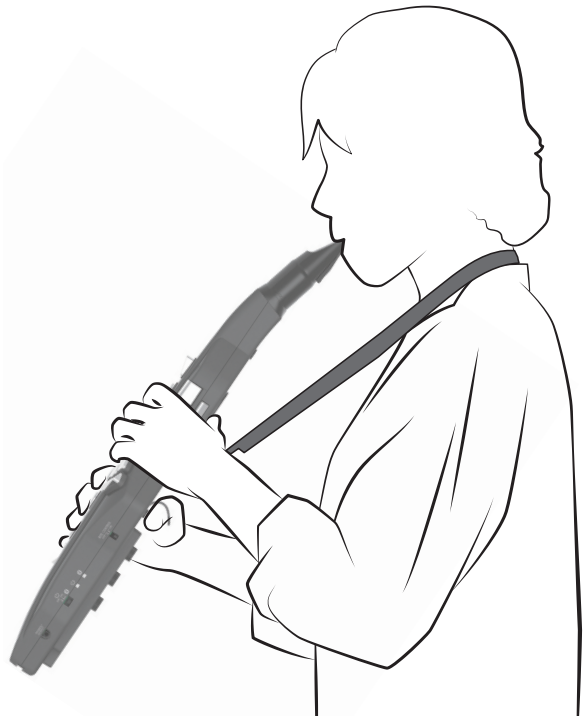
Roland

Aerophone GO

Owner's Manual



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Before using this unit, carefully read "USING THE UNIT SAFELY" (p. 10) and "IMPORTANT NOTES" (p. 11). After reading, keep the document(s) where it will be available for immediate reference.

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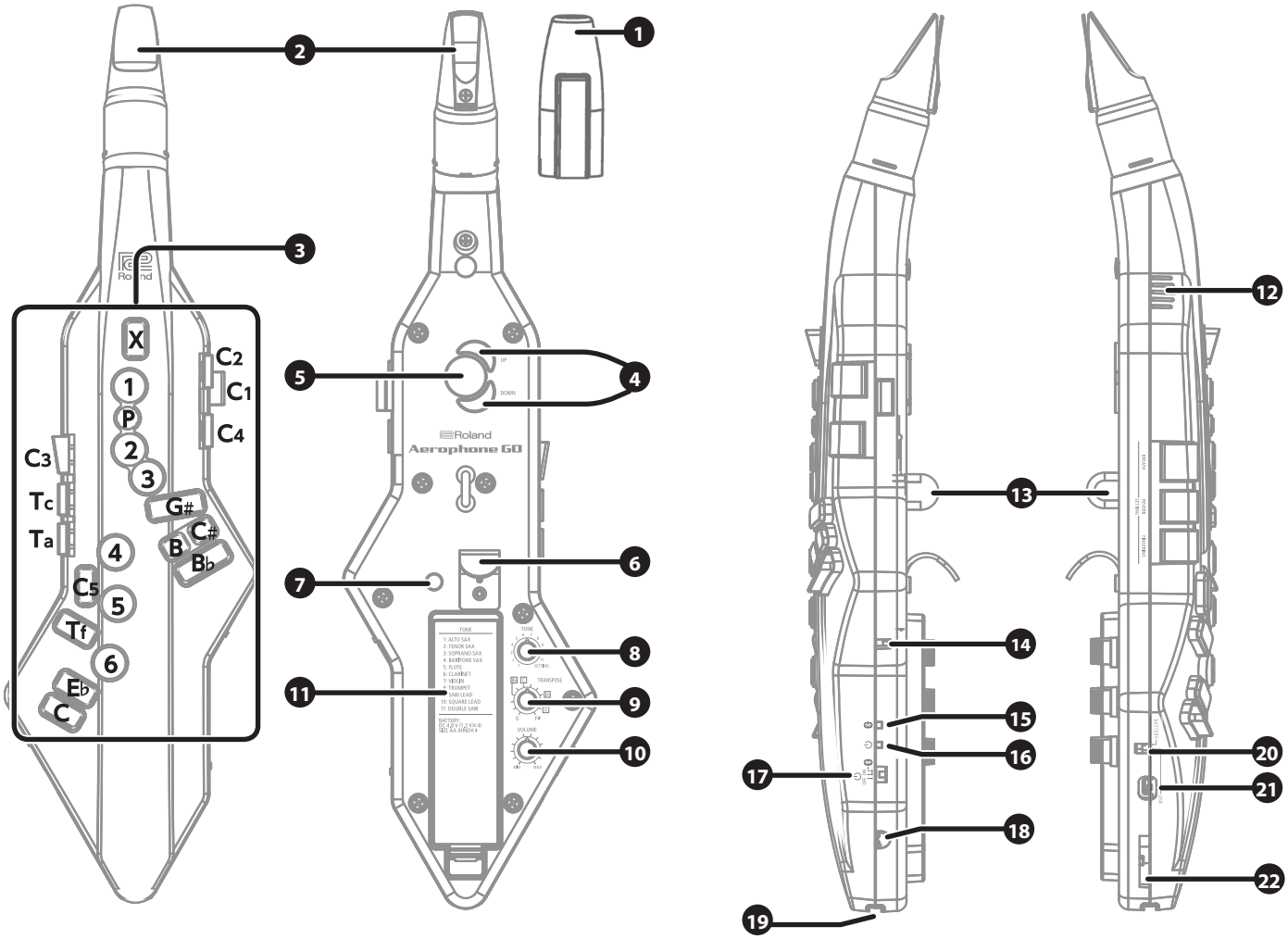
Panel Descriptions



1 Mouthpiece Cap

Protects the mouthpiece. When you're not playing, leave the mouthpiece cap attached. Taking care that it does not touch the reed, press it on until you hear it click into place.

2 Mouthpiece

A dedicated mouthpiece for the Aerophone GO that is constructed as a single unit with the reed.

➡ Refer to "Embouchure" (p. 6).

3 Performance keys

These keys are used for performance. They allow performance using the same fingering as a saxophone.

➡ Refer to "Pressing the Performance Keys" (p. 6).

4 Octave keys

Switch the octave. Operate them using the left-hand thumb.

You can use these to raise or lower the pitch by one octave.

You'll also use these to select the value of various settings.

➡ Refer to "Using the Thumb" (p. 6).
➡ Refer to "Changing the Settings" (p. 7).

5 Thumb rest

Place your left thumb here.

➡ Refer to "Holding the Aerophone GO" (p. 6).

6 Thumb hook

Place your right thumb under the hook.

➡ Refer to "Holding the Aerophone GO" (p. 6).

7 Thumb button

Bends up (raises the pitch) or bends down (lowers the pitch).

➡ Refer to "Using the Thumb" (p. 6).

8 [TONE] knob

Selects a tone. Turn the knob to switch between sounds "1"–"11."

If this is set to "SETTING," you'll be in settings mode.

➡ Refer to "Selecting a Tone" (p. 5).
➡ Refer to "Changing the Settings" (p. 7).

9 [TRANSPOSE] knob

Selects the base key (the note that is heard when you use the "C" fingering).

If you want to perform using the same base key as an alto sax, set this to the "E♭" position.

➡ Refer to "Selecting the Base Key" (p. 5).

