Aerophone Brisa

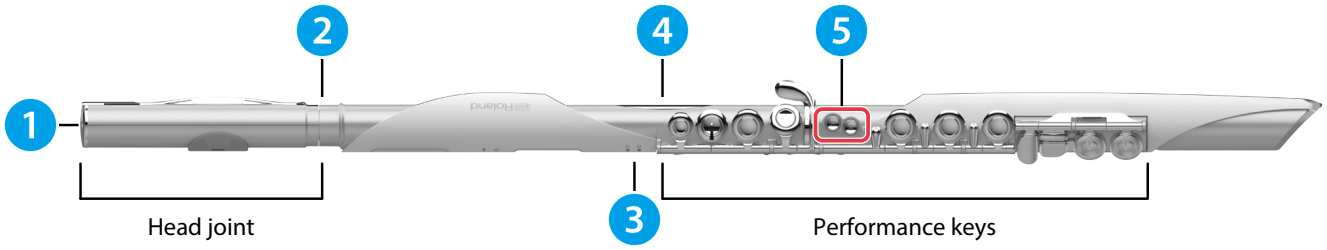
Reference Manual

Before using this instrument, carefully read “USING THE UNIT SAFELY” and “IMPORTANT NOTES” (the leaflet “USING THE UNIT SAFELY”) and the Quick Start guide. After reading, keep the document(s) where it will be available for immediate reference.

Contents

Panel descriptions

Top



1 Built-in speaker

This lets you listen to what you play on the instrument.

2 Head joint angle adjuster

This lets you adjust the angle of the mouthpiece to make the instrument easier to play.

➡ "Adjusting the angle of the head joint (p. 9)"

Moisture band

The moisture band prevents any saliva that runs down the sides of the instrument from getting inside through the area around the buttons and performance keys.

➡ "Attach the moisture band (p. 6)"

3 S1/S2 indicators

These indicate the state of the [S1] and [S2] buttons and the thumb button.

- **Red:** the [S1]/[S2] buttons are ON
- **Green:** the thumb button is ON
- **Orange:** the [S1]/[S2] buttons and thumb button are ON

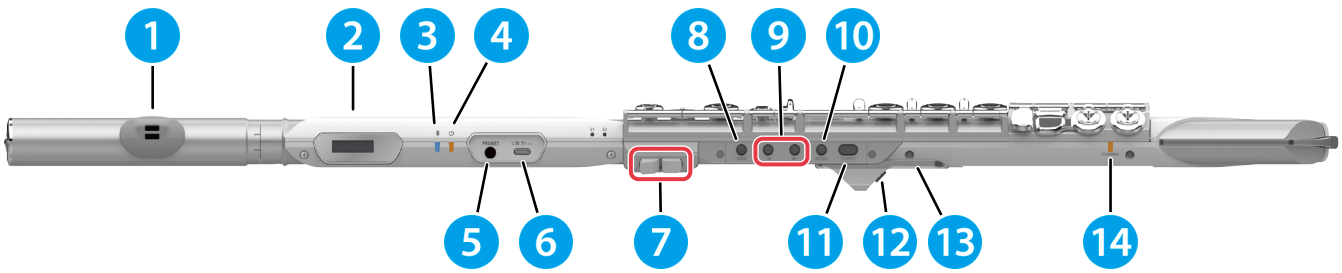
4 Finger rest

Place the joint of your left index finger here.

5 [S1]/[S2] buttons

Various functions or parameters can be assigned to these buttons.

Rear



1 Mouthpiece

Blow air into this hole.

2 Display

Shows the tones and the various settings.

3 ᛒ (Bluetooth) indicator

This shows whether Bluetooth® is turned on or off.

- **Lit:** Bluetooth ON
- **Blinking:** Waiting for Bluetooth pairing
- **Unlit:** Bluetooth OFF

4 ⏻ (power) indicator

Indicates power on/off status and the remaining battery power.

- **Lit:** Power on
- **Blinking:** Low battery level
- **Unlit:** Power off

5 PHONES jack

Connect this jack to your headphones or an external speaker.

6 USB 5V port

Connect a commercially available USB AC adaptor here to charge this instrument. You can also connect this port to your computer via the included USB cable to transmit and receive MIDI and audio data.

* A commercially available USB AC adaptor (5 V/1.5 A or greater) is required to power this unit via the USB 5V port. Some USB AC adaptors may not work with this instrument, depending on the manufacturer and type.

7 Octave keys

These switch between octaves. However, when you use Flute fingering, these keys act as performance keys, and when you use the Right fingering, the keys are disabled.

8 [TONE] button

Selects the tones.

9 [◄] [►] buttons

Selects the tones and changes the setting values.

10 [MENU] button

Use this to make various settings.

11 [POWER] button

Turns the power on/off.

12 Thumb button

Various functions or parameters can be assigned to this button.

13 Thumb rest

Place your right thumb here.

14 Charging indicator

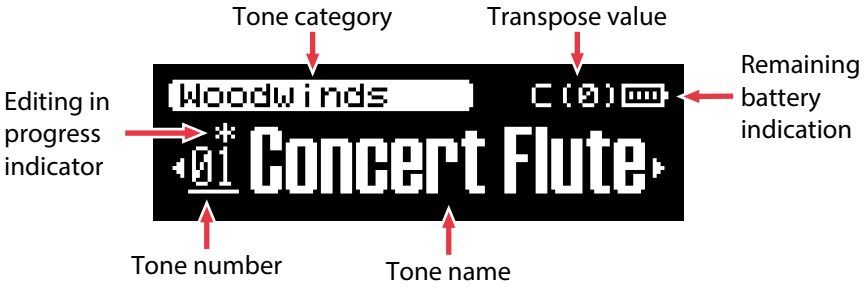
Shows the status of the internal rechargeable battery.

- **Orange:** Charging
- **Green:** Charged
- **Red:** Charging error

Screen (display)

When you turn the instrument on, the tone screen appears.

The tone screen displays information about the selected tone, as well as the current transpose value and battery level.

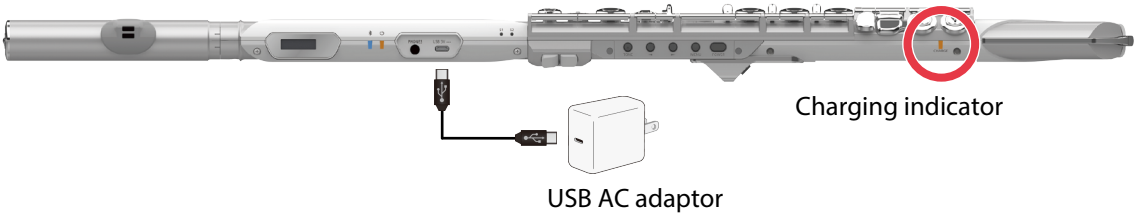


Before you play

Charging the instrument

Connect a commercially available USB AC adaptor here to charge this instrument.

* A commercially available USB AC adaptor (5 V⎓ / 1.5 A or greater) is required to power this unit via the USB 5V port. Some USB AC adaptors may not work with this instrument, depending on the manufacturer and type.



The charge indicator shows the charging status.

Orange: Charging

Green: Charged

Red: Charging error

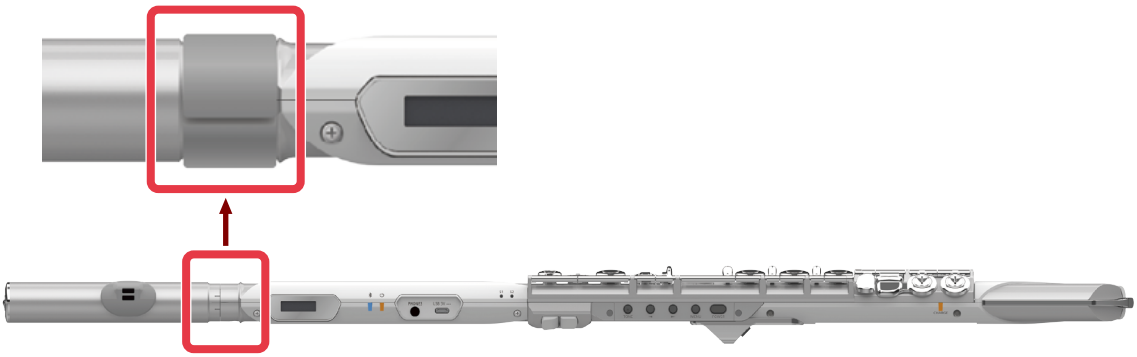
NOTE

- Temperature range
  When in use: 5–40°C
  When charging: 5–35°C
  When stored: 0–40°C
- We recommend that you charge the battery at least once every two months.
- If you leave the instrument on after use and allow the battery to keep discharging, the battery may discharge excessively. When this happens, you may not be able to recharge the battery, or the battery life may be shortened. Turn off the instrument when not in use.
- If the battery power is nearly depleted, sounds may distort easily or cut off when played at high volume, but this is not a malfunction. Charge the battery as soon as possible.
- Using the batteries improperly may cause them to explode or leak fluid. Make sure that you carefully observe all of the items related to batteries that are listed in “USING THE UNIT SAFELY” and “IMPORTANT NOTES” for proper use.

Attach the moisture band

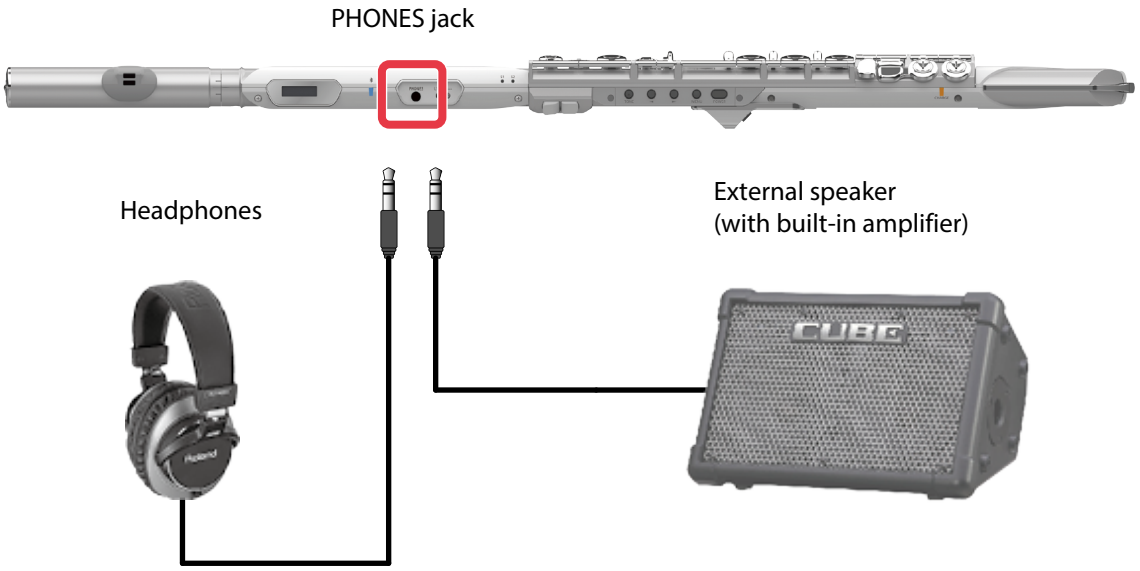
When playing this instrument, your saliva might drip out of the holes in the mouthpiece and seep into the gaps of this instrument such as the performance keys, switches and so on.
As this may cause a malfunction, attach the included moisture band so that saliva does not drip down.

Be sure to thoroughly wipe off any saliva that gets on the instrument.



Connecting your headphones or external speakers

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



Turning the power on/off

* You might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.

Turning the power on

* If you've connected external audio equipment to this instrument, turn the volume of that equipment all the way down before you turn on this instrument.

1. **Press the [POWER] button to turn on the power of this instrument.**

   The power indicator lights up, and the tone screen appears on the display.

2. **When external audio equipment is connected to this instrument, turn on the external equipment and adjust the volume.**

Turning the power off

1. **When external audio equipment is connected to this instrument, turn off the external equipment.**
2. **Press and hold the [POWER] button until "Shutdown" is shown on the screen.**

Making the power automatically turn off after a time (AUTO OFF)

The power to this instrument turns off automatically to save energy after a certain amount of time has passed since it was last used or since a MIDI signal was input.

NOTE

- If the power automatically turns off, any unsaved data is lost. Before turning the power off, save the data that you want to keep.
- If you don't want the unit to turn off automatically, turn this setting off. Note that when the setting is turned off, the instrument may consume more power.
- You can simply turn the power back on if it turns off automatically.
- The auto off function is disabled when the instrument is connected via USB.

Changing the AUTO OFF setting

1. **Press the [MENU] button to display the menu screen.**
2. **Use the [◄] [►] buttons to select "Auto Power Off", and press the [MENU] button.**
3. **Use the [◄] [►] buttons to set the AUTO OFF function.**

Value	Explanation
Always On	The AUTO OFF function turns off. The power does not turn off automatically.
5min	The power turns off automatically after you have not played your instrument or operated the unit for a certain amount of time (5 min. or 20 min.).
20min (default value)	

Adjusting the volume

The volume is regulated by the strength of your breath as you perform. You can also use the settings to adjust the overall volume.

Built-in speaker

1. **Press the [MENU] button.**

   The menu screen appears.

