ROBKOO

Digital art crafting, sharing and learning made easy.

User's Manual

For ClariiOS version 1.3.



Please visit our website to obtain this manual in other languages.

Por favor inicie sesión en nuestro sitio web oficial para obtener las versiones en otros idiomas de este manual de usuario.

Consulter notre site officiel pour obtenir ce manuel d'utilisateur dans d'autres langues.

请登录我们的官方网站获取本用户说明书的其他语言版 本。

公式サイトにアクセスいただき、多言語ユーザーマニ ュアルもお手にとってご覧ください。

www.robkoo.com

Welcome

Robkoo helps everyone become a digital artist.

Thanks for purchasing Clarii mini. Before using this unit, please read and understand this manual. After reading, please keep it available for immediate reference.

For ClariiOS version 1.3.

Key to Symbols

- Suggested actions or tips
- 😢 Wrong actions or warnings

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Introduction

Concept

English

Clarii mini is a new form of wind instrument created by Robkoo. With its intuitive design, audio technology, and realistic sounds, Clarii makes performing music easier than ever.

Breathe. Shake. Play. Clarii mini is yet another musical instrument from the future after the launch of the original Wind Synthesizer R1.

Sound of true instruments

With sounds sampled from top performers around the globe, Clarii saves 10 or even 20 years of practice to achieve the vibe of a pro.

Shake & Play sounds

Play special novelty sounds by moving Clarii around. Turn Clarii into a rainstick, shaker and blade without blowing into it.

Design for music on-the-go

Clarii sits well in your backpack. Play wherever you want with its own speaker.

Adjustable thumb hook

The position of thumb hook can be adjusted in order to accommodate hand sizes of both children and adults.

High-accuracy accelerometer

Trigger performance techniques by simply shaking and waving. Tilt up and down for vibrato, pitch bend or any assigned effects.

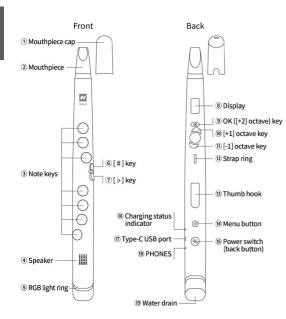
Learn in 2 minutes

Learn the basic fingering chart in 2 minutes. Keep practicing for 2 weeks, you will be ready to gig.

Package Contents

- Clarii mini
- Mouthpiece cap
- Dust bag
- Type-C cable
- User's manual
- Quickstart Guide

Panel Descriptions

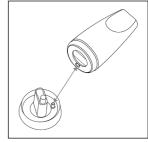


1 Mouthpiece cap

Protects mouthpiece. Remove before playing. After playing, clean the mouthpiece before putting the cap back on.

2 Mouthpiece

Replacable mouthpiece made for Clarii. Detach by gently sliding out (do not twist). While attaching, make sure to fit the plug as illustrated.



3 Note keys

Play notes by holding combinations of note keys while blowing into the mouthpiece. A variety of fingering modes are available.

Please find the fingering charts in "Appendix -Fingering Charts" of this manual.

(4) Speaker

Built-in speaker.

(5) RGB lights

Glow different colors according to the status of Clarii. Can be turned off.

English

6 [#] key

Raises the note(s) played by one semitone while pressed.

⑦ [þ] key

Lowers the note(s) played by one semitone while pressed.

(8) Display

Displays the current sound, key, octave, status, as well as menu items.

(9) OK ([+2] octave) key

- By default, hold to play 2 octaves above, release to restore.
- In menu, press to confirm.
 - You can set up this button in "Settings -Advanced Settings".

10 [+1] octave key

Hold to play 1 octave above, release to restore.

 Alternative cross-octave fingerings available in "Appendix - Fingering Charts" of this manual.

1 [-1] octave key

Hold to play 1 octave below, release to restore.

12 Strap ring

To attach the neck strap.

A neck strap can effectively prevent Clarii from falling.

13 Thumb hook

Fit your right thumb below the hook to hold Clarii.

Adjust the position of thumb hook to get the best fit with hands.

14 🗐 Menu button

Press to enter the settings menu. Keep pressing to browse through settings.

15 🛞 Power switch (back button)

- Hold for 2 seconds to power up.
- · Hold for 3 seconds to power off.
- In menu, press to go back.

English

16 Charging status indicator

Turns red when charging, turns green when fully charged.