10 [VOLUME] knob

The volume is regulated by the strength of your breath as you perform, but you can also use the [VOLUME] knob to adjust the overall volume.

This affects the volume of the built-in speaker and the volume from the device that's connected to the PHONES/OUTPUT jack.

⓫ Battery case

If you are using the Aerophone GO on batteries, insert four rechargeable Ni-MH batteries (AA).

➡ Refer to "Power Supply Settings" (p. 4).

⓬ Built-in speakers

⓭ Strap ring

Attach a neck strap here.

➡ Refer to "Attaching the Neck Strap" (p. 4).

⓮ Bite Control Switch

Switches bite control on/off.

If this is on, the force with which you bite the mouthpiece controls the pitch. If this is off, natural vibrato is applied automatically.

⓯ Bluetooth LED (blue)

The LED indicates the Bluetooth connection status.

Lit	Connected via Bluetooth
Blinking	Waiting to connect via Bluetooth
Unlit	Bluetooth off

⓰ Power LED (orange)

The LED indicates whether the power is on/off and the amount remaining in the batteries.

Lit	Power on
Blinking	Batteries are low
Unlit	Power off

⓱ [⏻] switch

Turns the power on/off, and turns Bluetooth on.

➡ Refer to "Turning the Aerophone GO on" (p. 4).

⓲ PHONES/OUTPUT jack

Connect this jack to your headphones or external speakers.

➡ Refer to "Connecting Your Headphones or External Speakers" (p. 5).

⓳ Water drain

Drops of water will exit here. Wipe them off with a soft cloth.

⓴ Power Select Switch

Selects whether the Aerophone GO will use batteries or will take its power from a USB AC adaptor.

➡ Refer to "Power Supply Settings" (p. 4).

㉑ USB Port

If you are powering the Aerophone GO from a USB AC adaptor, connect the included USB cable (type A).

If you are using the dedicated app on an Android smartphone, and feel that the sound is delayed, make connections using the included USB cable (micro B or type C).

* Do not use any cable other than the included USB cables.

➡ Refer to "Power Supply Settings" (p. 4).
➡ Refer to "Using the Aerophone GO with the Smartphone" (p. 8)

㉒ Cord hook

When using a USB cable, use this cord hook to secure it.

➡ Refer to "Secure to cord hook" (p. 3).

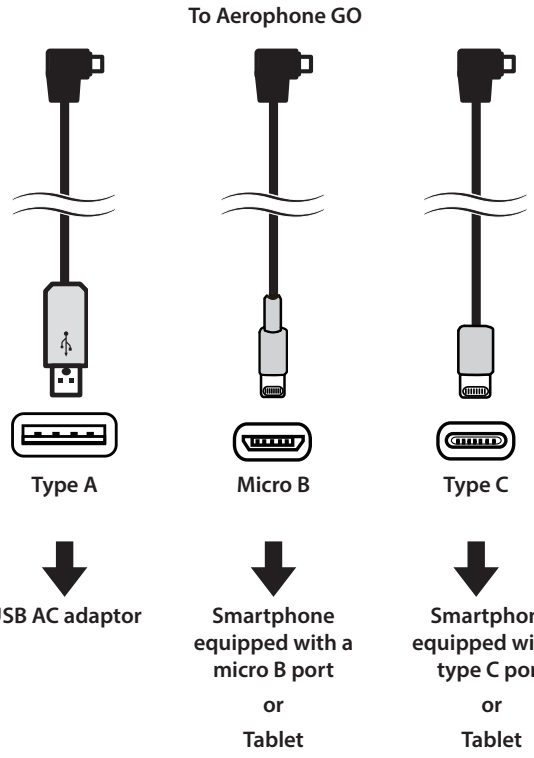
Connect the Included USB Cable

You can use one of these cables when supplying power to the Aerophone GO from a USB AC adaptor, or when you want to use a wired connection to connect the Aerophone Go with a smartphone on which the dedicated app is installed.

* Handle USB cables with care. If saliva drips down the USB cable and reaches the interior of the USB AC adaptor, malfunctions or electrical shock might occur.

The types of included USB cable and the uses of each type are shown below.

USB cable type	Purpose
Type A	Powers the Aerophone GO from a USB AC adaptor connected to the USB port.
Micro B	If you are using the dedicated app on an Android smartphone, and feel that the sound is delayed, make connections using a USB cable.
Type C	



Secure to cord hook

If you use a USB cable, secure it to the cord hook as shown in the illustration.

This prevents the cable from being inadvertently being unplugged if it is pulled, and prevents the connector from being stressed.

Power Supply Settings

The Aerophone GO can be powered by batteries or by a USB AC adaptor. Set the power select switch according to the power supply that you want to use.

Power Supply	Power Select Switch
Battery	Set to the "BATTERY" position
USB AC Adaptor	Set to the "USB" position

NOTE

If you are using the app on an Android smartphone that's connected via a USB cable, set the power select switch to "BATTERY" so that the unit is powered by batteries.

Using the "USB" position might cause problems, such as the battery of your smartphone running down.

BATTERY

When using batteries

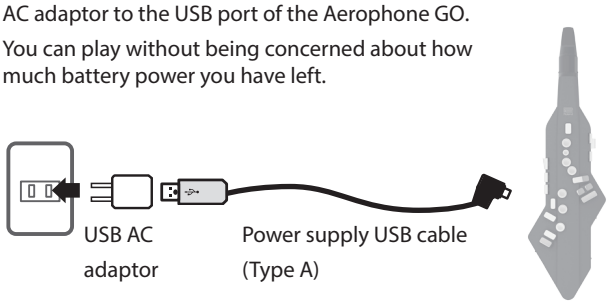
Insert four rechargeable Ni-MH (AA) batteries. This allows approximately 10 hours of playing.

* When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.
* Battery life can vary depending on the specifications of the batteries, capacity of the batteries, and the conditions of use.
* When the batteries run low, the power LED (orange) blinks.
* If you handle batteries improperly, you risk explosion fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" (p. 10) and "IMPORTANT NOTES" (p. 11).

When supplying power from a USB AC adaptor

Connect the included power supply USB cable (type A) and USB AC adaptor to the USB port of the Aerophone GO.

You can play without being concerned about how much battery power you have left.



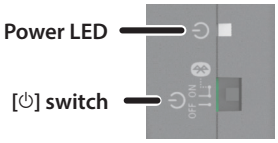
NOTE

Use only the included power supply USB cable (type A). When connecting or disconnecting the cable, grasp the plug itself; do not pull the cable.

Turning the Aerophone GO on

Set the [⏻] switch to "ON." If you're using the Aerophone GO with an app that's installed on your smartphone, set this to the "ᛒ" position.

The power supply LED indicates whether power is on or off.



NOTE

The sensitivity of the mouthpiece is automatically adjusted when you turn on the power (this unit takes about seven seconds for the system to start). For this reason, **don't bite or touch the mouthpiece while turning on the power switch.**

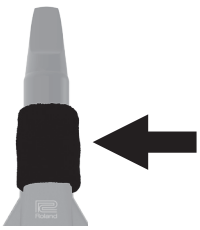
OFF	Power off
ON	Power on
ᛒ	The Bluetooth functionality is on. Use this position when using the Aerophone GO with an app that's installed on your smartphone.

