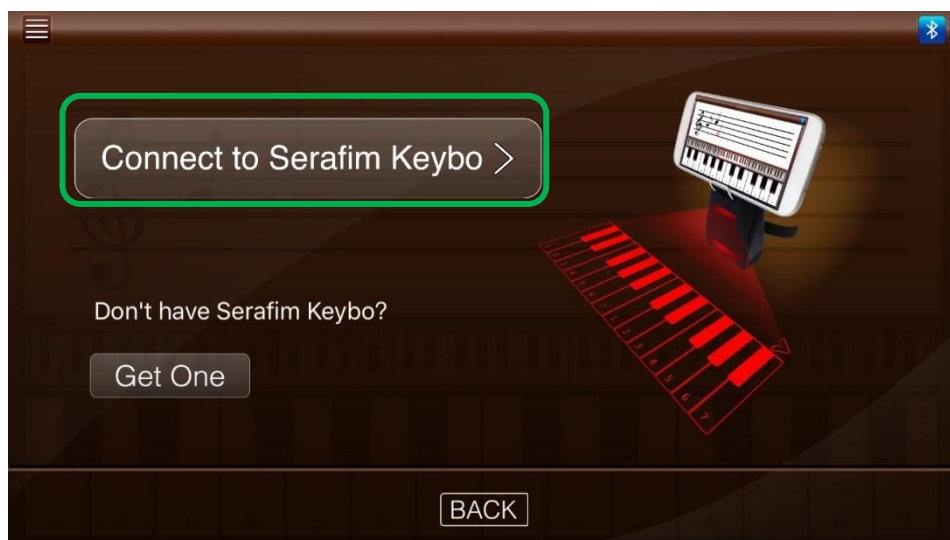
Apple iOS download



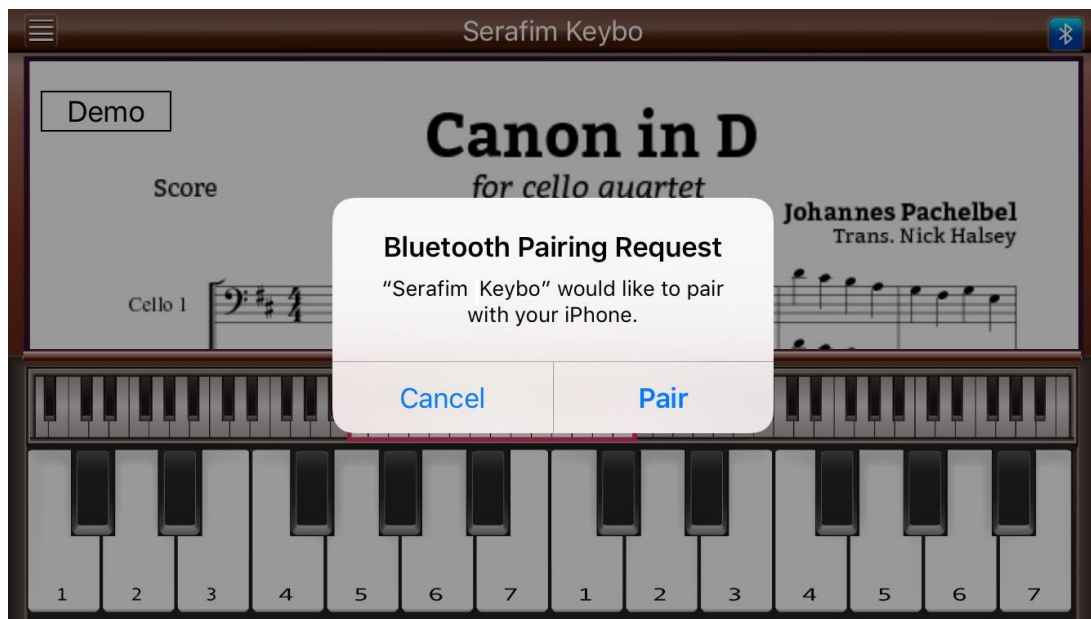


Launch Serafim
Keybo APP

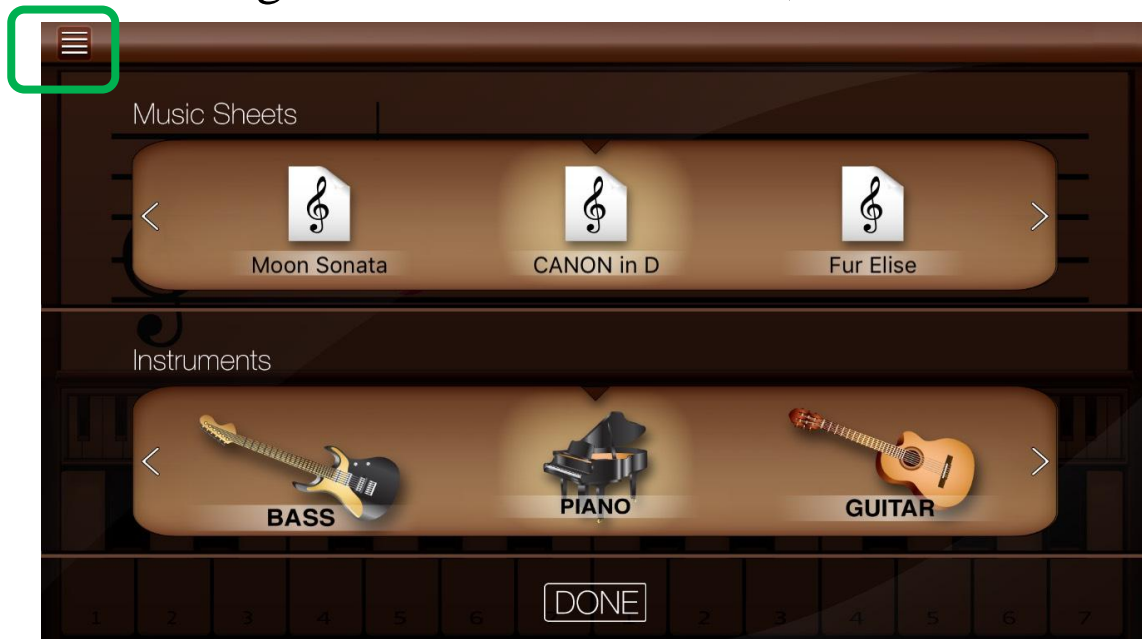