17 Type-C USB port

Charges Clarii and transfers data. Connect this port to a computer or smart device to upgrade, charge, or exchange data.

18 PHONES

Stereo 3.5mm output for headphones/earbuds.

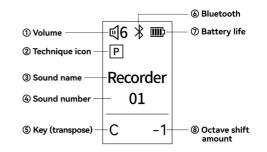
Please make sure the volume is proper before wearing the headphones.

19 Water drain

Drops of water will exit here. Wipe them off with a soft cloth. Do not jam the water drain.

Display

Performance Mode



1 Volume

Shows the current level of volume or indicates the muted status.

2 Technique icon

Shows the current technique. \fbox{P} indicates "Portamento." While \fbox{P} is on, all neighboring notes will glide to each other.

3 Sound name

Name of the current sound.

English

(4) Sound number

The corresponding number of the current sound.

(5) Key (transpose)

Shows the name of current key.

6 Bluetooth

English

Appears when Bluetooth MIDI is enabled (connected or not). Absent when Bluetooth MIDI is off.

7 Battery life

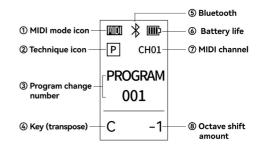
Shows the remaining battery life.

(8) Octave shift amount

Absent by default. If octave has been shifted in Advanced Settings, it shows the amount of octave shifts.

MIDI Mode

Clarii will switch to MIDI mode when connected to a DAW or JamKoo App.



1 MIDI mode icon

Appears when Clarii switches to MIDI mode. When connected to JamKoo App, JamKoo icon will appear instead \blacksquare .

2 Technique icon

Shows the current technique. P indicates "Portamento."

③ Program change number

The current program change number, ranging from 001 to 128.

(4) Key (transpose)

The current key (transpose), globally effective in MIDI mode.

5 Bluetooth

Appears when Bluetooth MIDI is enabled (connected or not). Absent when Bluetooth MIDI is off.

(6) Battery life

Shows the remaining battery life.

7 MIDI channel

The current MIDI Channel. Displays "CH01" to "CH16" for Channel 1 to 16.

(8) Octave shift amount

If the base octave has been shifted, it shows the amount of octave shifts. The shift applies globally in $\ensuremath{\mathsf{MIDI}}$ mode.

Playing

Playing Position

Hold Clarii as the illustration shows, with left hand above right hand. Rest your left thumb on the circle between octave keys. Fit your right thumb below the thumb hook to support this position.



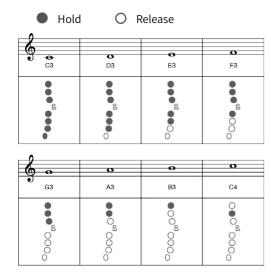
English

It is advisable to wear a neck strap.

Using the Mouthpiece

- Default method: gently wrap the mouthpiece with lips (like using a straw). Do not bite the mouthpiece.
- Alternative method: stick a saxophone/clarinet mouthpiece patch on its top. Wrap your lips around the mouthpiece and gently touch the top with your upper teeth.
 - To prevent injury, please do not bite the mouthpiece with strength.

Basic Fingering Chart



Multiple fingering modes available in Advanced Settings. Access advanced fingering charts in "Appendix – Fingering Charts" of this manual. Please visit Robkoo website (www.robkoo.com) to access the latest fingering charts.

Selecting a Sound

Press menu button once to view the Sound list. Use [+1]/[-1] octave keys to select, and press OK key to confirm.

Shake & Play

Special Shake & Play sounds can be played through simply shaking and waving Clarii. Such sounds do not support transpose or octave shift.

Rainstk

45 ***** 📖

While using Shake & Play sounds, L please watch out for connected cables.

13

Basic Settings

Settings Menu

English

Press the (\equiv) menu button to enter settings menu. Keep pressing the (\equiv) menu button again to switch through Sounds, Transpose, Volume, Reverb, Advanced, and System.

0 Sounds 6 0 Recorder System Transpose Oboe **BLE MIDI** Trumpet в Light FX Auto Powe Db 6 6 Advanced Volume 4 Octave Shi 6 OK Key Reverb Motion Cor 8 2 4

Navigating the settings menu

- Enter menu / switch menu: menu button
- Confirm: OK key
- Cancel/back: \circledast power switch
- Next/plus: [+1] octave key
- Previous/minus: [-1] octave key

Settings with Clarii App

While Clarii is connected with Clarii App, full settings are accessible on the device's page.