* The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). To prevent the power from turning off automatically, make settings in the app to disable the Auto Off function. To turn the power on again, set the [⏻] switch to the "OFF" position, and then move it back to the "ON" position.
* When you turn the power switch "OFF," the power LED blinks and the shutdown process occurs. Do not remove the batteries or disconnect the USB AC adaptor until the LED goes dark.

Wrapping the Band

If you continue playing for an extended time, saliva from your mouth might drip down across the instrument and enter the interior from around the [⏻] switch or any keys.

When playing the instrument, wrap the included band around it as shown in the illustration.



Attaching the Neck Strap

Place the strap over your neck, and attach the hook of the strap to the strap ring of the Aerophone GO.

Selecting the Base Key

The sax is a transposing instrument. The note symbol written in the musical score differs from the note pitch that is actually sounded. In the case of an alto sax, the note written as "C" on the musical score actually sounds the "E ♭" pitch.

1. Use the [TRANSPOSE] knob to specify the base key (the pitch that is sounded by the "C" fingering).

For example, if you want to perform using the same fingering as an alto sax or baritone sax, set this to "E ♭" (+3). If you want to perform using the same fingering as a soprano sax or tenor sax, set this to "B ♭" (-2).

Selecting a Tone

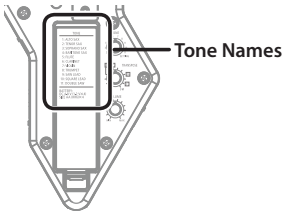
Use the [TONE] knob select a sound in the range of "1"–"11."

Tone List

No.	Tone Name
1	ALTO SAX
2	TENOR SAX
3	SOPRANO SAX
4	BARITONE SAX
5	FLUTE
6	CLARINET
7	VIOLIN
8	MUTE TRUMPET
9	SAW LEAD (*)
10	SQUARE LEAD (*)
11	PERCUSSION ➡ For details on the fingering and the assignments of sounds, refer to the "PERCUSSION" Assignment at the end of this manual.

(*) Synthesizer sounds

* The number indicated by the [TONE] knob corresponds to the names in the tone list. The tone names are also listed on the battery compartment cover.



Other Preparations

Make the following preparations as necessary.

Connecting Your Headphones or External Speakers

Since the Aerophone GO is equipped with a built-in speaker, it can produce sound by itself. If you want to connect headphones or an external speaker, connect them to the PHONES/OUTPUT jack.

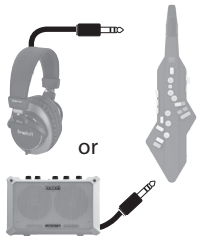
* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

Headphones

Since sound is not produced by the built-in speaker of the Aerophone GO, this is convenient for night-time practice.

External speakers

Since this allows high volume to be produced, it is convenient when you're performing live for a large number of people.



Mode Settings

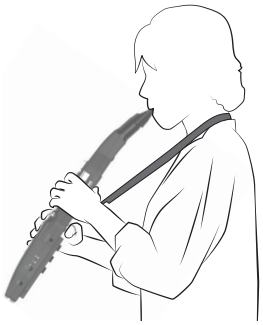
You can specify how the sound is affected by the force of your breath, the depth of reverberation, and the type of fingering.

➡ For details on how to make these settings, refer to "Changing the Settings" (p. 7).

Performing

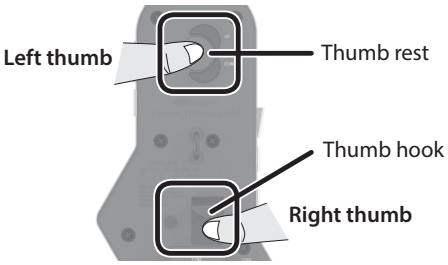
Holding the Aerophone GO

1. Attach the neck strap to the strap ring of the Aerophone GO, and hold it as shown in the illustration.



2. Place your left thumb on the thumb rest, and place your right thumb under the thumb hook.

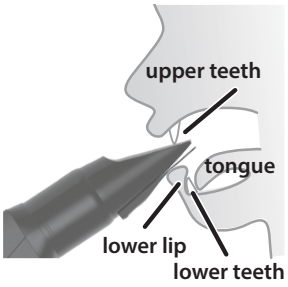
Support the instrument at three points: your right thumb, your upper teeth, and the strap.



Embouchure

Hold the mouthpiece lightly between your upper teeth and lower lip, and blow into it.

- By using tonguing (using your tongue to control your breath) and legato you can control the sound more expressively.
- You can control the pitch by the strength with which you bite the reed.



* If saliva runs down during performance, use a dry cloth to wipe it off diligently.

Using the Thumb

Octave keys

Switch the octave. You can raise or lower the pitch by one octave. Operate them using the left-hand thumb.

Thumb button

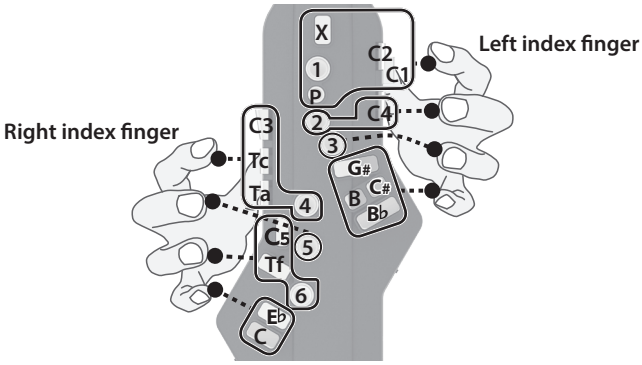
Bends up (raises the pitch) or bends down (lowers the pitch).

* Whether the thumb button bends up or bends down is specified for each tone, and this cannot be changed.

Pressing the Performance Keys

These are the performance keys. You can perform using the same fingering as on a saxophone.

➡ For details on fingering, refer to "Fingering Chart" at the end of this manual.

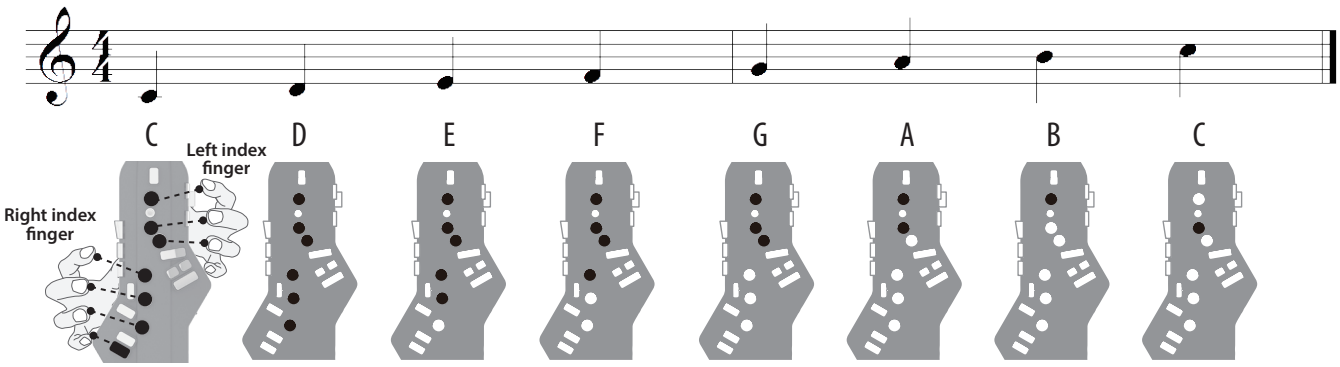


* Use the inside of your hand to press the side keys (C1–C4, Tc, Ta).