2. **Use the [◄] [►] buttons to select "Speaker Volume", and press the [MENU] button.**

3. **Use the [◄] [►] buttons to adjust the volume.**

Headphones/external speakers

1. **Press the [MENU] button.**

   The menu screen appears.

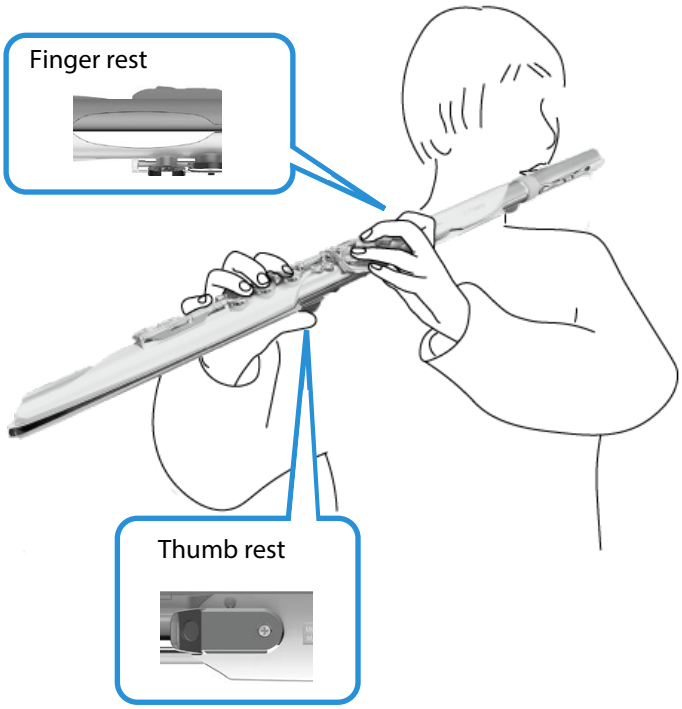
2. **Use the [◄] [►] buttons to select "Phones Volume", and press the [MENU] button.**

3. **Use the [◄] [►] buttons to adjust the volume.**

Getting ready to play

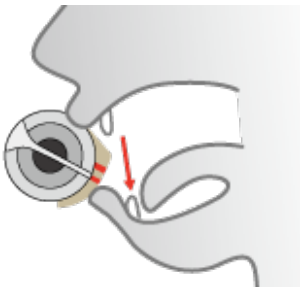
Holding the instrument

1. **Place the base of your left index finger on the finger rest.**
2. **Place the thumb of your right hand on the thumb rest.**
3. **Hold the instrument as shown in the illustration.**



Adjusting the angle of the head joint

The Aerophone Brisa is different from an acoustic flute, in that you blow into the holes to play.

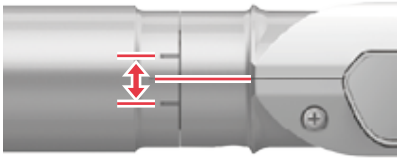


You can adjust the head joint to an angle that makes it easier to blow.

1. **Remove the moisture band.**
2. **Turn the head joint either back or toward you to adjust the angle at which it is easy to blow.**

MEMO

You can rotate the head joint within the range as shown in the illustration.

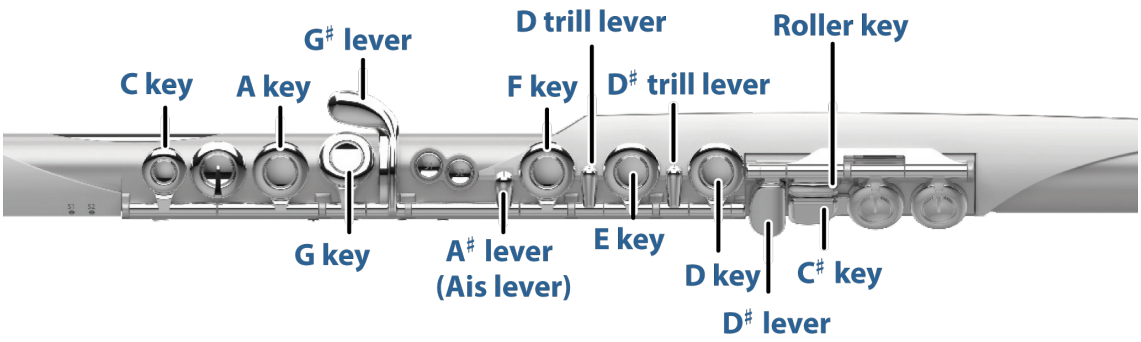


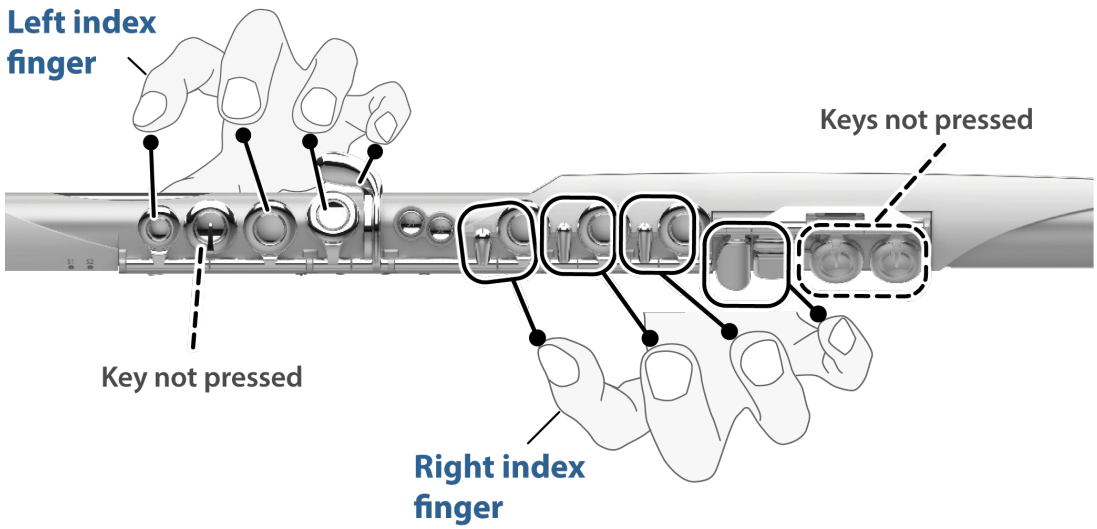
3 **Reattach the moisture band.**

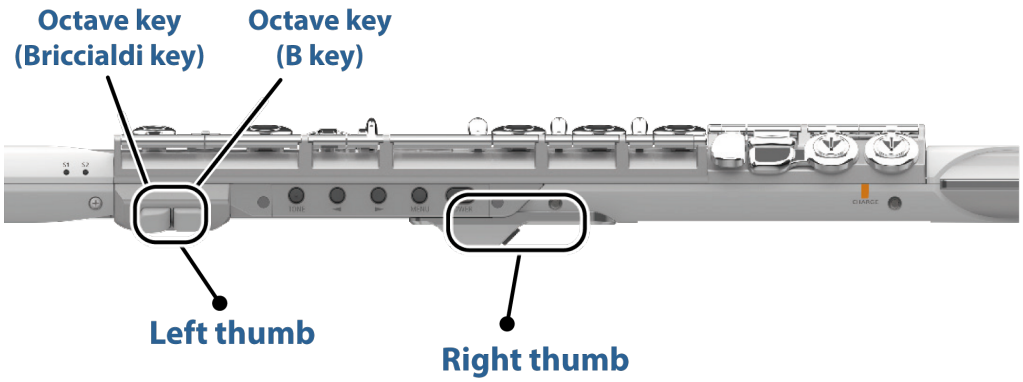
How to press the performance keys

The Aerophone Brisa features various fingering modes, such as Brisa fingering (the default setting), which is similar to a recorder, and flute fingering, which lets you play with the same fingering as a flute.

When using the Flute fingering, the octave keys act as Briccialdi and B keys. When using the Right fingering, the octave keys are disabled.





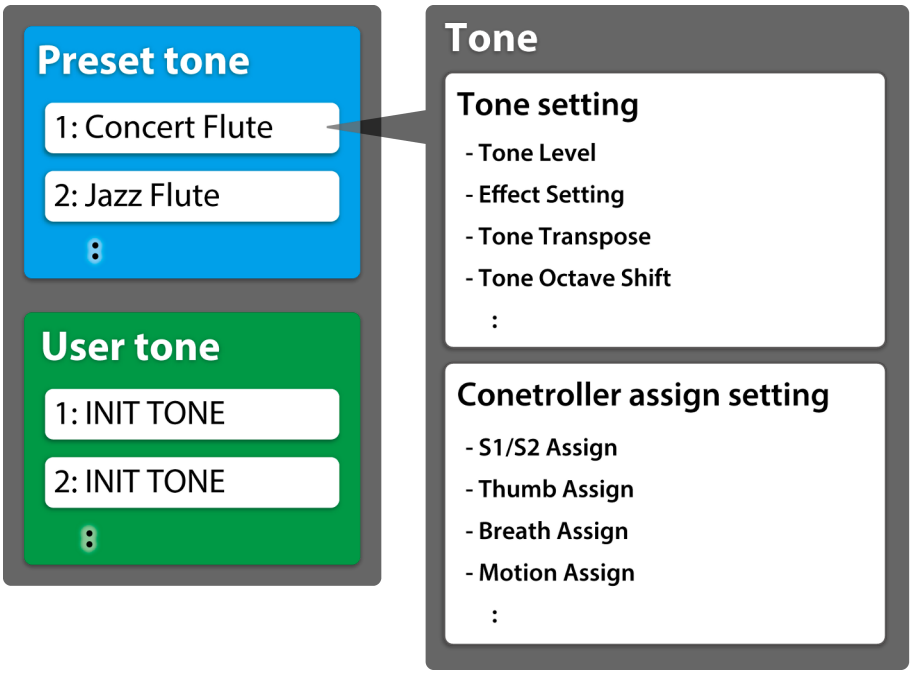


Octave key operations

□□	Neither key	Base octave
□■	Right key only	Base octave + 1
■■	Both keys	Base octave + 2

➡ "Fingering chart (p. 37)"

Tones (sounds)



There are two types of tones (sounds): preset tones and user tones.

Preset tones are the tones that are preinstalled on the Aerophone Brisa. For details, refer to "Tone List" (Roland website).

You can save the tones you've edited as one of 48 user tones (12 tones × 4 banks). All of these tones are named as "INIT TONE" when using the factory settings.

You can create a new tone using Tone Edit in the Pro Menu.

➡ "Configuring the detailed parameters (Pro Menu) (p. 21)"

Save the tones you've edited as user tones. The tone you are editing is lost if you turn off the instrument without saving.

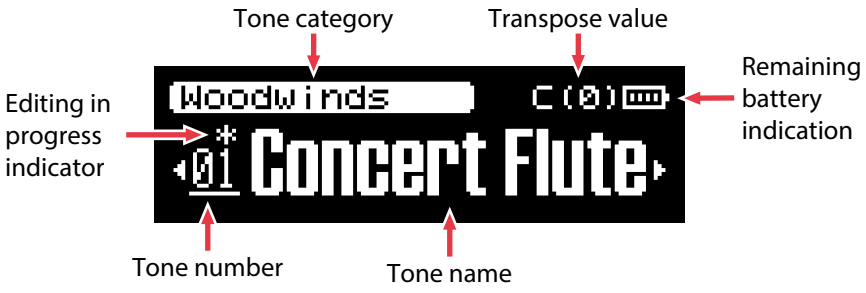
➡ "Saving a tone (p. 13)"

Selecting a tone

You can select tones for a variety of musical instruments.

1 Press the [TONE] button.

The tone screen appears.



MEMO

When you are editing a tone, an asterisk (*) appears above the tone number. If you switch to a different tone at this time, the contents of the edited tone are lost. If you want to keep the edited settings, save the tone.

➡ "Saving a tone (p. 13)"

2 Use the [◄] and [►] buttons to select the tone.

For details on the tone types, refer to the "Tone List" (Roland website).

Press and hold the [◄] and [►] buttons to continuously switch between tones. The tone stops switching once you reach the beginning of the category/bank.

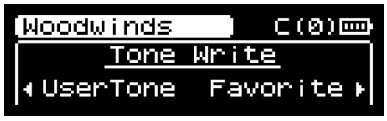
When you press the other button while you are holding down the button, the tones switch more quickly.

Saving a tone

Here's how to save the tones you've edited as user tones.

1 On the tone screen, long-press the [MENU] button.

The following screen appears.



2 Hold down the [MENU] button and press the [◄] button.

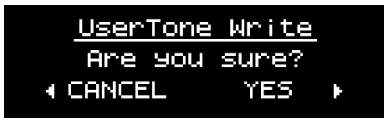
The following screen appears.

3 Use the [◄] [►] buttons to select the save destination user bank, and press the [MENU] button.

To cancel the save operation, press the [TONE] button.

4 Use the [◄] [►] buttons to select the save destination user tone number, and press the [MENU] button.

A confirmation message appears.



To cancel, press the [◄] button.

5 Press the [►] button.

This saves the tone.

Switching between effects

You can apply a variety of effects, such as the reverberation of a hall.

1 Press the [MENU] button.

The menu screen appears.