Read more about Clarii App in "Connecting with Clarii App" of this manual.

Sounds

The first menu. Use [+1]/[-1] octave keys to switch sounds. Press OK key to confirm.

Sounds

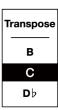
Recorder

Oboe

Trumpet

Transpose

This adjusts the global transpose (key). There are 12 keys: G, Ab, A, Bb, B, C (default), Db, D, Eb, E, F, and F#.



Volume

This adjusts the overall volume of PHONES and built-in speaker. There are 10 levels from 1 to 10, along with mute (Off).



Reverb

English

This adjusts the level of reverb in performance mode (as built-in reverb does not work in MIDI mode). There are 5 levels of reverb from 1 to 5, along with Off.

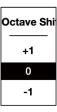
Reverb	
2	
3	
4	

Advanced Settings

Advanced Settings are accessible in settings menu.

Octave Shift

This shifts the octave of all sounds, ranging from -3 to +3.



OK Key

OK key is the first key under the display. By default, it works as [+2] octave key in performance mode. It can also be set up as the switch of portamento.

OK Key
Octave [+2]
Portamente

• Octave [+2] (default): hold to play 2 octaves above, release to restore.

• Portamento: to enable smooth and continuous gliding between notes. Press OK key once to enable its function, press again to disable it.

Motion Control

While motion control is enabled, the selected control kicks in as Clarii gets tilted up at a certain angle.



Off

- Off (default): disable motion control.
- Pitch bend: tilt up Clarii to pitch bend up, lower it to restore.

- Portamento: tilt up Clarii to enable portamento, lower it to disable.
- Vibrato: tilt up Clarii to turn on vibrato, lower it to turn off. The higher the tilt angle, the stronger the vibrato effect.

Motion Angle

This adjusts the interval of angles to trigger motion control. There are 5 levels from 1 to 5. The smaller the number, the easier to trigger. Default at level 3.

Porta	mento	o Time

This adjusts the speed of portamento between notes. There are 5 levels from 1 to 5. The smaller the number, the faster the speed.

Porta.Time	
2	
3	
4	

Motion And

2

3

4

Pitch Bend Range

This switches the range of pitch bend controls between 1, 2, and 3 semisteps. Default at 2.

PB.Range		
1 semi		
2 semi		
3 semi		

Fingering Mode

Alternative fingering modes are available for players with different backgrounds. Saxophone (recorder) fingering is the default fingering mode.

Fingering N _____ Whistle+

Sax

Hulusi

A selection of fingering charts are available in "Appendix – Fingering Charts" of this manual. Please visit Robkoo website (www.robkoo.com) to access the latest fingering charts.

Breath Curve

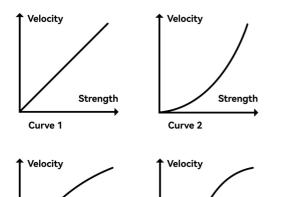
This selects the velocity curve of breath sensor. There are 4 curve styles available as below, with the horizontal axis representing the strength of breath and the vertical axis representing the interpreted velocity.

Strength



Strength

Curve 4



Breath Sensitivity

This adjusts the sensitivity of breath sensor. 5 levels are available from 1 to 5, with level 2 as default. The lower the level number is, the more breath-saving Clarii becomes.



English

Key Sensitivity

This adjusts the sensitivity of note keys. 8 levels are available from 1 to 8, with level 6 as default. The lower the number is, the faster note keys respond.

Unwanted notes may occur when keys are too sensitive. Change key sensitivity to a higher number to avoid.

Curve 3

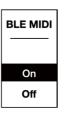
Key Sens. _____ 5-Normal 6 7

System Settings

System Settings are accessible in settings menu.

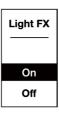
BLE MIDI

Enabled by default. When BLE MIDI is enabled, a Bluetooth icon will be on the top of the display. Clarii is able to connect with smart phone, computer and other smart devices through BLE MIDI as a MIDI controller.



Light FX

This switches on/off the RGB light ring.



Auto Power Off

Clarii will power off after standing by for a certain period of time. This setting selects the length of time before the auto power off. 4 options are available: 5mins, 30mins, 60mins, and "Never".

Auto Powe		
	5min	
	30min	
	60min	

Language

English and Chinese (simplified) are supported.