How to Make Sound

To begin, let's try playing C D E F G A B C using sax fingering.

Take a deep breath, and blow as through you're filling the entire instrument.



➡ For details on fingering, refer to "Fingering Chart" at the end of this manual.

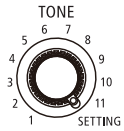
Changing the Settings

You can specify how the sound is affected by the force of your breath (Breath Curve), the depth of reverberation (Reverb Level), and the type of fingering (Fingering Type).

1. Set the [TONE] knob to the "SETTING" position.

You're in settings mode.

* When you play in settings mode, you hear the tone that you were previously playing.



2. Press the side key that corresponds to the item that you want to set.

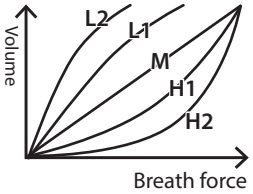
A "beep" is heard for a number of times corresponding to the current value of the setting.

3. Use the octave keys to specify the value of the setting.

A "beep" is heard for a number of times corresponding to the specified value.

* The value that you specify is saved automatically. Even if you turn off the power, the setting is remembered the next time that you turn on the power.

4. Turn the [TONE] knob to exit settings mode.

Setting	Side keys	Value		Explanation
Breath Curve	"C3"	**1**	L2	Specifies how the sound responds to the force of your breath. **L2, L1**: We recommend these settings if you're a beginning wind instrument player, or if you're not confident of your lung capacity. Fortissimo (ff) can be produced even by blowing relatively softly. **M**: This setting is the closest to the response of an actual wind instrument. **H1, H2**: We recommend these settings for sax players. Fortissimo (ff) is produced only when you blow quite strongly. 
		2	L1	
		3	M	
		4	H1	
		5	H2	
Reverb Level	"Tc"	**1**	OFF	Adjusts the depth of reverb (the reverberation that is characteristic of a performance in a concert hall). Higher values produce deeper reverberation; lower values produce shallower reverberation.
		2	1	
		3	2	
		4	3	
		5	4	
Fingering Type	"Ta"	**1**	Sax	Switches the fingering setting. ➡ For details on fingering, refer to "Fingering Chart" at the end of this manual. **Sax**: Sax fingering **Recorder**: Recorder fingering. This uses standard recorder fingering, with the pitch range expanded by the table key. With this fingering, the side keys are disabled so that the note does not change even if you inadvertently press the left or right side key. **E-Wind**: Electronic wind instrument fingering. The same "C D E F G A B C" fingering as a standard sax or recorder, with key combinations that raise/lower the pitch by a semitone. **1, 2, 3, 4, 5, 6, C**: The same "C D E F G A B C" fingering as a standard sax or recorder **Tc, G#, C#**: Raise by a semitone **Ta, Tf, Eb, B**: Lower by a semitone **Bb**: Lower by a whole tone ➡ Refer to "Pressing the Performance Keys" (p. 6).
		2	Recorder	
		3	E-Wind	

MEMO

You can use the dedicated app to edit the settings of the Aerophone GO from your smartphone or tablet.

➡ Refer to "Using the Aerophone GO with the Smartphone" (p. 8).

Returning to the Factory Settings (Factory Reset)

Here's how to return the Aerophone GO to its factory-set state.

* Be aware that when you execute a factory reset, all previously stored settings are lost.

1. With the [⏻] switch in the "OFF" position, turn the [TONE] knob to the "SETTING" position.

2. While holding down both of the octave keys "UP" and "DOWN," turn the [⏻] switch "ON."

A series of short "beeps" is heard, asking you to confirm the operation.

3. Press the thumb button.

A long "beep" is heard, and the settings return to the factory-set state.

4. Turn the power off, and then on again.

This completes the factory reset.

Using the Aerophone GO with the Smartphone

Here's What You Can Do

You can use the Aerophone GO along with a mobile device such as a smartphone or tablet (subsequently referred to as a "smartphone").

- Perform on the Aerophone GO along with music played from a smartphone (Bluetooth audio function)
- Use the dedicated app to make Aerophone GO settings or play the app's sound engine

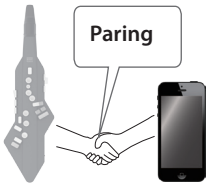
* The dedicated app supports iOS and Android products.

You can customize the Aerophone GO in various ways, for example by adjusting its master tuning or specifying the basic state for reed bite strength.

Pairing

To connect wirelessly via Bluetooth, you must first perform "pairing" so that the Aerophone GO is connected to your smartphone in a one-to-one relationship.

"Pairing" is the procedure of registering (mutually authenticating) your smartphone with Aerophone GO.



Making Settings

Performing on the Aerophone GO Along with Music Played from a Smartphone

1. Place the smartphone near the Aerophone GO.

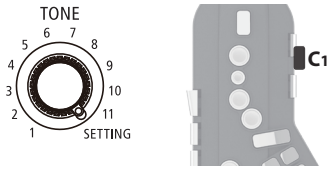
2. Set the Aerophone GO's [⏻] switch to the " " position.

The Bluetooth LED blinks.

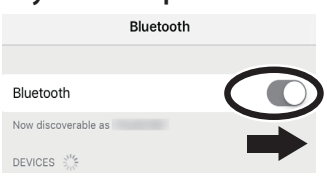
4. Set the [TONE] knob to the "SETTING" position, and long-press "C1" key.

The Aerophone GO is now ready to begin pairing.

When pairing starts, you'll hear a "beep" twice.



5. In your smartphone's settings, turn Bluetooth on.



Example screen on an iOS device

6. Tap "AE-05 Audio" that is shown in the Bluetooth device screen of your smartphone.

Aerophone GO is paired with the smartphone. When the screen of the smartphone shows as follows, pairing is complete.

iOS device

"MY DEVICES" 0 "AE-05 Audio Connected"

Android device

"Paired devices" 0 "AE-05 Audio"

* To disconnect, either set the Aerophone GO's [⏻] switch to other than the " " position or turn the smartphone's Bluetooth function off.

7. On your smartphone, use a music app to play back a song.

The sound is heard from the speaker of the Aerophone GO.

* The playback volume cannot be adjusted from the Aerophone GO itself. Use your smartphone to adjust the volume.

Using a Smartphone to Edit Aerophone GO Settings or Play the App's Sound Engine

1. Install the dedicated app on your smartphone.

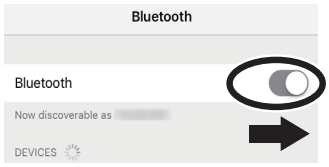
Download the app from the App Store if you have an iOS device, or from Google Play if you have an Android device.