2 Use the [◄] [►] buttons to select "Effect Type".

3 **Press the [MENU] button.**

4 **Use the [◄] [►] buttons to switch between effects.**

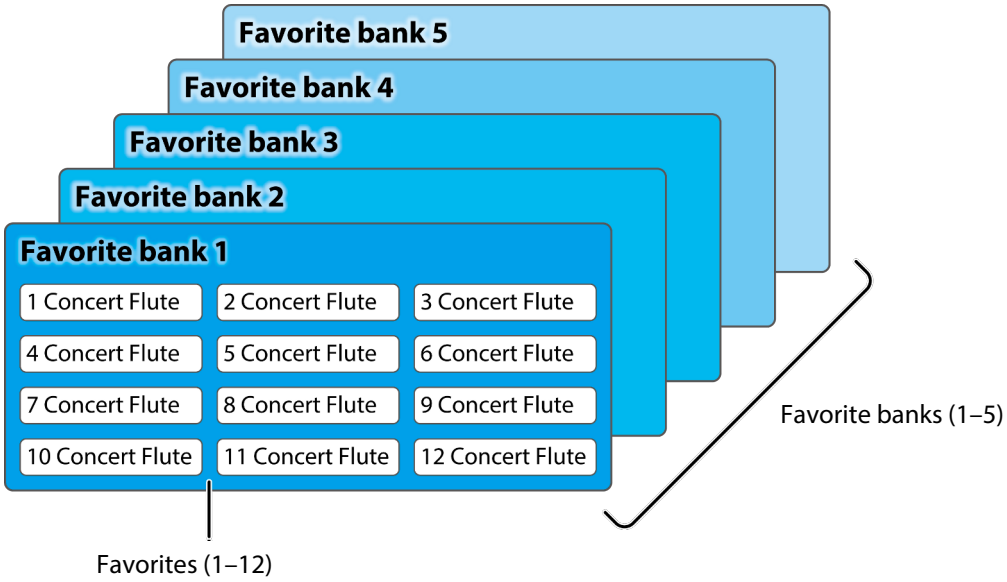
➡ "Effect list (p. 48)"

Registering and recalling frequently used tones to the performance keys (FAVORITE)

The "favorite" function lets you register frequently used tones (preset tones and user tones) and recall them with the performance keys. By registering the tones in order in which you play them, you can quickly recall them when you perform.

MEMO

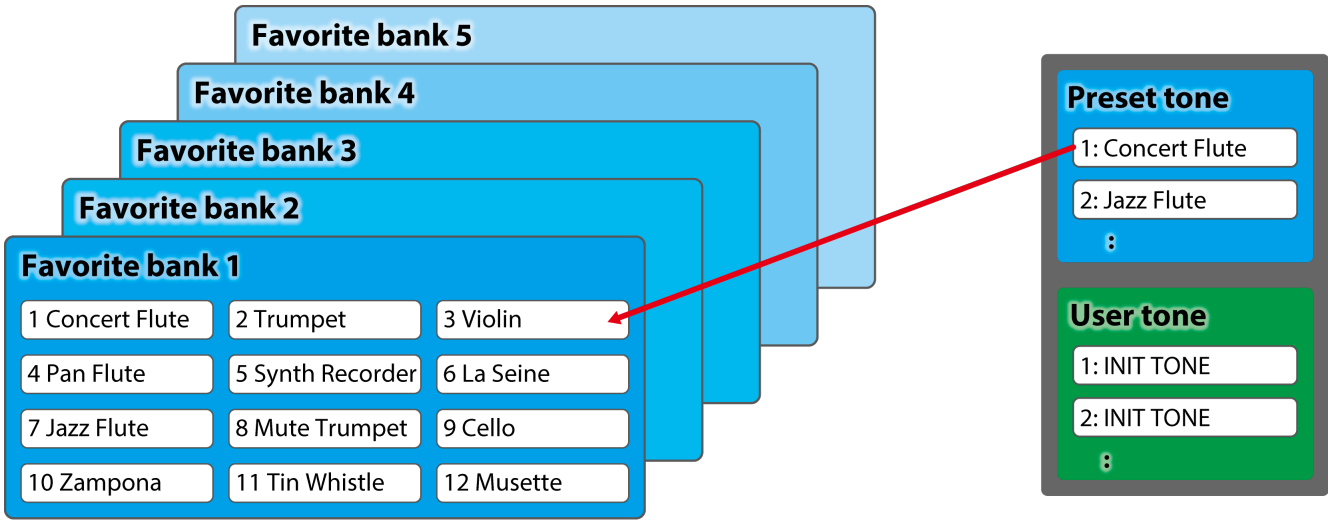
To select favorites using the performance keys, enable the Favorite Shortcut feature.
➡ "Favorite Shortcut (p. 22)"



You can register 12 tones (favorites 1–12) in each of the five favorite banks.

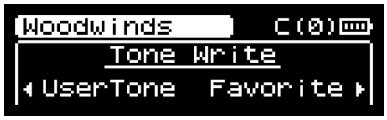
Registering a favorite

Register the tone you like (preset tone/user tone) as a favorite.



1 On the tone screen, press the [MENU] button.

The following screen appears.



2 Hold down the [MENU] button and press the [►] button.

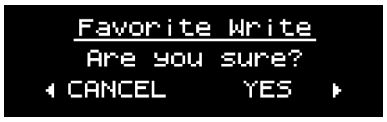
The following screen appears.

3 Use the [◄] [►] buttons to select the favorite bank where you wish to register the tone, and press the [MENU] button.

To cancel the registration, press the [TONE] button.

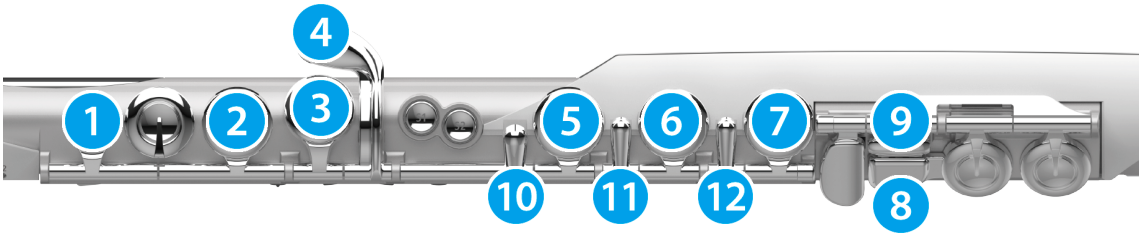
4 Use the [◄] [►] buttons to select the favorite number to which you wish to register the tone, and press the [MENU] button.

A confirmation message appears.



MEMO

You can also select the favorite number for registering by playing the performance keys.



Press the [TONE] button to return to the favorite bank selection screen.

5 Press the [►] button to register.

If you decide to cancel, press the [◄] button.

Selecting a favorite

Enabling the Favorite Shortcut feature

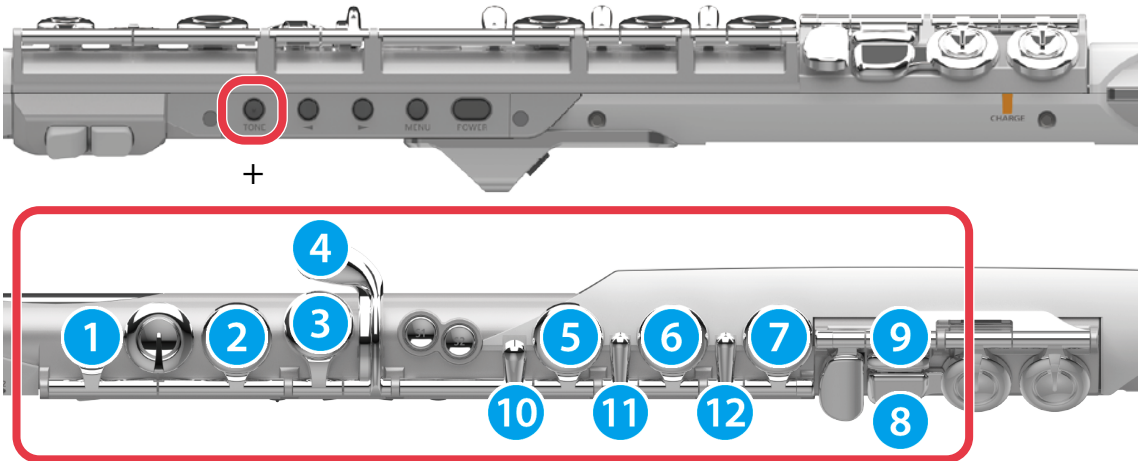
By enabling the Favorite Shortcut feature, you can use the performance keys of the Aerophone Brisa to select favorites.

To activate the Favorite Shortcut feature, set “Favorite Shortcut” in the Pro menu to “On”.

➡ “Favorite Shortcut (p. 22)”

Selecting a favorite

1. **Press a performance key while holding down the [TONE] button.**



The favorite whose number corresponds to the currently selected favorite bank is selected.

Switching the favorite banks

1. **Long-press the [TONE] button.**

The screen for switching favorite banks is shown.

2. **Press the [◄] [►] buttons while holding down the [TONE] button.**

This switches between favorite banks.

Using the instrument with your smartphone

Use the Bluetooth technology on this instrument to wirelessly connect the Aerophone Brisa to a mobile device such as a smartphone or tablet (hereafter “smartphone”) and use the dedicated app.

Pairing

To connect your smartphone wirelessly to the Aerophone Brisa via Bluetooth, you must “pair” the devices by registering the Aerophone Brisa on your smartphone, which authenticates the devices with each other.

Turning Bluetooth® on

1 Press the [MENU] button.

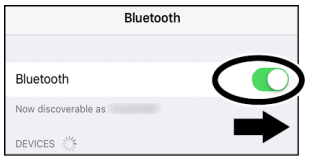
The menu screen appears.

2 Use the [◄] [►] buttons to select “Bluetooth”.

3 If “Off” is shown, press the [MENU] button and then press the [►] button to select “On”.

Pairing with the smartphone

1 In your smartphone’s settings, turn Bluetooth on.



NOTE

Even if the “Devices” area shows the name of the product that you’re using (e.g., AE-BRISA), do not tap it.

If you tapped this, delete the device registration, and perform the procedure again from step 1.

2 Launch the dedicated app you installed on your smartphone.

3 Initiate the pairing from the dedicated app.

This pairs the Aerophone Brisa and the app.

Once pairing is complete, the message “Connected to Aerophone Brisa.” is shown in the app.

Configuring the basic parameters (Easy Menu)

The Aerophone Brisa features two types of menus.
The first is a simple menu (Easy Menu), which lets you set only basic parameters, and the second is the Pro Menu, which lets you set more advanced parameters.

1 Press the [MENU] button.

The menu screen appears.

2 Press the [◄] [►] buttons to select the parameter to set.

3 Press the [MENU] button.

The position of the cursor changes to the lower row.

4 Use the [◄] [►] buttons to edit the value.

The value that you specify is saved automatically.

MEMO

Press the [TONE] or [MENU] button to return the cursor to the top row. When you press the [TONE] button while the cursor is on the top row, the display returns to the tone screen.

Parameter	Value	Explanation
Speaker Volume	0–20	Sets the volume of the built-in speaker.
Phones Volume	0–20	Sets the volume of sound that's output to a pair of headphones or external speaker connected to the PHONES jack.
Transpose	<Tone>, G(-5), G#(-4), A(-3), Bb(-2), B(-1), C(0), C#(+1), D(+2), Eb(+3), E(+4), F(+5), F#(+6)	Sets the transposition (amount of pitch shift). **Tone:** Uses the transpose value of the selected tone. To change the transposition of the tone, set Tone Transpose in Tone Edit.
Effect Type	Off, <Tone>, ReverbHall1–Chorus	Sets the type of effect. **Tone:** Uses the effect type of the tone that's selected. The name of the effect type for the tone is listed after <Tone>. To change the effect type of the tone, set the Effect Type in Tone Edit. **ReverbHall1–Chorus:** For the values, refer to "Effect list (p. 48)".
Effect Level	0–127	Sets how much the effect is applied. When the effect type is "Tone", this changes how much of the tone's effect is applied. If you've changed the effect level value of the tone, save it to a user tone.
Breath Curve	1–10	Specifies how the sound responds to the force of your breath (breath sensitivity). Smaller values produce louder sounds the softer you blow.

Parameter	Value	Explanation
Fingering Mode	Brisa, Flute, Trumpet, Left, Right	Sets the fingering mode. **Brisa:** This is the original fingering for the Aerophone Brisa. This fingering is easy to use for saxophone and recorder players. **Flute:** This fingering can be played in the same way as a flute. The octave switches according to the hole you blow into. **Trumpet:** This fingering lets you play the instrument like a trumpet. This fingering is easy to use for trumpet players. **Left:** A fingering that lets you play using just your left hand. **Right:** A fingering that lets you play using just your right hand. The octave keys are disabled.
Master Tune	415.3–440.0–466.2 (Hz)	Specifies the reference pitch.
Hold Mode	Off, On	Turns the hold mode on/off. When hold mode is on, you can play a sound by simply pressing the keys, without using your breath.
Auto Power Off	Always On, 5min, 20min	Sets the time before the instrument automatically turns off. The power to this instrument turns off automatically after a certain amount of time has passed since it was last played or since a MIDI signal was input (this is the auto off function). If you don't want the unit to turn off automatically, change this setting to "Always On". * The auto off function is disabled when the instrument is connected via USB. **Always On:** Power always on **5min:** 5 minutes **20min:** 20 minutes
Bluetooth	Off, On	Turns Bluetooth on/off.
Init Settings	–	Resets the parameter settings.
Pro Menu	–	Displays the Pro menu, where you can make more detailed settings. ➡ "Configuring the detailed parameters (Pro Menu) (p. 21)"
Version	–	Shows the version information for the system program.