English

Factory Re Confirm Cancel

Version Info.

Factory Reset

This resets all settings.

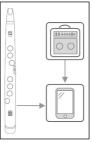
This displays the model name, serial number (SN), ClariiOS version, firmware version, and sound bank version. Please visit Robkoo website (www.robkoo.com) to access the latest updates.

Version Inf
Model
SN
ClariiOS

MIDI Mode

Connecting Clarii

Clarii can be used as a MIDI controller to play virtual instruments on computer or smart device.



USB MIDI

Connect Clarii with computer or smart device via USB cable as illustrated. Clarii sends out MIDI controls through cable, while the connected device outputs the sound.

BLE MIDI

Clarii comes with built-in BLE (Bluetooth Low Energy) MIDI connectivity. While BLE is enabled, Clarii can connect with computer or smart device wirelessly.

The default Bluetooth device name of Clarii is "Clarii mini - (last 4 digits of serial number)". This name can be modified using Clarii App.

Serial number (SN) is visible at the physical bottom of Clarii or in menu "System - Version Info."

If the model name "Clarii mini" is shown in the

"DEVICES" list or "Available devices" list in your smartphone's Bluetooth settings, do not tap it. If paired, use the smartphone's settings to end the connection, and tap "Forget This Device".

Playing in MIDI Mode

Upon successful connection with computer or smart device, Clarii will switch to MIDI mode, indicated by a display shown in the graph. The display will only show the program change number. When Clarii switches to MIDI mode, speaker will mute.

000 P	∦ Ш СН01
PROGRAM 001	
С	-1

English

Connecting with JamKoo App

Download (free)

Search "JamKoo" on the App Store or Google Play and download for free.



Connect

Keep Clarii near JamKoo, and find it on the Devices page of JamKoo. Alternatively, use USB Type-C cable to connect with smart device. A "Connected" message will pop up, indicating successful connection.

Make sure both Clarii and the smart device have Bluetooth enabled, meanwhile JamKoo is given access to Bluetooth.

Use JamKoo sounds

Upon successful connection to JamKoo, you can use Clarii as a MIDI controller and pick any JamKoo sounds to play in local performance sets or online tracks. Your device will output all sounds.

Access more features (Bluetooth connection only)

Tap "💭" to manage MIDI devices.

- Settings: go to "Settings" on the card of your Clarii.
- Custom fingerings: access "Fingering Mode" on the settings page of your Clarii, and add extra fingerings for any note.

Connecting with Clarii App

About

For your Clarii mini, Clarii App unlocks a whole new realm of possibilities. Boost your Clarii experience with an expanding library of new sounds, all-in-one performance editors, dedicated tutorials, and more.

Designed for Clarii mini

Discover, play and expand your sound bank in one App.

Install Sounds

Install your favorite sounds into your Clarii mini, like never before.

Take Full Control

Instantly switch sounds, fine-tune it and adjust your playing styles.

Easy Hands-On

Access video manuals and tools to make learning pleasantly easy.

Intuitive Settings

Personalize Clarii mini at your fingertips.

English

In-App Update

Connect to Clarii App to keep your Clarii mini up to date.



Download

Available on the App Store and Google Play.



Appendix

Important Notes

Please read carefully before using Clarii:

To avoid electric shock, damage, or other dangerous events that may result in injury or catastrophic outcomes, please use Clarii safely by complying with the following notes.

Power supply

Please use a standard 5V AC adapter.

Do not disassemble

No part of Clarii is supposed to be repaired by users themselves. DO NOT open up Clarii, take away parts, or modify the hardware in any way. If malfunction occurs, please stop using Clarii and visit Robkoo website (www.robkoo.com) to find a retailer for repair service.

Warning on humidity

Please DO NOT expose Clarii in rain, use Clarii near water, or use Clarii in humid environment. Please keep Clarii away from any liquid container (e.g. vase, bottle, glass) to avoid infiltration. If water or any liquid infiltrates Clarii, please power off Clarii and remove all cables immediately. Repair information can be found on Robkoo website (www.robkoo.com). DO NOT connect cables with wet hands.

Caution of heat

English

The battery inside Clarii is not replaceable. Do not expose Clarii to harsh sunlight, burning objects or other heat sources.

In event of accident

When any of the following event occurs, please power off Clarii immediately. Visit Robkoo website (www. robkoo.com) for repair information.