2. Place the smartphone on which the app is installed near the Aerophone GO.

3. Set the Aerophone GO's [⏻] switch to the " " position.

The Bluetooth LED blinks.

4. In your smartphone's settings, turn Bluetooth on.



Example screen on an iOS device

NOTE

Even if the model name "AE-05" is shown in the "DEVICES" list (iOS) or "Available devices" list (Android), don't tap it.

5. Start the dedicated app, and perform pairing as directed by the screen.

When the Bluetooth LED changes to steadily lit, connection is complete.

* If you're using the dedicated app, you can't use Bluetooth audio functionality. The connection of the dedicated app takes priority. Audio connection is not possible while the dedicated app is connected. If you connect the dedicated app while the audio connection is in use, the audio connection is cancelled and the dedicated app is connected.

6. Following the directions in the dedicated app's screen, make settings for the Aerophone GO or play the app's sound engine.

* If you want to play the dedicated app's sound engine, set the Aerophone GO's [VOLUME] knob to the MIN position. If the [VOLUME] knob is raised, you'll hear the app's sound engine simultaneously with the sound of the Aerophone GO.

Appendix

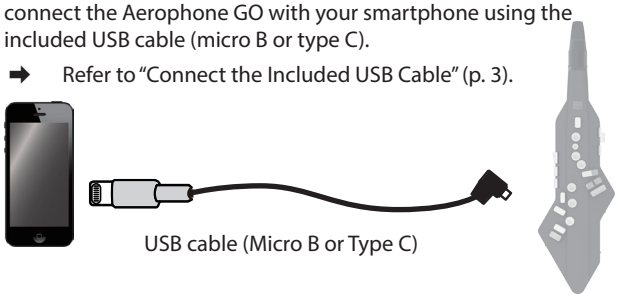
If You Can't Connect via Bluetooth

Items to check / Problem	Action
Is the [⏻] switch set to the " " position?	Set the [⏻] switch to the " " position.
In the settings of your smartphone, is the Bluetooth functionality turned "on"?	In your smartphone's settings, turn Bluetooth on. If it is "on" but you still can't connect, try turning it "off" and then "on" again; this might allow connection to occur.
Editing the Aerophone GO from your smartphone	
In step 4 of the procedure, could you have tapped a model name "AE-05" shown on the smartphone?	In step 4 of the connection procedure, do not tap "AE-05" even if it is shown on your smartphone. If you tapped it, temporarily cancel pairing on your smartphone, turn the Bluetooth functionality "off," and then "on" again. Try the connection procedure again from step 1.

Android users

When you play the sounds of the Aerophone GO through your smartphone, the sound might be delayed in some cases. If so, connect the Aerophone GO with your smartphone using the included USB cable (micro B or type C).

➡ Refer to "Connect the Included USB Cable" (p. 3).



USB cable (Micro B or Type C)

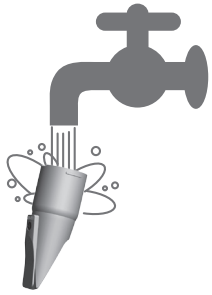
1. **Set the Aerophone GO's [⏻] switch to the "ON" position.**
2. **Start the dedicated app, and operate as directed by the screen.**

If you've checked the points listed above but are still unable to solve the problem, refer to the support page of the Roland website or contact your dealer.

http://www.roland.com/support/

Maintaining the Mouthpiece

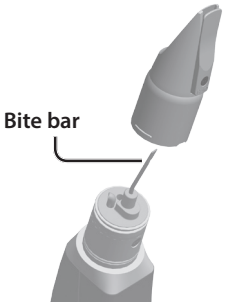
The maintenance needed for a conventional saxophone is not necessary. If the mouthpiece becomes soiled from playing, remove the mouthpiece, wash it with water, and use a soft cloth to dry off any water droplets.



As shown in the illustration, insert the mouthpiece all the way until the concave and convex portions align.

NOTE

- If the mouthpiece is not inserted all the way, you won't be able to control the tone by the strength with which you bite the reed.
- When removing or attaching the mouthpiece, take care not to bend the bite bar.
- Take care not to hurt your hand on the screw that's inside the mouthpiece.
- When attaching the mouthpiece, take care not to pinch your finger between the movable part and the body of the instrument. Applying commercially available recorder cream makes attachment and removal easier.



Main Specifications

Roland Aerophone GO (AE-05): Digital Wind Instrument

Bluetooth	Bluetooth Ver 4.2 Profile Support: A2DP (Audio), GATT (MIDI over Bluetooth Low Energy) Codec: SBC (Support to the content protection of the SCMS-T method)
Power Supply	USB AC adaptor (sold separately) Rechargeable Ni-MH battery (AA, HR6) (sold separately) x 4
Current Draw	400 mA
Battery life for continuous use	Rechargeable nickel metal hydride batteries: approximately 10 hours (When using batteries having a capacity of 1,900 mAh.) * differs depending on the conditions of use * Carbon-zinc or alkaline batteries cannot be used
Dimensions	128 (W) x 78 (D) x 454 (H) mm 5-1/16 (W) x 3-1/8 (D) x 17-7/8 (H) inches
Weight (including batteries)	695 g, 1 lb 9 oz
Accessories	Owner's manual, Mouthpiece cap, Neck strap, Dedicated hand carry bag, Band, USB cable (Power Type A, Data micro B, Data Type C)
Options (sold separately)	Replacement Mouthpiece

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠WARNING and ⚠CAUTION Notices

⚠WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

⚠	The △symbol alerts the user to important instructions or warnings.The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
⃠	The ⃠symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
●	The ●symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

⚠ WARNING

When using the strap, take care that it does not become wound around your neck.

Concerning the Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). To prevent the power from turning off automatically, make settings in the app to disable the Auto Off function.

Do not disassemble or modify by yourself

Do not carry out anything unless you are instructed to do so in the owner's manual. Otherwise, you risk causing malfunction.

Do not repair or replace parts by yourself

Be sure to contact your retailer, a Roland service center, or an authorized Roland distributor. For a list of Roland service centers and official Roland dealers, refer to the Roland website.

http://roland.cm/service

Do not use or store in the following types of locations

- Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
- Damp (e.g., baths, washrooms, on wet floors); or are
- Exposed to steam or smoke; or are
- Subject to salt exposure; or are
- Exposed to rain; or are
- Dusty or sandy; or are
- Subject to high levels of vibration and shakiness; or are
- Placed in a poorly ventilated location.

Do not place in an unstable location

Otherwise, you risk injury as the result of the unit toppling over or dropping down.

Avoid extended use at high volume

Use of the unit at high volume for extended periods of time may cause hearing loss. If you ever experience any hearing loss or ringing in the ears, you should immediately stop using the unit and consult a specialized physician.

⚠ WARNING

Do not allow foreign objects or liquids to enter unit; never place containers with liquid on unit

Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) to enter this product. Doing so may cause short circuits, faulty operation, or other malfunctions.

Turn off the unit if an abnormality or malfunction occurs

In the following cases, immediately turn off the power and contact your retailer, a Roland service center, or an authorized Roland distrybutor for service.

- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit does not appear to operate normally or exhibits a marked change in performance.