Configuring the detailed parameters (Pro Menu)

When Pro Menu is selected in the Easy Menu, the following parameters are displayed.

MEMO

- Pressing the [MENU] button moves the cursor to the bottom row.
- Pressing the [TONE] button moves the cursor to the top row. When you press the [TONE] button while the cursor is on the topmost row, the display returns to the tone screen.
- To enter the Easy Menu, return to the tone screen and press the [MENU] button.

System settings

General Settings

Parameter	Value	Explanation
Speaker Volume	0–20	Sets the volume of the built-in speaker.
Phones Volume	0–20	Sets the volume of sound that's output to a pair of headphones or external speaker connected to the PHONES jack.
Speaker Out	Off, On, Auto Mute	Sets the speaker's output. **Off:** Sound is not output from the built-in speaker. **On:** Sound is always output from the built-in speaker. **Auto Mute:** When headphones are connected to the PHONES jack, sound is not heard from the built-in speaker.
Phones Mono/Stereo	Stereo, Mono	Sets whether the audio signal output from the PHONES jack is output in stereo or in mono.
Auto Display Off	Always On, 3sec, 10sec, 30sec, 1min, 2min, 3min	This sets the time it takes for the display to turn off when the instrument is not being used. **Always On:** Always lit **3sec:** 3 seconds **10sec:** 10 seconds **30sec:** 30 seconds **1min:** 1 minute **2min:** 2 minutes **3min:** 3 minutes While the display is dark, press the [TONE], [◄], [►], [MENU] or [POWER] button, or switch to a different tone to make the display light up again.
Auto Power Off	Always On, 5min, 20min	Sets the time before the instrument automatically turns off. The power to this instrument turns off automatically after a certain amount of time has passed since it was last played or since a MIDI signal was input (this is the auto off function). If you don't want the unit to turn off automatically, change this setting to "Always On". * The auto off function is disabled when the instrument is connected via USB.
Bluetooth	Off, On	Turns Bluetooth on/off.
Bluetooth ID	Off, 1–9	When you specify an ID, the specified number is appended to the device name that is shown on your smartphone and in the app. If you are pairing with your smartphone in a location where there is more than one Aerophone Brisa, you can assign an ID (identification number) to tell them apart. (Example: "AE-BRISA 1", etc.) * To enable the specified ID, turn the Aerophone Brisa off and then on again.
Display Contrast	1–5	Sets the screen brightness. Higher values make the screen brighter.

Parameter	Value	Explanation
Heater Switch	Off, Auto	This setting is for the heater in the head joint. The "Auto" setting keeps the head joint heater at a constant temperature to reduce condensation and the like. The "Auto" setting activates the heater when the battery is at least 50% full, or when the instrument is connected to a USB power source capable of supplying at least 1500 mA.
Favorite Shortcut	Off, On	Enables the feature (shortcut) for recalling favorite tones. How to recall favorite tones: ➡ "Registering and recalling frequently used tones to the performance keys (FAVORITE) (p. 15)"
Menu Startup Mode	Easy Menu, Pro Menu	Sets the menu that appears when the [MENU] button is pressed on the tone screen. **Easy Menu:** This is a menu where you can configure only basic parameters. **Pro Menu:** This is a menu where you can configure the detailed parameters. The Pro Menu also includes the parameters of the Easy Menu.

Sound Settings

Parameter	Value	Explanation
Effect Type	Off, <Tone>, ReverbHall1–Chorus	Sets the type of effect. **Tone:** Uses the effect type of the tone that's selected. The name of the effect type for the tone is listed after <Tone>. To change the effect type of the tone, set the Effect Type in Tone Edit. **ReverbHall1–Chorus:** For the values, refer to "Effect list (p. 48)".
Effect Level	0–127	Sets how much the effect is applied. When the effect type is "Tone", this changes how much of the tone's effect is applied. If you've changed how the effect sounds for the tone, save it to a user tone.
Transpose	<Tone>, G(-5), G#(-4), A(-3), Bb(-2), B(-1), C(0), C#(+1), D(+2), Eb(+3), E(+4), F(+5), F#(+6)	Sets the transposition (amount of pitch shift). **Tone:** Uses the transpose value of the selected tone.
Master Tune	415.3–440.0–466.2 (Hz)	Specifies the reference pitch. The displayed value is the frequency of the A4 key (in Hz).

Control Settings

Parameter	Value	Explanation
Hold Mode	Off, On	Turns the hold mode on/off. When hold mode is on, you can play a sound without using your breath by simply pressing the keys. When in hold mode, the sound plays at the volume you last used when blowing.
Fingering Mode	Brisa, Flute, Trumpet, Left, Right	Sets the fingering mode. **Brisa:** This is the original fingering for the Aerophone Brisa. This fingering is easy to use for saxophone and recorder players. **Flute:** This fingering can be played in the same way as a flute. The octave switches according to the hole you blow into. **Trumpet:** This fingering lets you play the instrument like a trumpet. This fingering is easy to use for trumpet players. **Left:** A fingering that lets you play using just your left hand. **Right:** A fingering that lets you play using just your right hand. The octave keys are disabled.

Parameter	Value	Explanation
Octave Mode	Oct-A, Oct-B	Changes the octave key operation mode. * This works when the Fingering Mode is Brisa, Trumpet, or Left. **Oct-A:** □□: Base octave □■: Base octave + 1 ■■: Base octave + 2 (works the same as pressing the B key, without actually pressing the B key) ■□: Base octave + 2 (works the same as not pressing the B key, even if the B key is pressed) **Oct-B:** □□: Base octave - 1 □■: Base octave ■■: Base octave + 1 ■□: Base octave + 2
Key Delay	0–10	Sets the response speed when operating the performance keys. Smaller values make the instrument respond to meticulously played repeating notes (rolls) on the performance keys, but you may hear more unintended passing tones.
Bend Range	Follow Tone, 0–24	Sets the pitch bend range. When set to "Follow Tone", the pitch bend range value set for the tone is used.
Breath Offset	1–50	Adjusts the breathing strength at which notes begin to play. The higher the value, the harder you need to blow to make the sound start to play.
Breath Curve	1–10	Sets the degree to which the sound changes with the intensity of your breath (breath sensitivity). Smaller values produce louder sounds the softer you blow. Increasing the value makes it harder to produce sound unless you blow harder.
Flute Harmonics		
Harmonics Polarity	Natural, Reverse	* This setting takes effect when Fingering Mode is set to "Flute". Switches between operations that control the octave according to how you blow into the two holes of the mouthpiece. **Natural:** • **Breathe into the upper hole:** Base octave + 1 • **Breathe into upper and lower holes:** Base octave **Reverse:** • **Breathe into the upper hole:** Base octave • **Breathe into upper and lower holes:** Base octave + 1
Harmonics Center	Lower 5, Lower 4, Lower 3, Lower 2, Lower 1, Mid, Upper 1, Upper 2, Upper 3, Upper 4, Upper 5	* This setting takes effect when Fingering Mode is set to "Flute". Sets the sensitivity for controlling the octave according to how you blow into the two holes of the mouthpiece. If you are not able to produce mid/high frequencies even when you blow into the upper hole, set this to the Lower side. If you are not able to produce mid/high frequencies even when you blow into both holes, set this to the Upper side.

Parameter	Value	Explanation
Harmonics Delay	0–20	* This setting takes effect when Fingering Mode is set to "Flute". Sets the time between when you breathe in and when the octave switches. If the octave does not switch immediately when you change the way you blow into the two holes of the mouthpiece, decrease the value. If the octave switches unintentionally even when you don't change how you blow, increase the value.
Motion		
Detects the motion of this instrument to offer a wide range of performance control. There are two different motion operations, tilt and roll. **Tilt:** Move the end of the instrument (foot joint) up or down to control the performance. **Roll:** Rotate the instrument forwards and backwards (towards and away from you) to control the performance, with the center of the instrument as the axis.		
Tilt Mode	Normal, Vibrato	Sets the motion tilt operation mode. **Normal:** Controls the amount of vibrato and so forth according to the up/down angle. You can set what is controlled by configuring the assignment settings. ➡ "Assignment settings (p. 26)" **Vibrato:** Lets you play with vibrato by cyclically moving the instrument up and down.
Tilt Center	-90–0–+90	Sets the starting position (angle) at which the motion tilt begins to operate. **-90:** The base position is where the end of the instrument is lowered below the mouthpiece. **0:** The base position is where the end of the instrument is horizontally level with the mouthpiece. **+90:** The base position is where the end of the instrument is raised above the mouthpiece.
Tilt Vib Sense	0–9	Sets the sensitivity of change when Tilt Mode is set to "Vibrato". Larger values raise the sensitivity.
Roll Mode	Normal, Vibrato	Sets the motion roll operation mode. **Normal:** Controls the pitch according to the front/rear (towards/away) angle. You can set what is controlled by configuring the assignment settings. ➡ "Assignment settings (p. 26)" **Vibrato:** Lets you add vibrato to your performance by rocking the instrument back and forth, towards and away from you.
Roll Center	-90–0–+90	Sets the starting position (angle) at which the motion roll begins to operate. **-90:** The basic position is when your face is facing down 90° from a straight-ahead position. **0:** The basic position is when your face is facing straight ahead. **+90:** The basic position is when your face is facing up 90° from a straight-ahead position.
Roll Vib Sense	0–9	Sets the sensitivity of change when Roll Mode is set to "Vibrato". Larger settings raise the sensitivity.

Control Source

Select whether you want to use the system-wide or individual tone assignment settings for the [S1] and [S2] buttons, the thumb button, breath, and motion (tilt/roll) controllers.

Off: Disables the performance control.

System: Applies system-wide assignment settings.

Tone: Applies individual tone assignment settings.

Parameter	Value	Explanation
S1 Assign	Off, System, Tone	Selects whether the function assignment for the [S1] button should be system-wide or for each individual tone.

Parameter	Value	Explanation
S2 Assign	Off, System, Tone	Selects whether the function assignment for the [S2] button should be system-wide or for each individual tone.
Thumb Assign	Off, System, Tone	Selects whether the function assignment for the thumb button should be system-wide or for each individual tone.
Breath Assign	Off, System, Tone	Selects whether the function assignment for the breath should be system-wide or for each individual tone.
Motion Tilt Assign	Off, System, Tone	Selects whether the function assignment for the motion control should be system-wide or for each individual tone.
Motion Roll Assign	Off, System, Tone	Selects whether the function assignment for the motion roll should be system-wide or for each individual tone.

System Assign

➡ "System assignments/tone assignments (p. 26)"

MIDI Settings

Parameter	Value	Explanation
MIDI Tx Channel MIDI transmit channel	1–16	Sets which MIDI channel is used for outputting performance data.
MIDI Tx Velocity MIDI transmit velocity	Tongued, Fixed 1–Fixed 127	Sets the note-on velocity value. **Tongued:** The velocity value changes according to the strength of your breath (tonguing). **Fixed:** Set to a constant value (1–127).
MIDI Assign	➡ "MIDI assignment (p. 29)"	

Initialize

Parameter	Explanation
Bluetooth	Initializes the Bluetooth connection status. If your smartphone is connected to this instrument, delete the connection history on your smartphone.
Settings	Initializes the system settings. * System assignment settings and MIDI assignment settings are not initialized.
System Assign	Initializes the system assignment settings.
MIDI Assign	Initializes the MIDI assignment settings.
All Favorite	Initializes all favorite registrations.
All UserTone	Initializes all user tones.
Factory Reset	Restores the instrument to its factory defaults.

Information

Parameter	Explanation
Version	Shows the Aerophone Brisa's system program version.
Detail	Shows detailed information. **BatteryRemain:** Shows the percentage of battery charge remaining. **PowerSource:** Shows the power supply status. **Heater:** Shows whether the heater is operating. The FCC ID, IC, and certification of compliance (compliance mark) are shown.

Tone settings

Tone Edit

Edits made in Tone Edit are lost when you switch to a different tone or turn off the power.

If you want to save the changes, save the tone as a user tone.
➡ "Saving a tone (p. 13)"

Parameter	Value	Explanation
Tone Level	0–127	The volume of each tone. Set this when you want to balance the volume for each tone.
Effect Type	Off, ReverbHall1–Chorus	The effect type for each tone. This is enabled when the Effect Type in Sound Settings is set to "<Tone>". ➡ "Effect list (p. 48)"
Effect Level	0–127	The effect level for each tone. This is enabled when the Effect Type in Sound Settings is set to "<Tone>".
Tone Transpose	G (-5), G# (-4), A (-3), Bb (-2), B (-1), C (0), C# (+1), D (+2), Eb (+3), E (+4), F (+5), F# (+6)	The transposition setting for each tone. This is enabled when Transpose in Sound Settings is set to "<Tone>".
Tone Octave Shift	-3–0–+3	The octave shift value for each tone.
Harmony/Drone	Harmony, Drone	For each tone, set which function is enabled. **Harmony:** When Harmony/Drone Sw is turned on using the assignment settings, a harmony sound is added. The harmony that's added is set using Intelligent Harmony. **Drone:** When Harmony/Drone Sw is turned on using the assignment settings, this lets you play a drone sound. When Harmony/Drone Sw is on, the drone sound is enabled; and if Harmony/Drone Sw is off while the sound plays, the sound keeps playing, so you can play other sounds on top of the drone sound. * The Harmony and Drone functions cannot be used at the same time.
Intelligent Harmony	Off, Oct below, 7th below, 6th below, 5th below, 4th below, 3rd below, 2nd below, 2nd above, 3rd above, 4th above, 5th above, 6th above, 7th above, oct above	Sets the harmony to be added by the Intelligent Harmony function. When you use the assignment settings to set Harmony/Drone Sw to on and then play, an addition sound plays according to the pitch interval you set.
Tone Assign	➡ "System assignments/tone assignments (p. 26)"	

Assignment settings

System assignments/tone assignments

Use these settings to assign functions to controllers, such as thumb button and motions, and set how they are controlled.

