Roland

Aerophone Pro
AE-30
Owner's Manual

📖 **Owner's Manual (this document)**

This explains basic use of the Aerophone Pro.

📚 **PDF Manuals (download from the web)**

- **Scene List**
  This is detailed information for the Aerophone Pro sound list.

- **Aerophone Pro Parameter Guide**
  This explains the parameters that can be edited from the unit itself.

- **MIDI Implementation**
  This is detailed information about MIDI messages that you can use when connecting the this unit with MIDI devices.

📚 **To obtain the PDF manuals**

1. Enter the following URL in your computer.
   https://www.roland.com/manuals/

2. **Choose "Aerophone Pro" as the product name.**

📹 **Video Manual**

You can view a quick start video.

📹 **To access the "Video Manual"**
   http://roland.cm/ae-30_qs

Before using this unit, carefully read "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (the leaflet "USING THE UNIT SAFELY" and the Owner's Manual (p. 2)). After reading, keep the document(s) where it will be available for immediate reference.

🔵 **Bluetooth**®

USING THE UNIT SAFELY

⚠ WARNING

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). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 21).

⚠ WARNING

Use only the supplied AC adaptor and the correct voltage

Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.

⚠ CAUTION

Keep small items out of the reach of children

To prevent accidental ingestion of the parts listed below, always keep them out of the reach of small children.

Included Parts/Removable Parts

Thumb hook cover

IMPORTANT NOTES

Power Supply: Use of Batteries

- If the batteries run extremely low, the sound may distort / interruptions in the sound may occur at high volume levels, but this does not indicate a malfunction. If this occurs, please replace the batteries / use the included AC adaptor.

- If operating this unit on batteries, please use Ni-MH batteries.

- Even if batteries are installed, the unit will turn off if you connect or disconnect the power cord from the AC outlet while the unit is turned on, or if you connect or disconnect the AC adaptor from the unit. When this occurs, unsaved data may be lost. You must turn off the power before you connect or disconnect the power cord or AC adaptor.

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.

- Never strike or apply strong pressure to the display.

- Use caution not to scratch the surface of a desk or table on which you place this instrument.

- When disposing of the packing carton or cushioning material in which this unit was packed, you must observe the waste disposal regulations that apply to your locality.

Using External Memories

- Please observe the following precautions when handling external memory devices. Also, make sure to carefully observe all the precautions that were supplied with the external memory device.
  - Do not remove the device while reading/writing is in progress.
  - To prevent damage from static electricity, discharge all static electricity from your person before handling the device.

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.
  - Using this device in a country other than where it was purchased

- Do not use this product closer than 22 cm (8–11/16 inches) from where a cardiac pacemaker is implanted. Doing so may affect the operation of the cardiac pacemaker.

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Contents

Main Specifications

Power Supply	AC adaptor (DC 5.7 V)
	Ni-MH battery (AA, HR6) (sold separately) x 6
Current Draw	915 mA
Expected battery life under continuous use	approximately 6 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.
Sound Generator	ZEN-Core
	SuperNATURAL acoustic
Parts	4 Parts (Drum:1 Part)
Preset Memory	Preset Scenes: more than 300
User Memory	User Scenes: 600
	Favorite Scenes: 12
Effects	Multi-effects
	Chorus
	Delay
	Reverb
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)
Dimensions	133 (W) x 84 (D) x 687 (H) mm
	5-1/4 (W) x 3-5/16 (D) x 27-1/16 (H) inches
Weight (including batteries)	1,140 g
	2 lbs 9 oz

Accessories	Owner's Manual, Leaflet "USING THE UNIT SAFELY," AC adaptor, USB cable (Type C–Type A), Mouthpiece cap, Band, Thumb hook cover (2 types), Water basin, Dedicated hand carry bag
Options (sold separately)	Replacement Mouthpiece (OP-AE05MPH)

* 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.

English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

Fingering Chart
運指表

Panel Descriptions

Attach the band to this position.

Attach the thumb hook cover to this position.