Click to enter piano mode

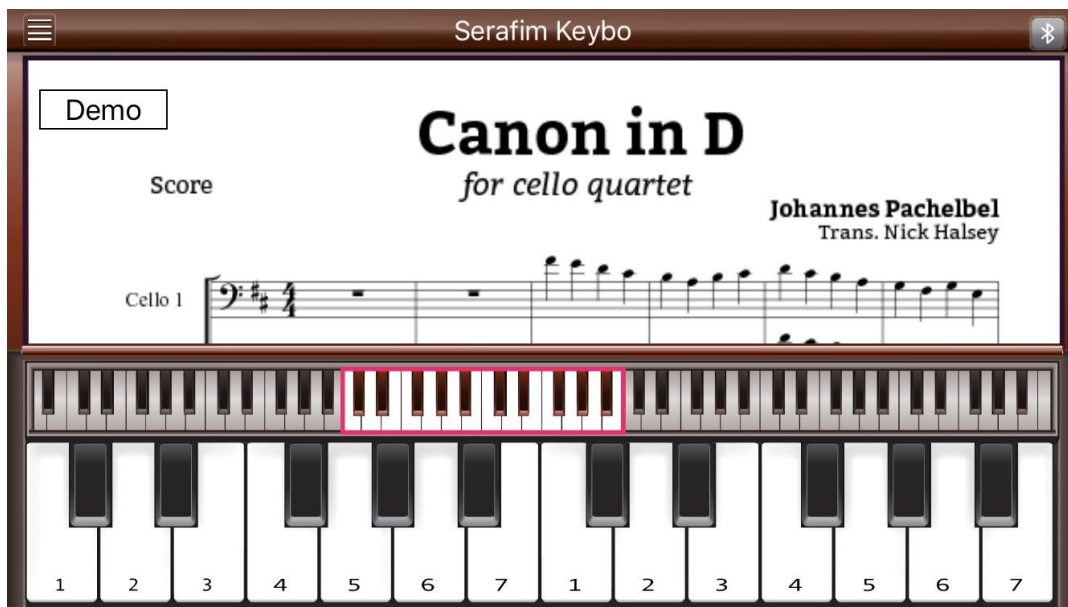


First time connect



Setting → Choose instruments, music sheets





“Exit APP to keyboard mode”