For a list of Roland service centers and official Roland dealers, refer to the Roland website.

http://roland.cm/service

Be cautious to protect children from injury

Always make sure that an adult is on hand to provide supervision and guidance when using the unit in places where children are present, or when a child will be using the unit.

Do not drop or subject to strong impact

Otherwise, you risk causing damage or malfunction.

Handle batteries carefully

If used improperly, you risk the dangers of fluid leakage, overheating, combustion, explosion, etc. Carefully observe the following:

- Do not heat, disassemble, or toss them into a fire or water.
- Do not expose them to sunlight, flame, or any other source of extreme heat.
- When using a rechargeable battery and a charger, make sure to use only the combination of rechargeable battery and charger that has been specified by the battery manufacturer. Also, be sure to read all of the precautions that were supplied with the rechargeable battery and charger, and abide by them when using the battery/charger.

⚠ CAUTION

Route all power cords and cables in such a way as to prevent them from getting entangled

Injury could result if someone were to trip on a cable and cause the unit to fall or topple.

Avoid climbing on top of the unit, or placing heavy objects on it

Otherwise, you risk injury as the result of the unit toppling over or dropping down.

Disconnect all cords/cables before moving the unit

Damage or malfunction may result if you fail to disconnect all cables before moving the unit.

Handle batteries carefully

If used improperly, batteries may explode or leak and cause damage or injury. In the interest of safety, please read and observe the following precautions.

- Carefully follow the installation instructions for batteries, and make sure you observe the correct polarity.
- Avoid using new batteries together with used ones. In addition, avoid mixing different types of batteries.
- Remove the batteries whenever the unit is to remain unused for an extended period of time.
- Never keep batteries together with metallic objects such as ballpoint pens, necklaces, hairpins, etc.
- Used batteries must be disposed of in compliance with whatever regulations for their safe disposal that may be observed in the region in which you live.

Take care so as not to get fingers pinched

When handling the following moving parts, take care so as not to get fingers, toes, etc., pinched. Whenever a child uses the unit, an adult should be on hand to provide supervision and guidance.

- mouthpiece (p. 9)

Handle leaking batteries carefully

- Do not touch the liquid with your bare hands.
- If any of the leaking fluid gets into your eyes, the loss of vision may result. Do not rub your eyes; use clean water to flush them thoroughly. Then, promptly see a doctor.
- Burning of the skin or dermatitis may result if fluid has gotten onto your skin or clothing. Use clean water to flush affected areas thoroughly; then, promptly see a doctor.
- Using a soft cloth, carefully wipe any remaining fluid from the inside of the battery compartment. Then, install new batteries.

IMPORTANT NOTES

Power Supply: Use of Batteries

- Before installing/removing batteries, make sure to turn off the power to this unit and disconnect all connections to other devices.
- If the batteries run extremely low, the sound may distort, but this does not indicate a malfunction. If this occurs, please replace the batteries / use a USB AC adaptor.
- If operating this unit on batteries, please use rechargeable Ni-MH batteries.

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This unit may interfere with radio and television reception. Do not use this unit in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- When moved from one location to another where the temperature and/or humidity is very different, water droplets (condensation) may form inside the unit. Damage or malfunction may result if you attempt to use the unit in this condition. Therefore, before using the unit, you must allow it to stand for several hours, until the condensation has completely evaporated.
- Whenever any liquid has been spilled on the surface of this unit, be sure to promptly wipe it away using a soft, dry cloth.

Maintenance

- Never use benzine, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, try to make a habit of creating regular backups of the data you've stored in the unit.
- Roland assumes no liability concerning the restoration of any stored content that has been lost.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- To avoid disturbing others nearby, try to keep the unit's volume at reasonable levels.

Caution Regarding Radio Frequency Emissions

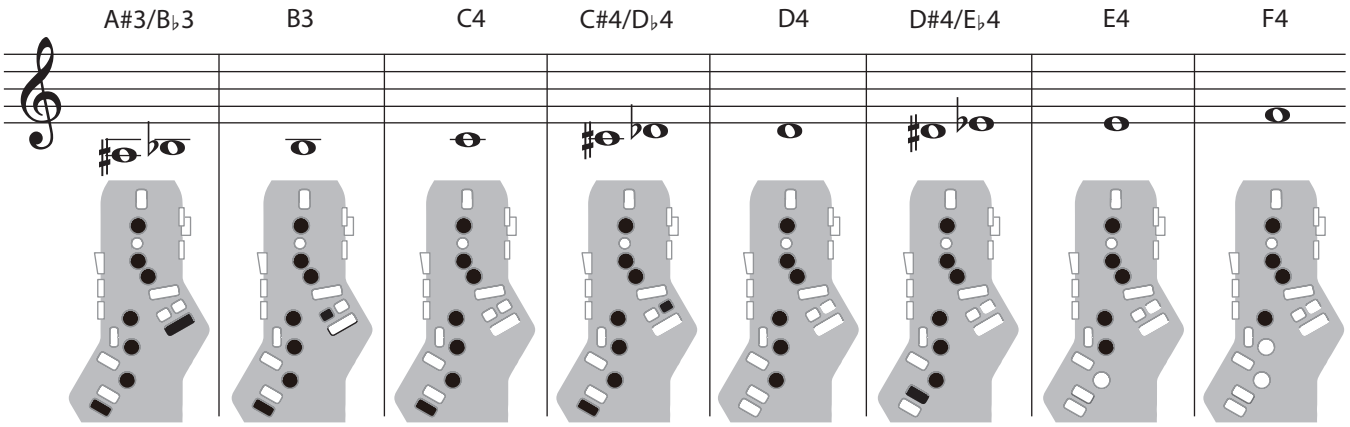
- The following actions may subject you to penalty of law.
  - Disassembling or modifying this device.
  - Removing the certification label affixed to the back of this device.
- Keep this product at least 22 cm away from a location where a cardiac pacemaker is installed. There is a risk that it could affect the operation of a pacemaker.