Attach the water basin to this position.
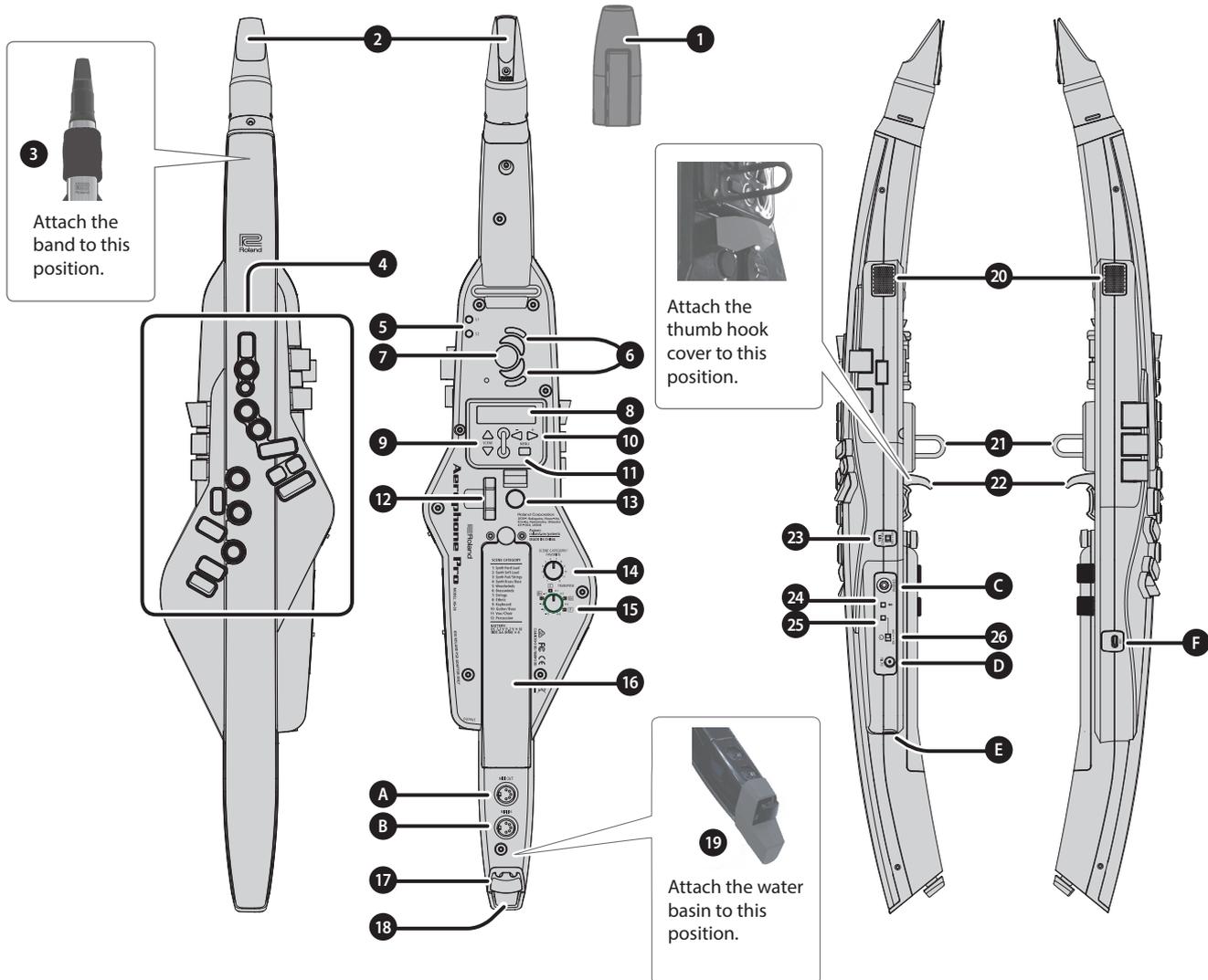
1 Mouthpiece Cap

Protects the mouthpiece. When you're not playing, leave the mouthpiece cap attached. Press it on until you hear it click into place.

* When removing or attaching the mouthpiece cap, take care not to touch the reed.

2 Mouthpiece

A dedicated mouthpiece for the Aerophone that is constructed as a single unit with the reed.
➡ "Embouchure" (p. 7)

* When attaching the mouthpiece, take care not to pinch your finger between the movable part and the body of the instrument.

3 Band

Prevents saliva from reaching the unit during performance, and entering the interior from around the buttons, switches, or performance keys.

4 Performance keys

These keys are used for performance. They allow performance using the same fingering as a saxophone. Some keys, such as the side keys, allow you to assign various functions or parameters.
➡ "Pressing the Performance Keys" (p. 7)
➡ "Assigning Functions to Controllers (Assign)" (p. 16)
➡ Fingering Chart of "Aerophone Pro Parameter Guide" (PDF)

5 [S1] / [S2] buttons

You can assign a variety of functions or parameters to these buttons.
➡ "Assigning Functions to Controllers (Assign)" (p. 16)

6 Octave keys

These buttons switch octaves. You can assign them to switch ±2 or ±3 octaves, or to sax compatible mode. Operate them using the left-hand thumb.
➡ "Aerophone Pro Parameter Guide" (PDF)

7 Thumb rest

Place your left thumb here.
➡ "Holding the Aerophone Pro" (p. 7)

8 Display

This indicates the scene (sound) name and various parameters.

* The display of this unit automatically turns off when a certain length of time has elapsed since the unit was last operated (p. 13).

9 [SCENE] (▲/▼) buttons

Use these buttons to select scenes (sounds).
➡ "Making Sound Settings" (p. 8)

10 [-][+] (◄/►) buttons

Use these buttons to select menu items or edit values.