- Smell or smoke coming out from Clarii.
- Objects sliding into Clarii.
- · Falling or damaging.
 - Please follow the guidelines below to prevent injury, damage, or property loss to you and other people.

Storage

To avoid flipping, DO NOT store Clarii at unstable locations.

To avoid malfunctions, DO NOT expose Clarii to corrosive gases or salt gas.

Please remove all cables before storing Clarii.

Connection

Please switch off the audio equipment before connecting to Clarii. Please apply minimal level of volume before powering on/off any equipment.

Use Clarii safely

DO NOT stick finger into any gap or hole of Clarii.

Please avoid having objects (e.g. paper, plastic, metal) sticking into any gap of Clarii. In event of such situations, please power off Clarii immediately, and remove all cables. Visit Robkoo website (www.robkoo. com) for latest repair information.

DO NOT stack your body or heavy objects onto Clarii, and DO NOT apply excessive strength on the buttons, (5) power switch, or ports of Clarii.

DO NOT apply high/uncomfortable volume with speaker/amp/headphone for extended period of time, in order to avoid ear damage. If you experience symptom of deaf or tinnitus, please seek help from a doctor.

Robkoo is not responsible for any damage or data loss caused by misuse or unauthorized refit of Clarii.

Surrounding environment

Please use Clarii in an environment between 4°C to 30°C , between 5% RH to 75% RH, and between PH6.5 to PH7.2.

Maintenance

Clean your mouth before playing to maintain the hygiene of mouthpiece and prevent foreign objects from entering.

Condensation is common for wind instruments. On Clarii mini, drops of water will exit from the water drain. After playing, gently shake the instrument to force the inner water away. Use soft cloth to gently wipe the surface.

Mouthpiece can be removed regularly to wash. Hold the ring below mouthpiece with one hand, meanwhile slowly detach the mouthpiece with the other hand. After washing, use soft cloth to wipe it dry.

After use, it is strongly recommended to put Clarii into dust bag to protect it from scratch and dust.

ClariiOS Update

Updating ClariiOS to the latest version gives you access to the latest features and improves Clarii mini's performance.

ClariiOS update is carried out using Clarii App, the dedicated App for the Clarii mini. Connect Clarii mini to Clarii App, go to device's page to check and apply the available update.

Troubleshooting

Problem	Solution
Breath is not responding.	Moisture may accumulate inside Clarii and interfere with the breath sensor. Lean Clarii vertically and let water exit from water drain.
Display language is Chinese.	The language may be set to Chinese by accident. The path in menu is " 系统相关 - 语言 ". Select English and press OK key to confirm.
Fingering does not respond properly.	Fingering may not function if all 7 note keys are touched when powering up. Release all 7 note keys at the same time to fix.

For more information on update support, please visit Robkoo website (www.robkoo. com).

Clarii cannot be found by other smart devices.	 Check the Bluetooth icon on the top of display (performance mode). If the icon is absent, enable Bluetooth in "Settings -System - BLE MIDI". Check if the smart application is authorized to use Bluetooth and location. If not, please authorize the application in settings of the device. Bluetooth MIDI needs to be connected within a supported application. DO NOT connect in settings of the device where Bluetooth earbuds are connected.
Cannot charge.	The adapter may not be qualified. Use another adapter that supports USB protocol.
Noise comes	Some computers may cause
from PHONES	noise while charging Clarii via
port while	USB cable. Use another power
connected	source or avoid charging while
with computer.	playing.
Random	 Check if OK key was pressed
sounds	(enabled). Check if motion control is
occur while	enabled, and if the motion
performing.	angle is too low.

Т

Sound List

Group	No.	Sound	
	1	Recorder	
	2	Oboe	
Classical	3	Trumpet	
	4	(Alto) Sax	
	5	Violin	
	6	Hulusi	
Ethnic	7	Dizi	
Ethnic	8	Suona	
	9	Pipa	
	10	80s Gamer	
Synth	11	Firefly	
	12	Heal	
Fun	13	Meow	
	14	Shaker	
Shake & Play	15	Kongfu	
	16	Rainstick	

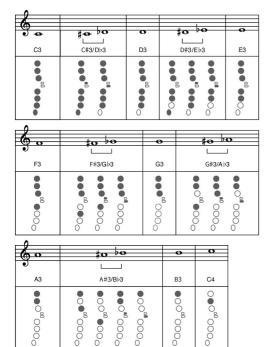
Connect to Clarii App to discover and install more sounds.