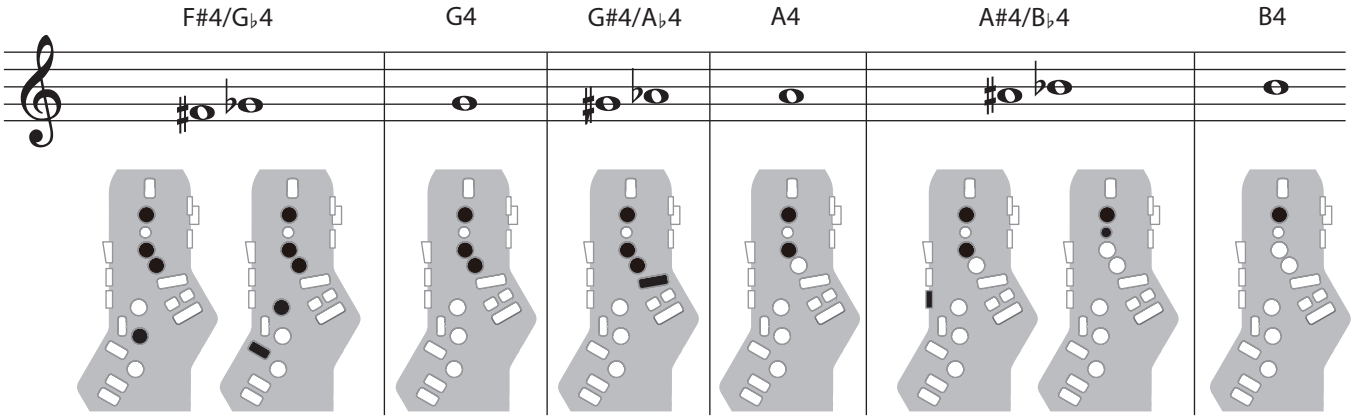
Intellectual Property Right

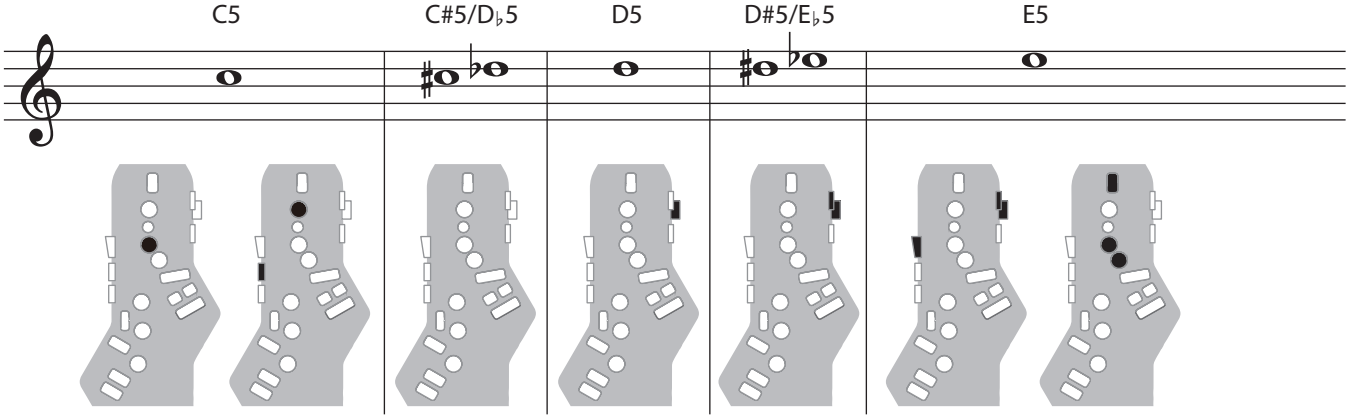
- Roland is either registered a trademark or a trademark of Roland Corporation in the United States and/or other countries.
- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.
- The **Bluetooth®** word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Roland is under license.
- The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.
- Purchasers of this product are permitted to utilize said content (except song data such as Demo Songs) for the creating, performing, recording and distributing original musical works.
- Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.