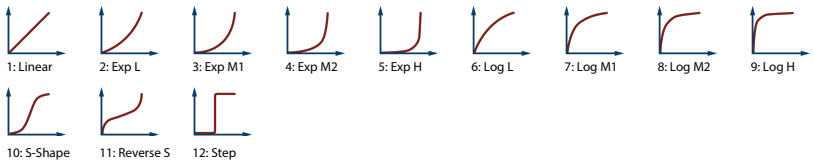
Maximum number of assignable functions per controller

Controllers	Maximum number of assignments
Breath	8
Motion Tilt/Roll	4
S1, S2, Thumb Button	2

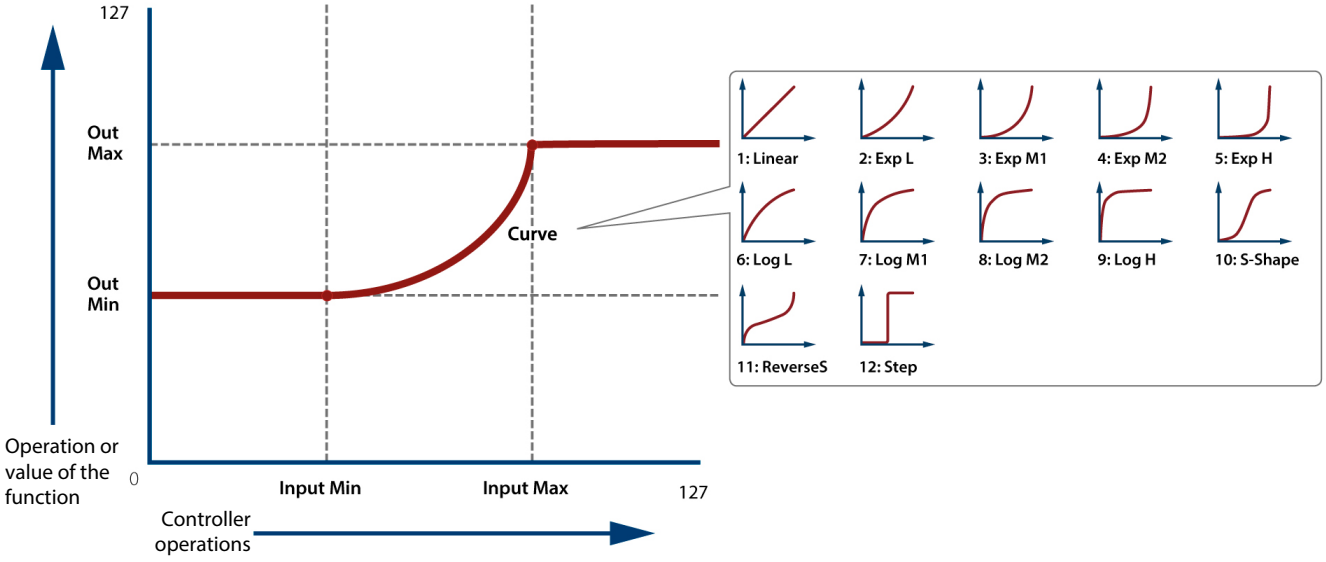
* The system assignment parameters work when the respective controller settings in Control Source are set to "System". If the Control Source setting is set to "Tone", the assignment settings for each tone are enabled.

Continuous-value controllers (Breath1–Breath8, Tilt1–Tilt4, Roll1–Roll4)

For controllers whose Function parameter is “Off”, the parameters related to the assign settings are not shown.

Display (parameter)	Value	Explanation
Function	➡ “Assignment functions (p. 28)”	Sets the function assigned to the controller for continuous operation.
Input Min	0–127	Specifies the lower (Min) and upper (Max) limit value range within which the controller can operate.
Input Max		
Output Min	0–127	Specifies the lower (Min) and upper (Max) limit values for the range within which the assigned function operates.
Output Max		
Mode	Latch, Momentary	Sets the operation mode. **Latch:** Toggles between the Output Min and Output Max values each time you operate the controller. **Momentary:** As shown in the "Function assignment (continuous values)" graph, the operation or value of the function changes according to how you operate the controller.
Curve	1: Linear 2: Exp L 3: Exp M1 4: Exp M2 5: Exp H 6: Log L 7: Log M1 8: Log M2 9: Log H 10: S-Shape 11: Reverse S 12: Step	Sets the operating curve when the operating mode is “momentary”. 

Function assignment (continuous values)



Switch-operated controllers (S1-1, S1-2, S2-1, S2-2, Thumb-1, Thumb-2)

For controllers whose Function parameter is “Off”, the parameters related to the assign settings are not shown.

Display (parameter)	Value	Explanation
Function	➡ “Assignment functions (p. 28)”	Assigns functions to each controller.

Display (parameter)	Value	Explanation
Release Val	0–127	Sets the value used when you lift your finger off the button (Release) and the value used when you press the button (Press).
Press Val		
Mode	Latch, Momentary	Sets the operation mode. **Latch:** Pressing the button toggles between the Press Val and Release Val values. **Momentary:** The value remains at the Press Val value for as long as you press the button, and the value changes to the Release Val value when you release the button.

Assignment functions

Value	Variable range	Explanation
Off	-	No assignment.
Breath	0–127	Breath
Breath Sub	0–127	Breath sub
Articulation	0–127	Articulation
Portamento Time	0–127	Portamento time
Volume	0–127	Volume
Pan	0–127	Pan
Expression	0–127	Expression
Resonance	0–127	Resonance
Release	0–127	Release
Attack	0–127	Attack
Cutoff	0–127	Cutoff
Decay	0–127	Decay
Vibrato Rate	0–127	Vibrato rate
Vibrato Depth	0–127	Vibrato depth
Vibrato Delay	0–127	Vibrato delay
Bend Down	0–127	Bend down
Bend Up	0–127	Bend up
After Touch	0–127	Aftertouch (channel key pressure)
Oct -1	Off, On	Octave -1
Oct +1	Off, On	Octave +1
Tone Down	Off, On	Tone decrement
Tone Up	Off, On	Tone increment
Favorite Down	Off, On	Favorite decrement
Favorite Up	Off, On	Favorite increment
Favorite Bank Down	Off, On	Favorite bank decrement
Favorite Bank Up	Off, On	Favorite bank increment
IFX Sw	Off, On	IFX switch
Oct Down	Off, On	Octave down
Oct Up	Off, On	Octave up
Transpose Down	Off, On	Transpose down
Transpose Up	Off, On	Transpose up

Value	Variable range	Explanation
Harmony/Drone Sw	Off, On	Harmony/Drone switch
Hold Mode Sw	Off, On	Hold Mode switch
Harmony Scale	Off, On	Sets the scale of the harmony.
Harmony Key	Off, On	Sets the key of the harmony.

MIDI assignment

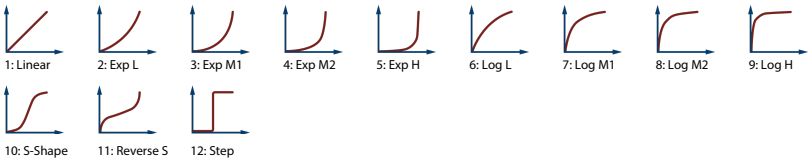
Use these settings to assign MIDI control functions to controllers, such as thumb button and motions, and set how they are controlled.

Maximum number of assignable functions per controller

Controllers	Maximum number of assignments
Breath	8
Motion Tilt/Roll	4
S1, S2, Thumb Button	2

Continuous-value controllers (Breath1–Breath8, Tilt1–Tilt4, Roll1–Roll4)

For controllers whose Function parameter is “Off”, the parameters related to the assign settings are not shown.

Display (parameter)	Value	Explanation
Function	➡ “MIDI function assignments (p. 30)”	Sets the function assigned to the controller for continuous operation.
Input Min	0–127	Specifies the lower (Min) and upper (Max) limit value range within which the controller can operate.
Input Max		
Output Min	0–127	Specifies the lower (Min) and upper (Max) limit values for the range within which the assigned function operates.
Output Max		
Mode	Latch, Momentary	Sets the operation mode. **Latch:** Toggles between the Output Min and Output Max values each time you operate the controller. **Momentary:** As shown in the "Function assignment (continuous values)" graph, the function operates in response to the operation to the controller.
Curve	1: Linear 2: Exp L 3: Exp M1 4: Exp M2 5: Exp H 6: Log L 7: Log M1 8: Log M2 9: Log H 10: S-Shape 11: Reverse S 12: Step	Sets the operating curve when the operating mode is “momentary”. 

Switch-operated controllers (S1-1, S1-2, S2-1, S2-2, Thumb-1, Thumb-2)

For controllers whose Function parameter is “Off”, the parameters related to the assign settings are not shown.

Display (parameter)	Value	Explanation
Function	See “Assignment functions”.	Assigns the function used when pressing the respective controller.

Display (parameter)	Value	Explanation
Release Val	0–127	Sets the value used when you lift your finger off the button (Release) and the value used when you press the button (Press).
Press Val		
Mode	Latch, Momentary	Sets the operation mode. **Latch:** Pressing the button toggles between the Press Val and Release Val values. **Momentary:** The value remains at the Press Val value for as long as you press the button, and the value changes to the Release Val value when you release the button.

MIDI function assignments

Value	Variable range	Explanation
Off	-	No assignment.
CC01–CC95	0–127	Control change message
Bend Down	0–127	Bend down
Bend Up	0–127	Bend up
After Touch	0–127	Aftertouch (channel key pressure)
Start (FA)/Stop (FC)	Off, On	Outputs a start (FA) or stop (FC) signal.

Resetting the parameter settings

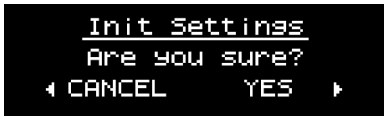
Here's how to restore the parameter settings on the menu to their factory settings.

1 Press the [MENU] button.

The menu screen appears.

2 Use the [◄] [►] buttons to select "Init Settings", and then press the [MENU] button.

A confirmation message appears.



3 Press the [►] button to select "YES".

This resets the parameter settings.

NOTE

If you select "YES", the reset is executed immediately. To cancel, press the [◄] button and select "CANCEL".

4 Turn the power off and then on again.

MEMO

When the Pro Menu is displayed, choose from the parameters shown in "Initialize (p. 25)".
If you want to restore the Aerophone Brisa to its factory state, select "Pro Menu" → "Initialize" → "Factory Reset".

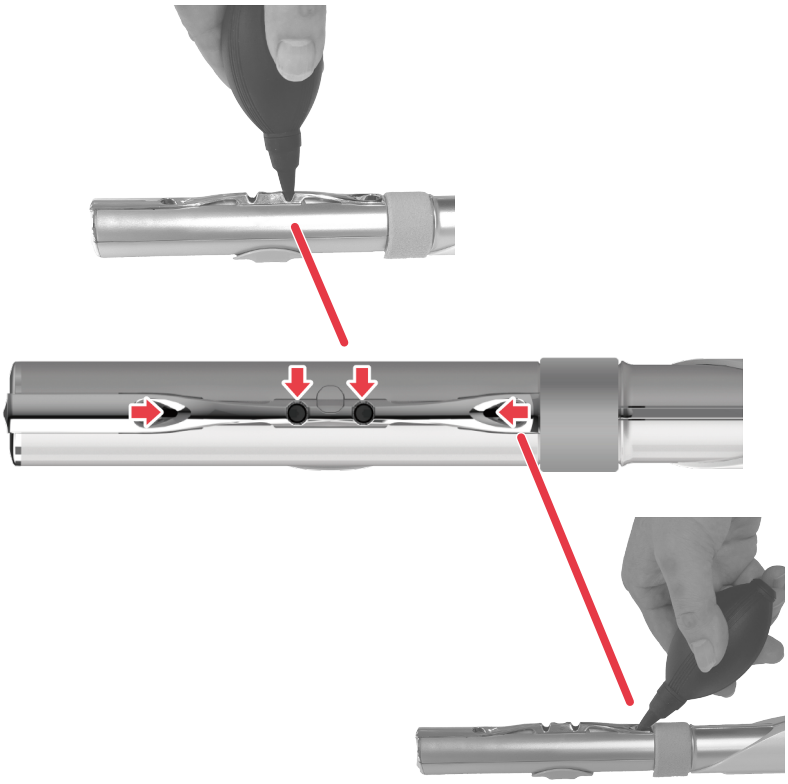
Maintaining your instrument

After playing, follow the steps below to clean the instrument.

1 Turn off the power.

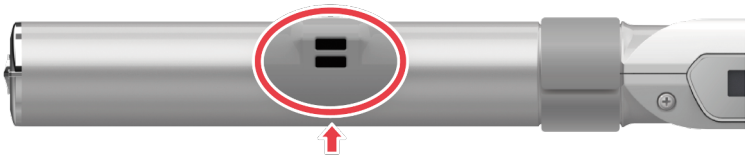
2 Air out the inside of the head joint.