Hotkeys :

Fn +F1: Reduce screen brightness (For MacOS)

Fn +F2: Increase screen brightness (For MacOS)

Fn +F3: Mission Control (For MacOS)

Fn +F4: Launchpad (Must be set by first time user)

Fn +F5: Reduce project brightness

Fn +F6: Increase project brightness

Fn +F7: Previous track

Fn +F8: Play/ Pause

Fn +F9: Next track

Fn +F10: Mute

Fn +F11: reduce volume

Fn +F12: Increase volume

Fn +L: Switch projection language

Fn+ V: Adjust keyboard volume

iOS Caps Lock:

When user wish not to switch language with “Caps Lock”, please go to Setting → General → Keyboard → Hardware Keyboard → Disable Caps Lock Latin Switch.

Product specification:

■ Pattern Projector

Item	Specification
Light Source	Red Laser Diode
Keyboard Layout	QWERTY Keyboard Layout 24keys (14 white,10 black) Piano Keyboard Layout
Support Projection Keyboard Language	Arabic, Chinese, English, French, German, Spanish and Japanese
Keyboard Size	Approx. 268mm x 105mm
Piano Keyboard Size	Approx. 268mm x 108mm
Keyboard Location	Approx. 76mm from the bottom of device
Project Surface	Non-reflective, opaque flat surface

■ Keyboard Sensor

Item	Specification
Light Source	IR Laser Diode
Recognition Rate	Approx. up to 350 characters per minute
Operating Surface	Any firm flat surface

■ Electrical Characteristics

Item	Specification
External Power Supply	USB Power/ 5V 500mA
Battery & Capacity	Lithium-ion Polymer Battery, 3.7V / 2000mAH(MAX)
Battery Operating Time	Approx. 10hr(MAX) (Only Keyboard/Piano Mode)
Battery Charging Time	Approx. 300min
USB Interface	Fully compliant with USB 2.0 HID Ver 1.11
Bluetooth	V4.0 BLE, HID Profile
Frequency Range	2402 ~ 2480MHz

Channels	40
Modulation	GFSK

■ Environmental Conditions

Item	Specification
Operating Temperature	10 ~ 40°C / 85%RH
Storage Temperature	-25 ~ 75°C / 85%RH

■ Dimensions and Weight Specifications

Item	Specification
Size (mm)	48mm x 45mm x 77mm
Weight (g)	Approx. 120 g \pm 5

Android SDK, iOS Framework package download here:



Safety Notes:

1. Please avoid using under direct sun and heat sources
2. In case of abnormal heat generation, smoke or odor, please stop using immediately, improper use may result in fire or any unexpected accident
3. To avoid any damage, please use contained Micro USB cable
4. Never attempt to disassemble, modify and or repair the product by yourself.
5. This product contain Class I laser product, associate with FDA safety certification by United States of America.
6. For your safety, please do not aim the laser projection or the invisible infrared light to the eyes.
7. Please keep the product's sensor away from direct low-colour temperature lighting, such as halogen and incandescent lamp.
8. Please avoid using the product on a transparent or reflective surface such as glass or mirror, as well as an uneven surface.
9. Even though Serafim keybo has shown it had been fully charged, keybo's battery may not be charge to 100%.
10. Notice the risk of malfunction if used in an environment with drastic temperature change, high humidity or high pressure environment
11. Product is embedded with a rechargeable battery that has limited charge cycles. The battery life will decrease over time.



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FCC Notices

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: --Reorient or relocate the receiving antenna. --Increase the separation between the equipment and receiver. --Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. --Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

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減少電磁波影響，請妥適使用