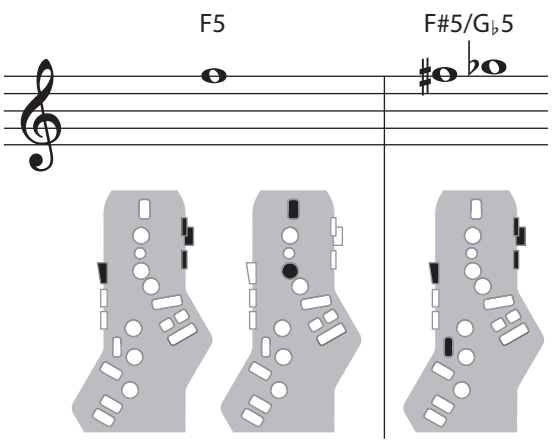
Fingering Chart / 運指表

SAX fingering／サックス運指

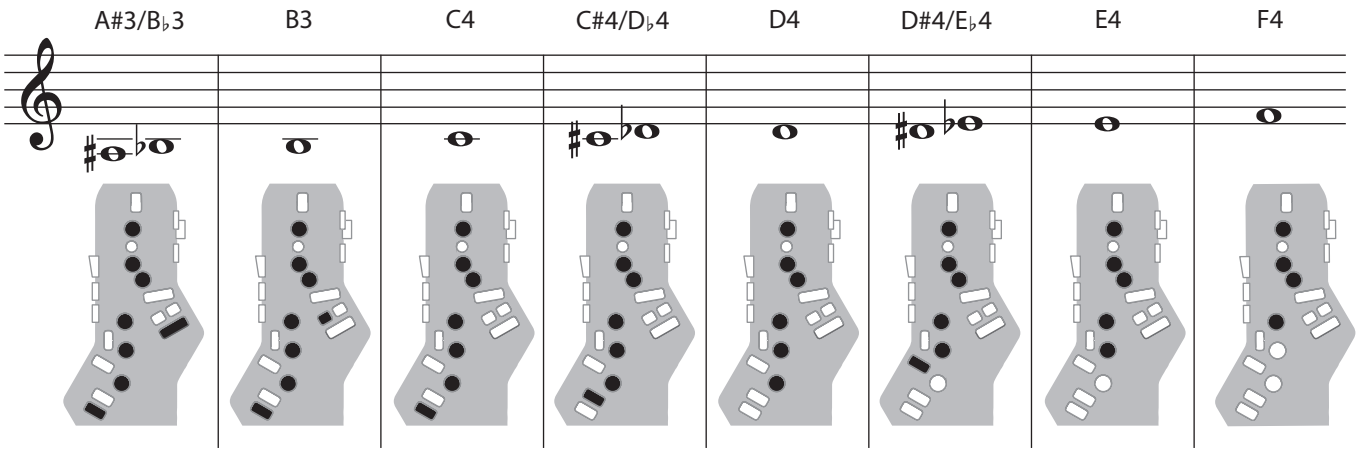


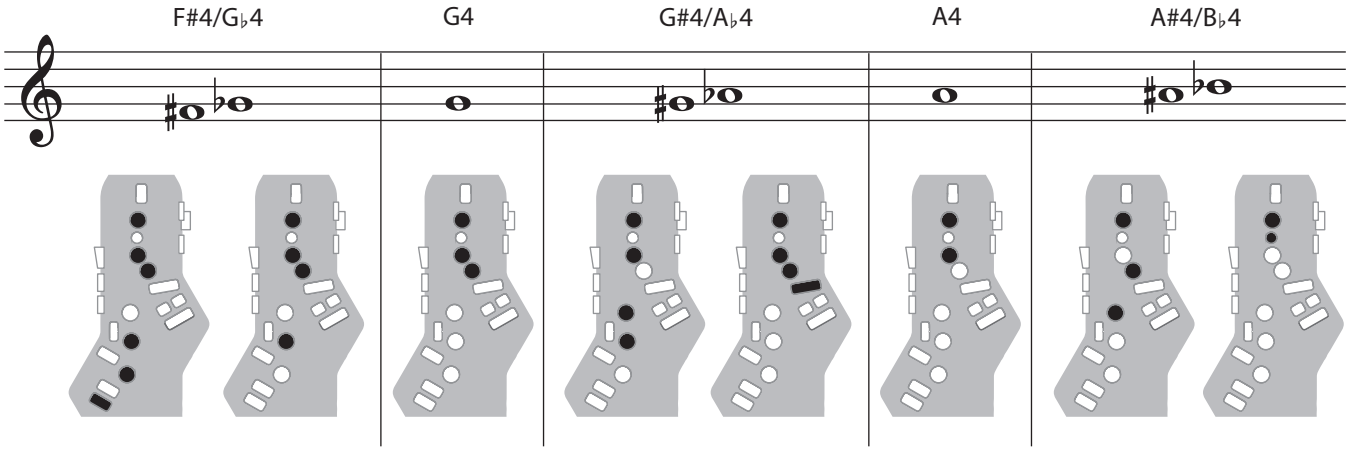


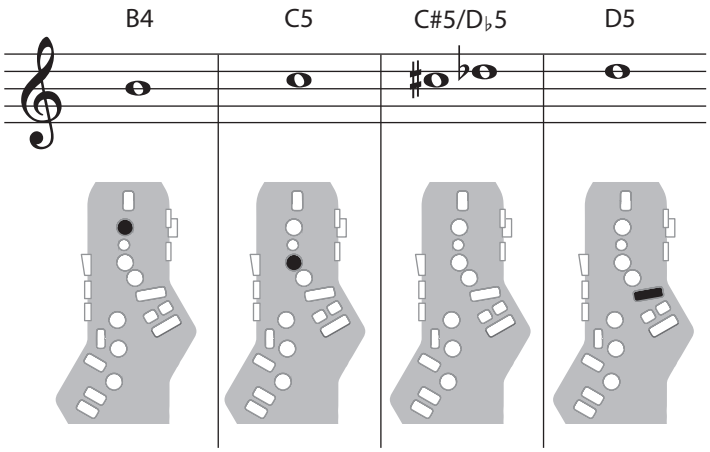




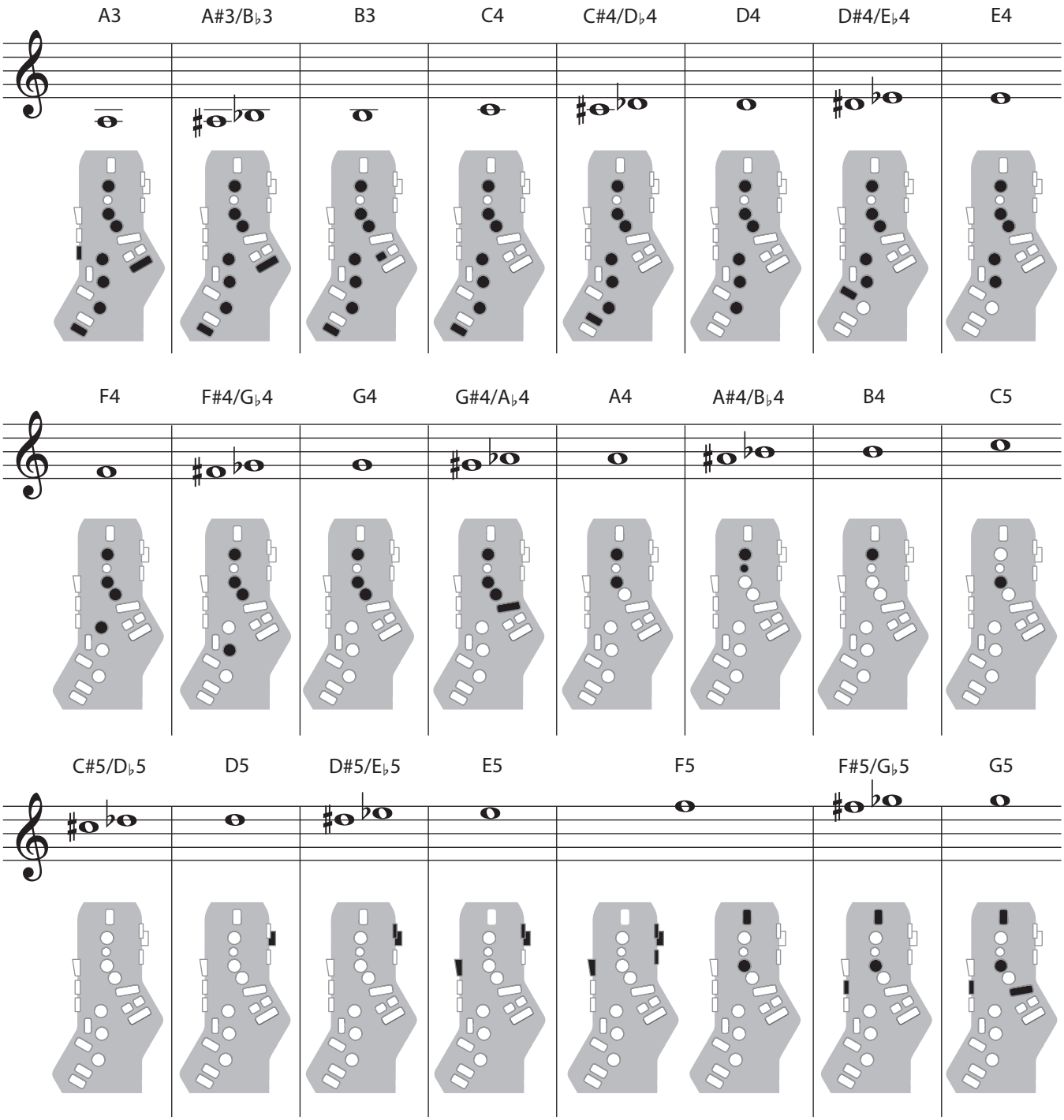
Recorder fingering / リコーダー運指







Electronic wind instrument fingering / 電子吹奏樂器運指



“PERCUSSION” Assignment / 「PERCUSSION」アサイン

When the [TONE] knob is set to select “11” PERCUSSION, you can use the fingering shown in the following table to play the corresponding sounds.
［TONE］つまみで「11」PERCUSSIONを選んだときは、下表の運指で対応する音色を鳴らすことができます。

Fingering / 運指	Tone name / 音色名	
C3	Kick Drum	キック・ドラム
C♯3	–	–
D3	Low Tom	タム
E♭3	–	–
E3	High Tom	タム
F3	Open Hi-hat	ハイハット・シンバル
F♯3	–	–
G3	Closed Hi-hat	ハイハット・シンバル
A♭3	Triangle	トライアングル
A3	Ride Cymbal	ライド・シンバル
B♭3	Tambourine	タンバリン
B3	Snare Drum	スネア・ドラム
C4	Timpani C	ティンパニ
C♯4	Timpani C♯	
D4	Timpani D	
E♭4	Timpani D♯	
E4	Timpani E	
F4	Timpani F	
F♯4	Timpani F♯	
G4	Timpani G	
A♭4	Timpani A♭	
A4	Timpani A	
B♭4	Timpani B♭	
B4	Timpani B	
C5	Timpani c	
C♯5	Timpani c♯	
D5	Timpani d	
E♭5	Timpani e♭	
E5	Timpani e	
F5	Timpani f	
F♯5	Low Bongo	ボンゴ
G5	High Bongo	
A♭5	Castanets	カスタネット
A5	Cowbell	カウベル
B♭5	Cabasa	カバサ
B5	Maracas	マラカス
C6	Wood Block	ウッド・ブロック