Use the included blower to blow air into the head joint from the direction of the arrows in the illustration. Let out the moist air that is accumulated in the head joint to air it out.



3 Wipe the instrument clean.

Use a cleaning cloth to wipe off areas that are prone to fingerprints and smudges, such as the performance keys.If the lip plate gets dirty, wipe it off.



MEMO

The lip plate cannot be removed from the instrument.

4 Store the instrument in the carrying case.

Store the instrument in the carrying case without pressing the performance keys.

The desiccant is located as shown in the illustration.

MEMO

If the moisture band gets dirty, detach and wash it.

Updating the system program

Update the system program of the Aerophone Brisa if the latest version is not installed. The instrument's settings stay the same even after the update.

Checking the version

Here's how to display the instrument's system program version.

1 Press the [MENU] button.

The menu screen appears.

2 Use the [◄] and [►] buttons to select "Version".

Updating

1 Use your computer to download the system program from the Roland website.

https://www.roland.com/support/

Input the model name → select the model name → refer to "UPDATES & DRIVERS"

2 Unpack the downloaded file.

Windows: Right-click on the file, select "Extract All" and then click "Extract".

macOS: Double-click the file to unpack it.

3 Connect this instrument to your computer with the included USB cable.

4 Press the [POWER] button while holding down the [MENU] button to turn on the power.

The following screen appears.

5 Copy the extracted file "AE-BRISA_upd.bin" to "AE-BRISA" that's shown on your computer.

The copy operation may take a minute or more.

6 Disconnect "AE-BRISA" from your computer.

Windows: Right-click the "AE-BRISA" icon on "This PC" and click "Eject".

macOS: Drag the "AE-BRISA" icon to the Trash icon in the Dock.

MEMO

Keep the USB cable connected even after ejecting the AE-BRISA so that the update does not fail due to insufficient battery power.

7 Press the [TONE] button on this instrument.

This starts the update. The update may take several minutes.

8 Once "Finished" is shown on the screen, press and hold the [POWER] button to turn off the power.

MEMO

If the update fails, the instrument does not start up properly the next time you turn it on.
If this happens, try updating again.

Control change messages

This is a list of control change messages used when controlling this instrument from an external MIDI device.

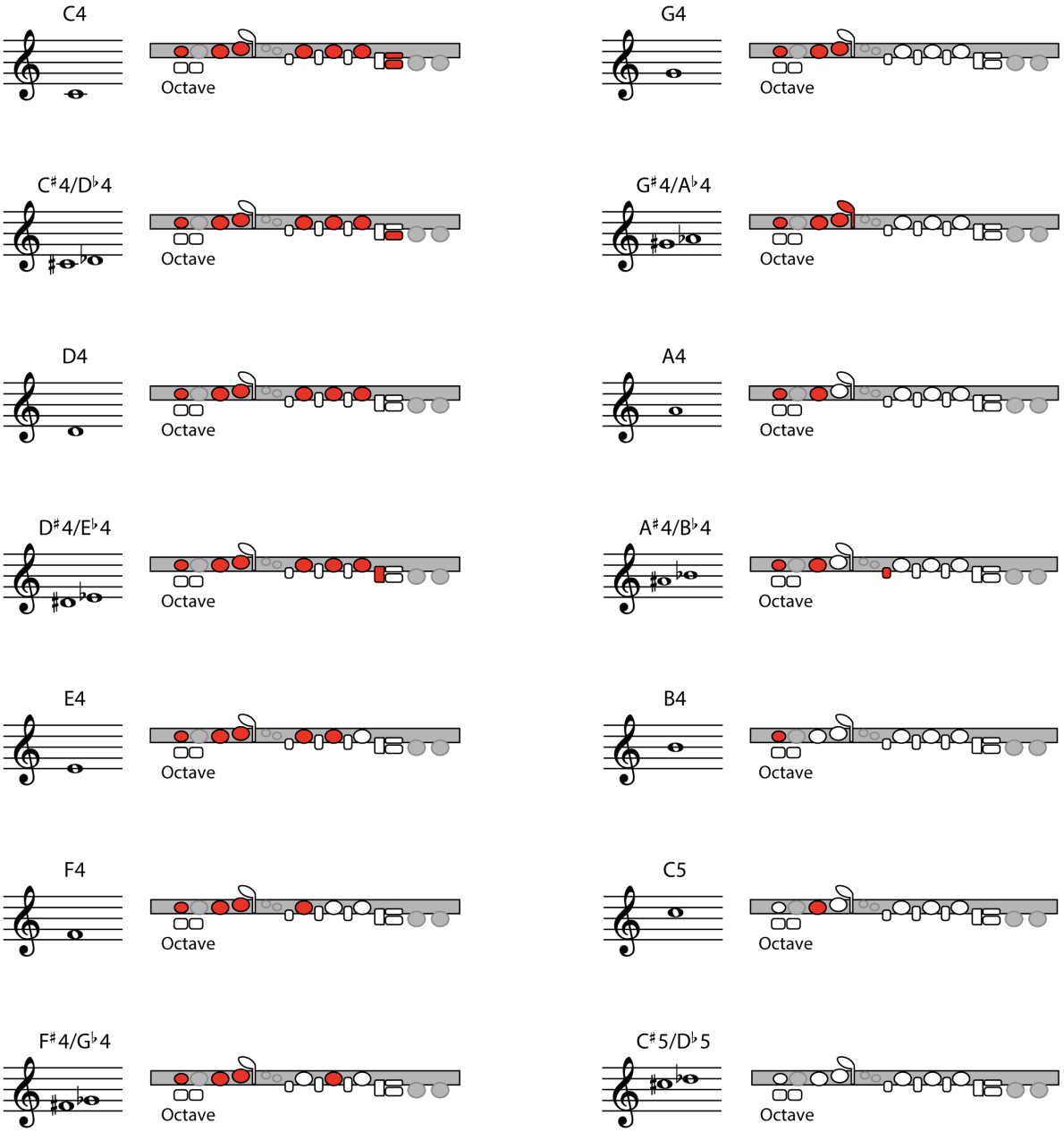
CC#	Functions that are controlled	Explanation
0	Bank Select MSB	
1	Modulation (depending on tone settings)	vib, tone, filter, level, rotary, Xfade
2	Breath (depending on tone settings)	cutoff, dynamics, PMT
4	(Depends on tone settings)	growl, sfx, tremolo
5	Portamento Time	
6	Data Entry MSB	
7	Volume	
9	(Depends on tone settings)	resonance
10	Pan	
11	Expression (depending on tone settings)	Expression, dynamics
14	AE-BRISA Int. Hrmny Scale	
15	AE-BRISA Key Set	
16	(SuperNATURAL Control 1)	noise level
18	(SuperNATURAL Control 2)	growl
19	(SuperNATURAL Control 3)	bend mode, glissando mode, hold legato mode
20	Tone Down	
21	Tone Up	
22	Favorite Down	
23	Favorite Up	
24	Octave Down	
25	Octave Up	
26	Transpose Down	
27	Transpose Up	
28	Harmony Sw	
29	Drone Sw	
30	X-Fade	
32	Bank Select LSB	
38	Data Entry LSB	
64	Hold1	
65	Portamento	
66	Sostenuto	
68	Legato	
71	Resonance	
72	Release Time	
73	Attack Time	
74	Cutoff	
75	Decay Time	
76	Vibrato Rate	
77	Vibrato Depth	
78	Vibrato Delay	

Control change messages

CC#	Functions that are controlled	Explanation
80	(SuperNATURAL Control 4)	staccato, drone, ornament, tambura, strum, nail, voice woo
81	(SuperNATURAL Control 5)	fall, pizz
82	(SuperNATURAL Control 6)	subtone, tremolo
84	Portamento Control	
91	Reverb Send Level	
93	Chorus Send Level	
98	NRPN LSB	
99	NRPN MSB	
100	RPN LSB	
101	RPN MSB	
120	All Sound Off	
121	Reset All Controllers	
123	All Note Off	
126	Mono Mode On	
127	Poly Mode On	

Fingering chart

Brisa



□□ Base octave

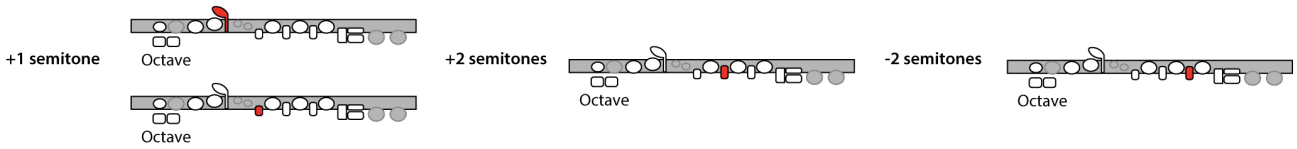
□■ Base octave + 1

■■: Base octave + 2

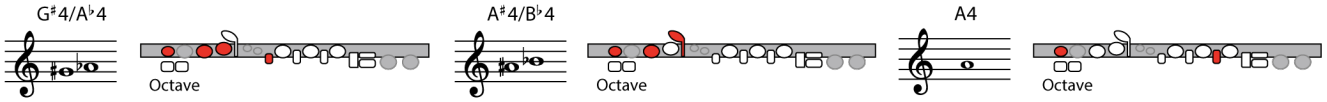
* ■ Press

MEMO

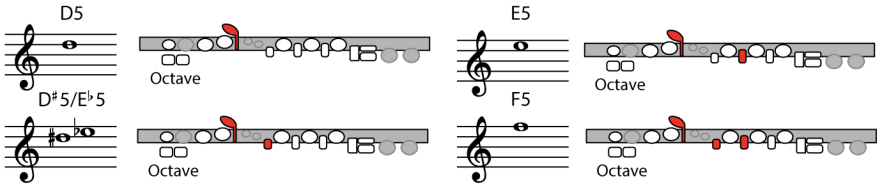
You can use the following keys in combination with other fingerings to change the note by +1 semitone, +2 semitones, or -2 semitones. You can use them for alternate fingerings or trills.



For example, you can also play G♯4/A♭4, A♯4/B♭4 or A4 using the following fingerings.

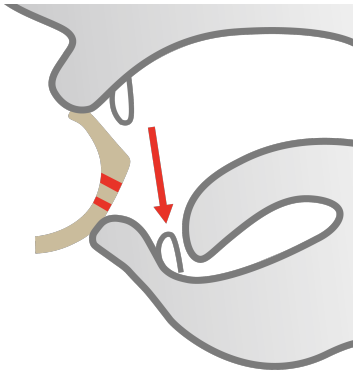


Also, you can play the notes above D5 using the following fingerings, without pressing the octave keys.



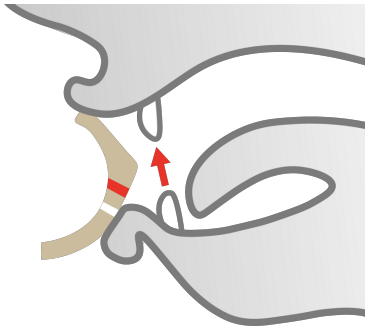
Flute

When in Flute fingering mode, the octave keys function as performance keys (Briccialdi key and B key). You can switch the octaves by covering the lower hole of the mouthpiece or blowing into the hole.



Blowing into both the upper and lower holes allows you to play in the low register. In this case, the shape of your mouth is close to an “O” shape.

Even if you blow into both the upper and lower holes, blowing harder gives you more midrange/high frequencies.



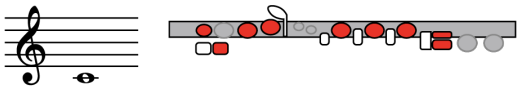
By covering the lower hole with your lower lip and blowing only into the upper hole, you can play in the middle and high registers. In this case, the shape of your mouth is close to a “U” shape.

* This document does not include all flute fingerings. This unit also supports several alternate fingerings that are not listed.