Г

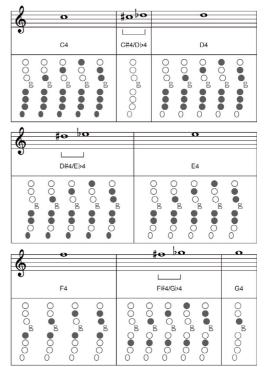
Fingering Charts

Hold O Release

Saxophone fingering (default)



Sharps/flats can usually be played without semitone keys by using alternative express fingerings. Meanwhile, express octave fingerings are available for certain notes in a higher octave. It means that some notes beyond one octave can be played without using any octave key:



EVI+ fingering

English

EVI+ is an adaption to the classical EVI fingerings. The row of Basic is identical to the original form – with base position at C4. The right hand fingerings are similar to a trumpet, while the highest key on left hand is [-5] semitone steps.

Extended: the lowest key on right hand is [+5] semitone steps, giving this fingering mode a wider range without using octave keys.

Express 1&2: because Clarii mini is feather-light, the left hand is not required to support it. Lifting left ring finger (the 3rd key from top) is [-1] semitone step, while lifting left middle finger (the 2nd key from top) is [+1] semitone step. In other words, the 2 keys can work as [±1] trill keys.

Express 3: lifting both left middle and ring fingers makes no difference to pressing those keys together, as the 2 keys will offset each other. Notice how almost one octave (G#3 - F4) is playable with right hand only.

[#] & [\flat] keys still function on top of any fingering.

9	Ð	#e 20	0	‡o ∳e	0	0
	C3	C#3/D+3	D3	D#3/E⊧3	E3	F3
Basic						••• [®] •00000
Extended						
Express 1	••••••••••••••••••••••••••••••••••••••	• 0 ²⁰ • 0				
Express 2						
Express 3						•00 ^B •0000

	to be	0	10 0	0	0 0	0	0
	F#3/GF3	G3	G#3/AF3	A3	A#3/B}3	B3	C4
Basic							00000
Extended							0 • • ⁰⁰ • 0 •
Express 1				0.0000000000000000000000000000000000000			•••°*•
Express 2	••••••••••••••••••••••••••••••••••••••						
Express 3			0000000000		000.0000		

	to 🖗	0	e • •	0		te bo
	⊂ C#4/D⊧4	D4	∟ D#4/E⊧4	E4	F4	∟ F#4/Gŀ4
Basic						
Extended			●00● ^m ●00		000	
Express 1		0 • 0 ⁰⁰ • 0 0 •	0.0000	000000		
Express 2				000000		000000
Express 3	0000		000 000	0000000	000°°000	

Whistle+ fingering

Whistle + is an adaption to Irish tin whistle in C. The row of Basic shows the minimal fingerings of a natural scale.

42

English

Acoustic: some of the fingerings existing in the acoustic counterpart are programmed and listed here.

Express 1: on top of Basic and Acoustic, the lowest key can be used as an extra [-1] key.

Express 2: pressing one extra key that is 2 keys downwards (if any) moves a note down by 1 semitone step. Combine with Express 2 where possible to play a [-2].

Express 3: the cross-octace express fingerings are partically available. It helps play a few extra notes in the higher octave without using the octave keys.

[#] & [\flat] keys still function on top of any fingering.

_							
6							
	σ	•	#0 PO	0	#0 PO	0	0
ľ.							
	B2	C3	C#3/Di-3	D3	D#3/E+3	E3	F3
Basic		••• ⁰ ••• ₀		••• [•] ••••••••••••••••••••••••••••••••		••• ^{al} •00 ₀	••• ^{al} 000 ₀
Extended							
Express 1	••••				••• ⁰⁰ •00	••• ^{••} 000•	•••••••••
Express 2							
Express 3							

	to be	0	#e 0	0	to be	•
	™ F#3/G⊮3	G3	G#3/Ai-3	A3	∟ A#3/B⊮3	B3
Basic		••°°°°°°°		00°°0000		000,0000
Extended					00000	
Express 1	••••••••••					
Express 2	••••°**•••••		•O• ^{al} 000 ₀		00000	
Express 3						

	0	to be	0	te ⇒o	0
	C4	C#4	D4	D#4/Ei-4	E4
Basic					
Extended					
Express 1					
Express 2					
Express 3					

When the upper 6 note keys play together as the 5th (sol):