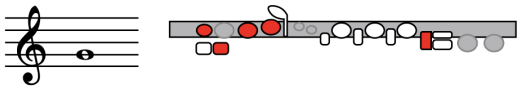
Low Register

Blow into both holes

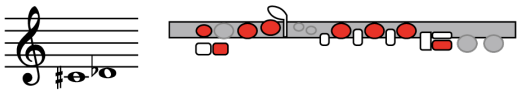
C4



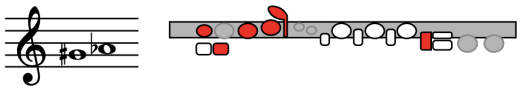
G4



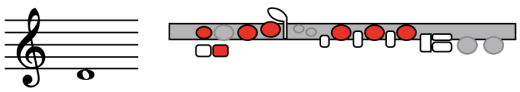
C♯4/D♭4



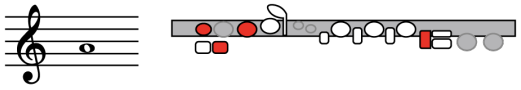
G♯4/A♭4



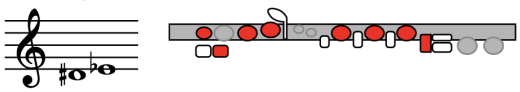
D4



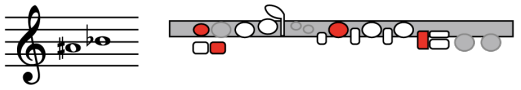
A4



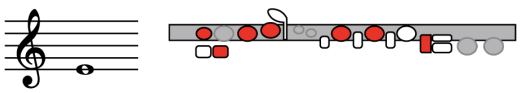
D♯4/E♭4



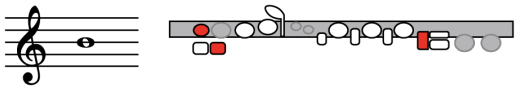
A♯4/B♭4



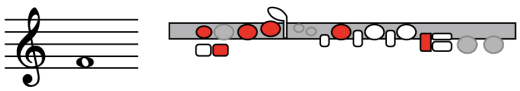
E4



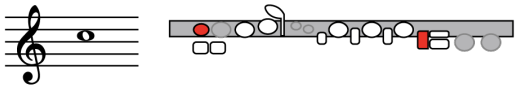
B4



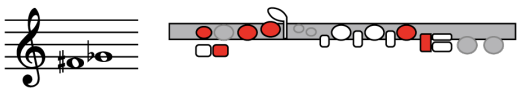
F4



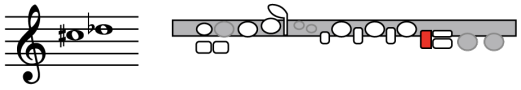
C5



F♯4/G♭4



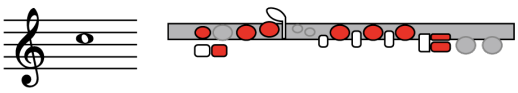
C♯5/D♭5



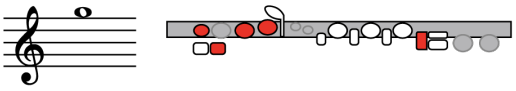
Middle Register

Blow into the upper hole

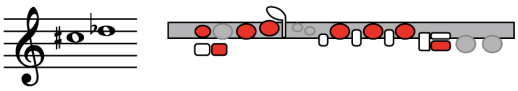
C5



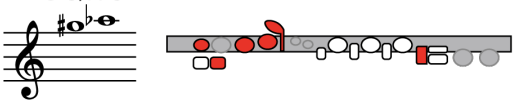
G5



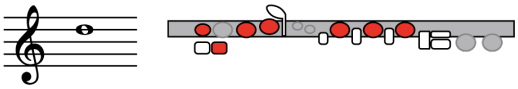
C♯5/D♭5



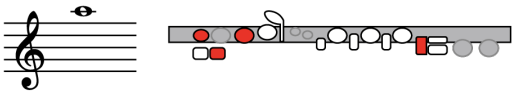
G♯5/A♭5



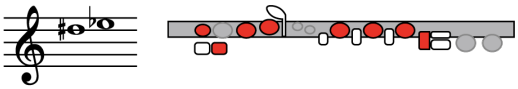
D5



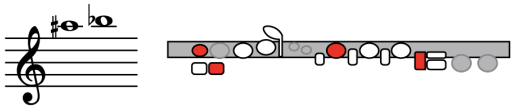
A5



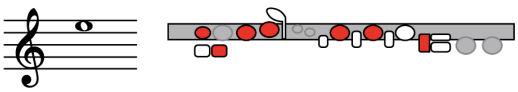
D♯5/E♭5



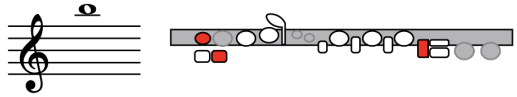
A♯5/B♭5



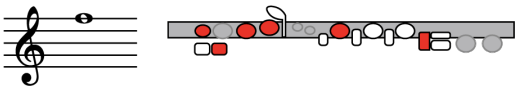
E5



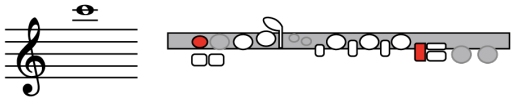
B5



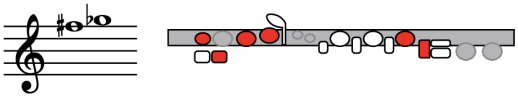
F5



C6



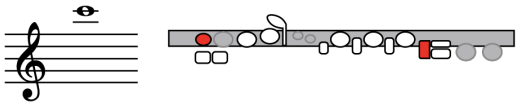
F♯5/G♭5



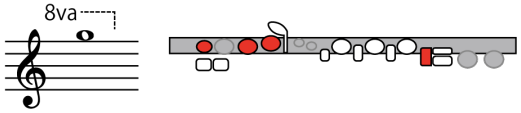
High Register

Blow into the upper hole

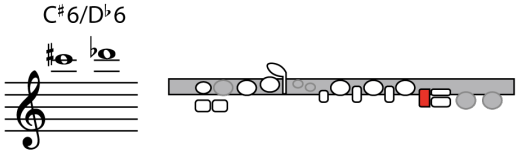
C6



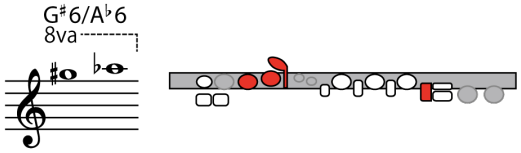
G6



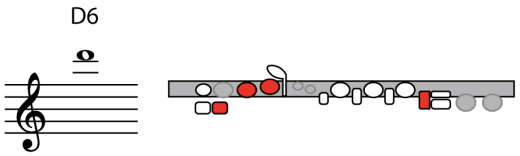
C♯6/D♭6



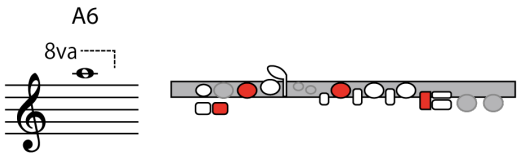
G♯6/A♭6



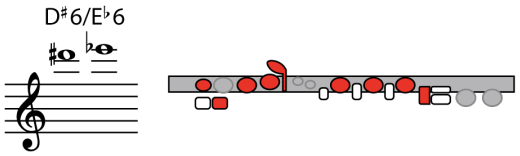
D6



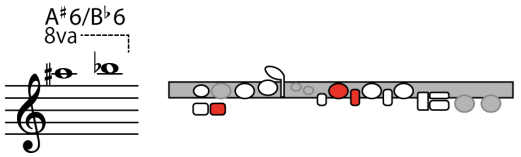
A6



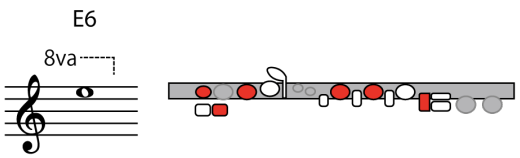
D♯6/E♭6



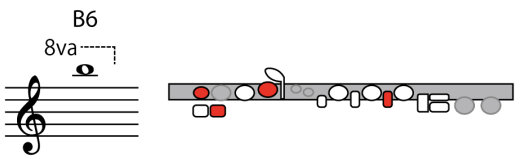
A♯6/B♭6



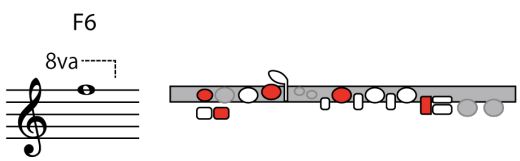
E6



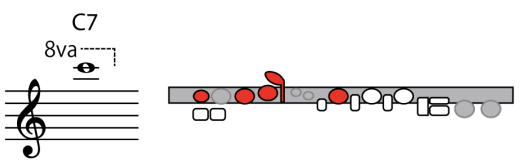
B6



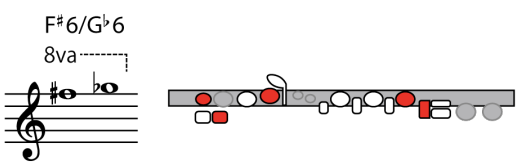
F6



C7



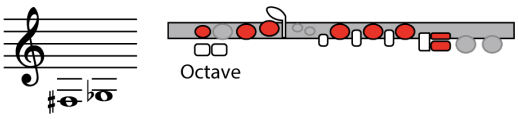
F♯6/G♭6



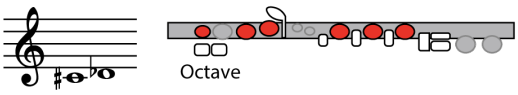
Trumpet

Right-hand keys F, E, and D correspond to pistons 1, 2, and 3 of a trumpet.

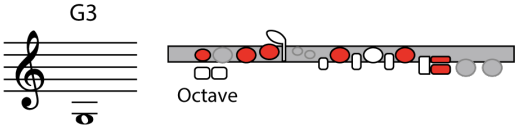
F♯3/G♭3



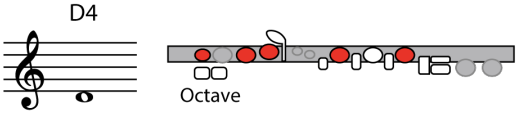
C♯4/D♭4



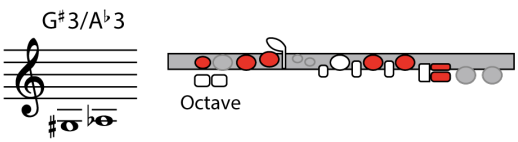
G3



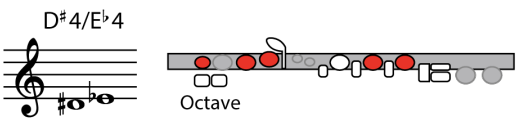
D4



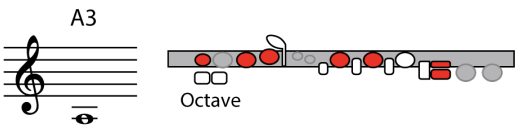
G♯3/A♭3



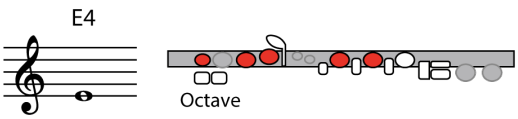
D♯4/E♭4



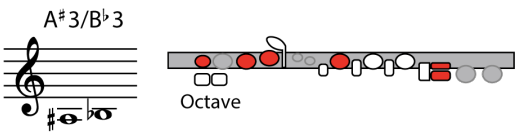
A3



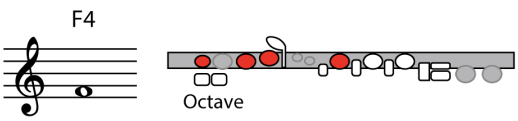
E4



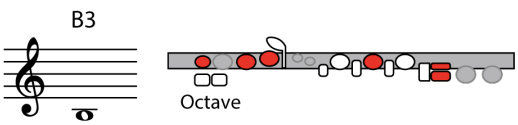
A♯3/B♭3



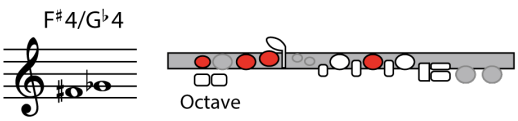
F4



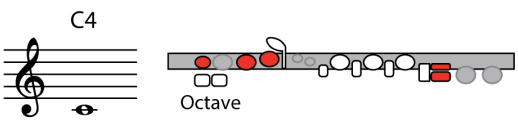
B3



F♯4/G♭4



C4

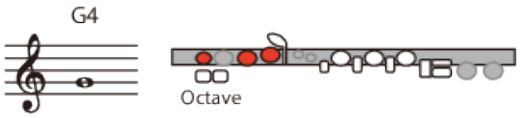


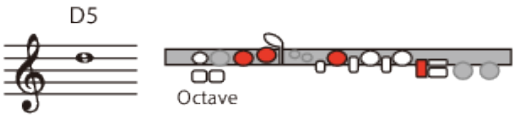
□□ Base octave

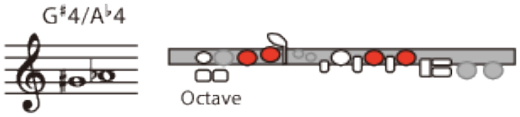
□■ Base octave + 1

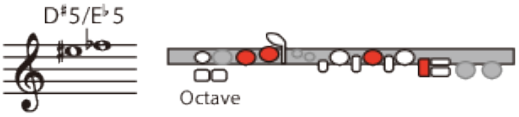
■■Base octave + 2

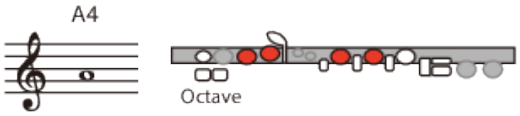
* ■ Press

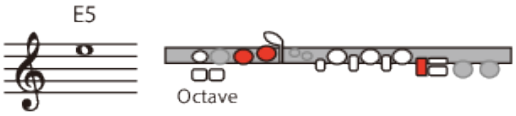

G4
Octave


D5
Octave


G♯4/A♭4
Octave


D♯5/E♭5
Octave


A4
Octave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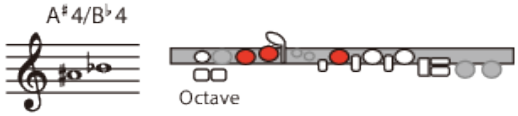
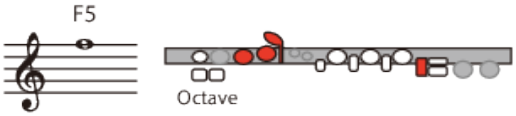
Octave


A♯4/B♭4
Octave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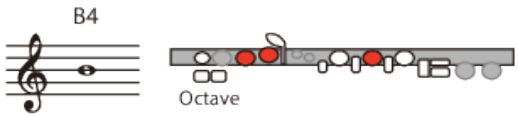
Octave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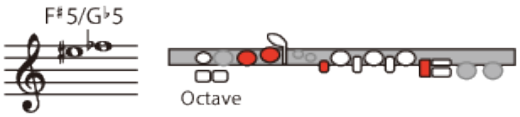
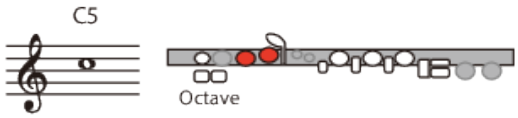

F♯5/G♭5
Octave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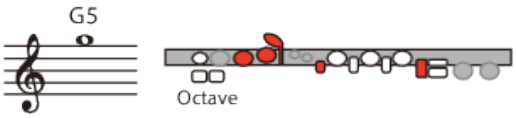
Octave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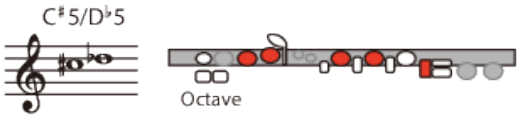
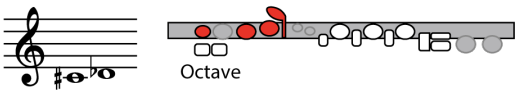
Octave


C♯5/D♭5
Octave

Left

Fingering that lets you perform using only the left hand.

C♯4/D♭4



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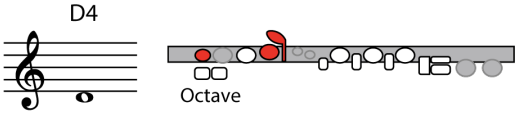
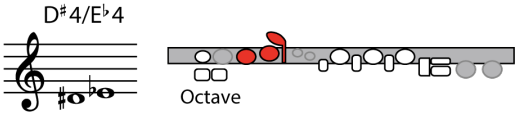


D♯4/E♭4



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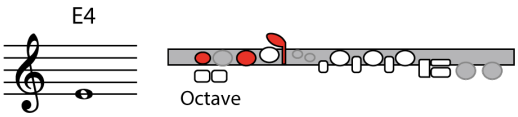

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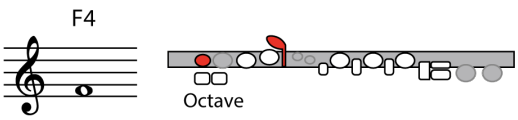
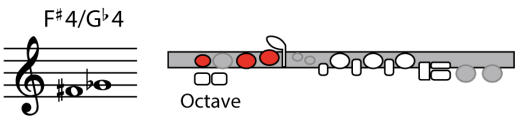


F♯4/G♭4



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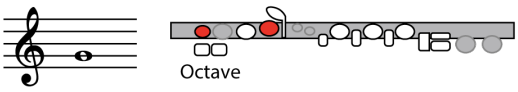
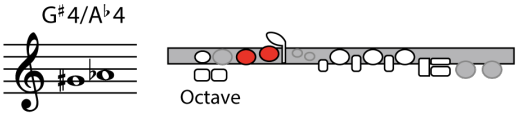
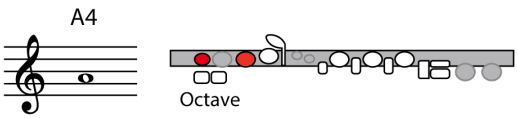


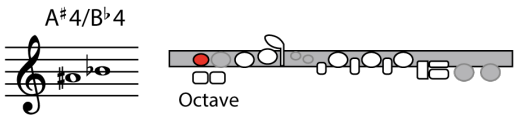
G♯4/A♭4



A4



A♯4/B♭4



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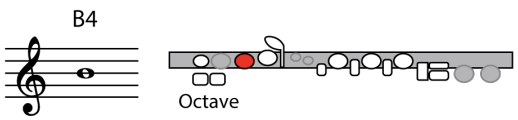
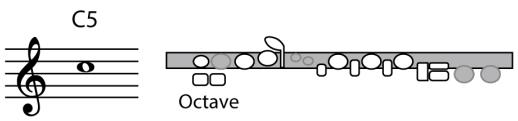


C5



□□ Base octave

□■ Base octave + 1

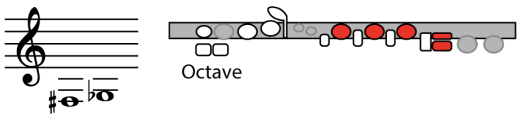
■■ Base octave + 2

* ■ Press

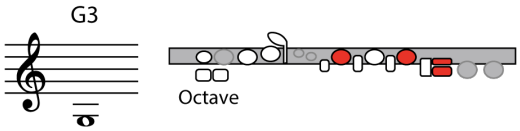
Right

Fingering that lets you perform using only the right hand.

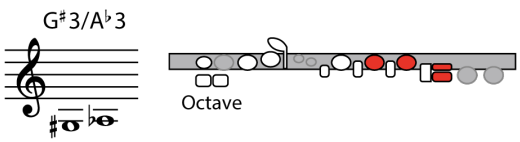
F♯3/G♭3



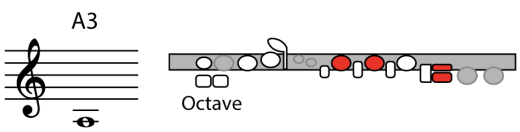
G3



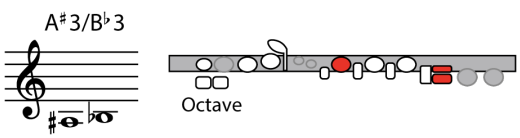
G♯3/A♭3



A3



A♯3/B♭3



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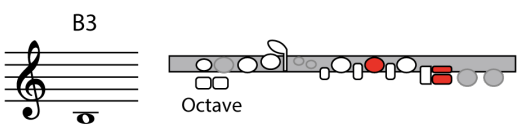
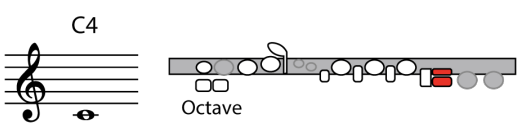
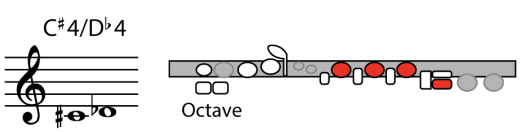


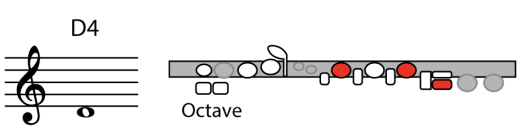
C4



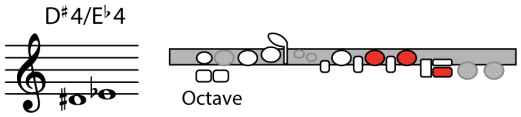
C♯4/D♭4



D4



D♯4/E♭4



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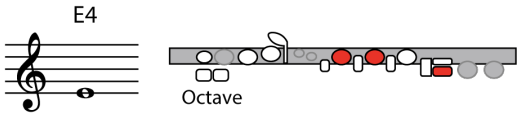

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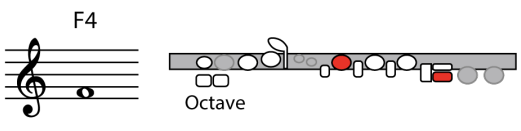
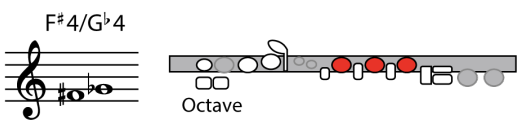


F♯4/G♭4



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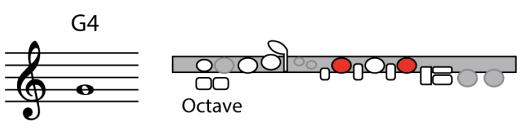
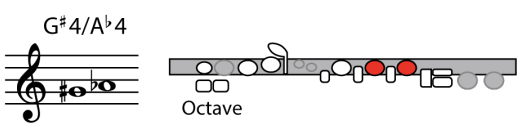


G♯4/A♭4



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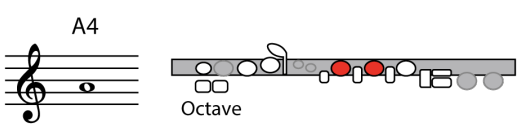
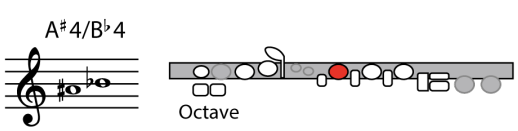


A♯4/B♭4



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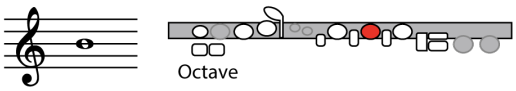

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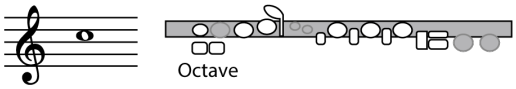
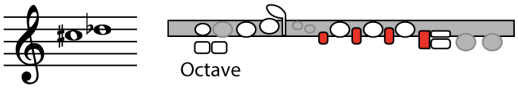
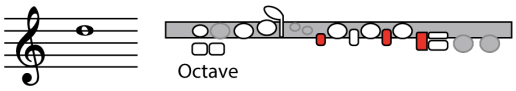


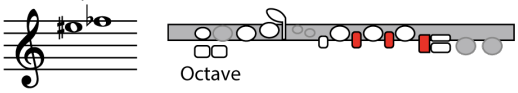
C♯5/D♭5



D5



D♯5/E♭5



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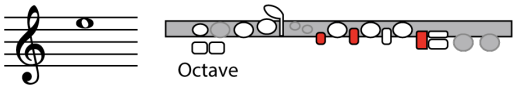

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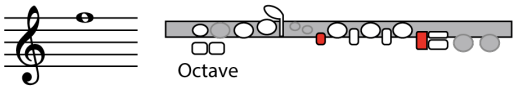
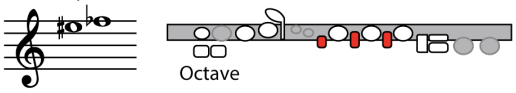


F♯5/G♭5



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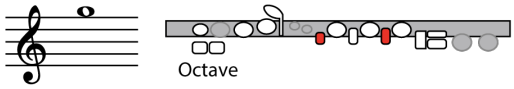
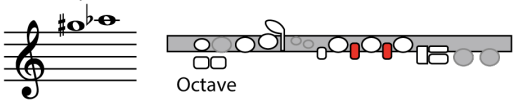


G♯5/A♭5



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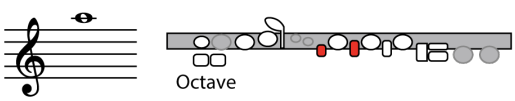
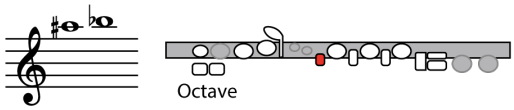


A♯5/B♭5



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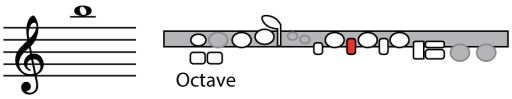

Effect list

Number	Effect	Explanation
01	Reverb Hall 1	Hall reverb
02	Reverb Hall 2	
03	Reverb Hall 3	
04	Reverb Hall 4	
05	Reverb Room 1	Room reverb
06	Reverb Room 2	
07	Reverb Plate 1	Plate reverb
08	Reverb Plate 2	
09	Reverb Plate 3	
10	Delay 1	Delay
11	Delay 2	
12	Delay 3	
13	Delay 4	
14	Delay 5	
15	Delay 6	
16	Delay 7	
17	Chorus	Chorus

Main specifications

Key Layout	Flute compatible
Preset Tones	100 Tones
User Tones	48 Tones
Favorite Tones	12 Tones x 5 banks available
Effects	17 Types
Controllers	Dual breath sensor Thumb button [S1]/[S2] buttons Motion sensor
Bluetooth	Ver 5.0 Profile Support: GATT (MIDI over Bluetooth Low Energy)
Display	Graphic OLED 128 x 32 dots
Connectors	PHONES jack: stereo miniature phone type USB 5V port: USB Type-C® (DC 5V, AUDIO/MIDI supported)
Speaker	1
Power Supply	Lithium-ion battery Obtained via USB port (USB bus power)
Current Draw	0.6 A
Battery life for continuous use (differs depending on the conditions of use)	approximately 8 hours
Dimensions	752 (L) x 51 (W) x 52 (H) mm 29-5/8 (L) x 2-1/16 (W) x 2-1/16 (H) inches
Weight	415 g 15 oz
Accessories	Quick Start Tone List Leaflet “USING THE UNIT SAFELY” Moisture band x 3 Cleaning cloth Blower USB Type-C® (straight) to Type-C® (angled) cable Right angle adaptor (stereo miniature phone type) Dedicated hand carry bag

* This document explains the specifications of the product at the time that the document was issued. For the latest information, refer to the Roland website.

Aerophone Brisa
Reference Manual

01

Roland Corporation