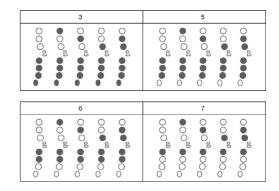
Hulusi fingering

1= G								
ş	Ģ	Ģ	7	1	2	3	4	5
				••• [®] 000 ₀	••0 [®] 000 ₀		000000000000000000000000000000000000000	000,0000

Dizi fingering

1=G								_
ş	Ģ	Ģ	?	1	2	з	4	#4
••• ^B ••••			••• ⁿ •0000	••• ¹⁰ 000 ₀	••0 ^{°°} 000 ₀	•00°°0000		000,0000

Express fingerings are also applicable to both Hulusi and Dizi fingerings:



MIDI Messages

English

In MIDI mode, depending on your settings, the following messages will be sent to computer or other sound sources.

Message	Control(s)	Setting(s)	
CC 1	Motion sensor	Motion Control -	
		Vibrato	
CC 2	Breath sensor	-	
	(Sent with notes		
CC 5	while portamento is	Porta. Time	
	enabled)		
CC 7	Volume	Volume	
		OK Key - Portamento	
CC 65	Portamento on/off	Motion Control -	
		Portamento	
Program	Second envitedaire e		
change	Sound switching	-	
Pitch bend	Pitch bend	Motion Control - Pitch	
Fitch bend	Pitch benu	Bend	

Specifications

Power supply	USB (Type-C) 5V 1A
Battery	Li-ion, 1200mAh
Current draw	1A
Sensor	Breath sensor, accelerometer
Standby time	Up to 12 hours
MIDI interface	USB MIDI, BLE MIDI
Audio ports	Stereo 3.5mm TRS headphone output
Accessories	Type-C cable, User's Manual, Quickstart Guide, mouthpiece cap, dust bag
Size	46cm (length) × 4cm (width) × 5cm (height)
Weight	263g

The built-in BLE module has been certified by SRRC, CMIIT ID: 2020DP2713.

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in Directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local

Manufacturer: Robkoo Information & Technologies Co., Ltd.

Address: B109, DoBe E-Manor of Qibao, No. 6 Huazhong Road, Minhang District, Shanghai, China

authorities for more information about the location as well as terms and

Warranty Overview

conditions of such collection points.

PLEASE READ: IMPORTANT INFORMATION ABOUT YOUR WARRANTY AND OTHER LEGAL RIGHTS

Limited One Year Warranty

For goods lawfully purchased from Robkoo and/or our authorized resellers, Robkoo warrants that this product will be free of defects in materials and manufacture under normal use for one year. The warranty term begins on the date of in store purchase or the date of delivery (if the purchase is made online). A proof of purchase in the form of receipt and a proof of delivery may be required. The warranty is conditioned on proper use of the product by the purchaser. Robkoo reserves the right to deny this Limited One Year Warranty if the defect is the result of abuse, neglect, alteration or attempted repair by non-authorized personnel. Upon return of the warranty-eligible product to Robkoo or an authorized repair center, your product will be repaired or replaced, free of charge, with a functional equivalent product that is new or refurbished in Robkoo's discretion.

Details about your rights under this warranty policy may vary from region to region, please consult your local reseller or visit Robkoo website (www.robkoo.com) for more information.

Additional statutory rights

You may have warranty rights under applicable consumer laws that give you greater rights than our Limited One Year Warranty described above. Accordingly, the Robkoo Limited Warranty is in addition to, and not instead of, your statutory rights. BY PURCHASING AND USING THIS PRODUCT, YOU AGREE THAT IN NO EVENT SHALL ROBKOO BE HELD LIABLE FOR ANY SPECIAL, INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OR FOR INJURY, LOSS OR DAMAGE WHICH A PERSON OR PROPERTY MAY SUSTAIN BY USE OF THIS PRODUCT. SOME STATE AND NATIONAL LAWS MAY NOT ALLOW THE EXCLUSION OF DAMAGES. THIS LIMITATION OF LIABILITY APPLIES ONLY WHERE ALLOWED BY LAW.

Warranty and repair policies are subject to change. Please see all of Robkoo's most current policies at Robkoo website (www.robkoo.com).

FCC Warning

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 to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



ROBKOO

Digital art crafting, sharing and learning made easy.

Robkoo Information & Technologies Co., Ltd

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- contact@robkoo.com