11 [MENU] button

Use this button to specify the details of the system, scene, assign, and MIDI control settings.

By long-pressing the [MENU] button you can access a screen where you can register user scenes and favorite scenes.
➡ "Making Settings in the Menu" (p. 13)
➡ "Storing a user scene" (p. 9)
  "Registering a favorite scene" (p. 10)

4

12 Thumb lever

This raises or lowers the pitch. You can assign a variety of functions or parameters to this lever. Operate it using the right-hand thumb.

➡ "Assigning Functions to Controllers (Assign)" (p. 16)

➡ "Aerophone Pro Parameter Guide" (PDF)

13 Thumb pad

You can assign a variety of functions or parameters to this pad. Operate it using the right-hand thumb.

➡ "Assigning Functions to Controllers (Assign)" (p. 16)

14 [SCENE CATEGORY] knob

Turn	Switch preset scene categories.
Turn while holding down the [SCENE] (▼) button	Switch user scene banks.
Turn while holding down the [SCENE] (▲) button	Switch favorite scenes.

➡ "Making Sound Settings" (p. 8)

15 [TRANSPOSE] knob

Selects the base key.

➡ "Selecting the Key in Which to Play" (p. 7)

You can use the [TRANSPOSE] knob to adjust the volume of the audio sent to the speakers or to an external output.

➡ "Aerophone Pro Parameter Guide" (PDF)

16 Battery case

If you are using this unit on batteries, insert six Ni-MH batteries (AA). Turn the screw to open or close the cover of the battery compartment. When performing, make sure that the cover of the battery compartment is firmly fastened with the screw.

➡ "Selecting the Power Source" (p. 6)

17 Cord hook

If cords are attached to the unit while in use, secure them to the cord hook. This prevents the cord from being inadvertently unplugged if it is pulled, and prevents the connector from being stressed.

18 Water drain

Drops of water will exit here.

19 Water basin

This cover receives water droplets that come out of the water drain. This prevents the water droplets from falling to the floor. After use, remove the cover and discard the water that has accumulated.

* Fit the rounded protrusion of the water basin into the depression at the lower part of this unit.

20 Built-in speakers

A speaker is located at each side of this unit, left and right. These speakers allow the performer to hear the sound for monitoring purposes.

21 Strap ring

Attach a commercially available neck strap designed for musical instruments here.

22 Thumb hook

Place your right thumb under the hook. Attach the included thumb hook cover as desired.

➡ "Holding the Aerophone Pro" (p. 7)

23 [MIDI CONTROL] switch

This switch turns MIDI control mode on/off. If you are using this unit as a MIDI controller, turn this switch on.

➡ "Assigning MIDI Control to a Controller (MIDI Control)" (p. 19)

24 Bluetooth LED (blue)

The LED indication shows the Bluetooth function's on/off status.

Lit	Bluetooth function on
Blinking	Waiting to connect via Bluetooth audio
Unlit	Bluetooth function off

➡ "Using the Aerophone Pro with a Smartphone" (p. 11)

25 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

26 [⏻] switch

Turns the power on/off.

➡ "Turning the Power On/Off" (p. 6)

Connect Your Equipment

A MIDI OUT connector   B MIDI IN connector

Use these to connect this unit to an external sound module or other device, so that MIDI messages can be transmitted and received. Use MIDI cables (commercially available) to make these connections.

C PHONES jack (stereo mini)

Connect headphones.

➡ "Connecting Headphones or External Speakers" (p. 6)

D DC IN jack

Connect the included AC adaptor here.

➡ "Selecting the Power Source" (p. 6)

E OUTPUT jack (stereo 1/4" phone type)

This is an output jack for audio signals. Connect it to your amplified speakers etc.

➡ "Connecting Headphones or External Speakers" (p. 6)

F USB port (Type-C)

Use the included USB cable (Type C–Type A) to connect this unit to your computer so that MIDI and audio can be transmitted or received.

You can also connect a USB flash drive to update this unit if a new version of the system program becomes available.

➡ "Using the Aerophone Pro with Computer Software" (p. 12)

* This unit will not operate on USB power. Do not connect a power supply to the USB port.

* Never turn off the power or remove the USB flash drives while the screen indicates "Writing..."

Product serial number

This unit's serial number is listed inside the battery compartment. Enter the product serial number when performing user registration for this unit.
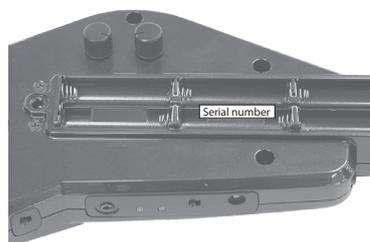
Before You Play

Selecting the Power Source

The Aerophone Pro can operate on batteries or on the included AC adaptor.

When using batteries

This allows approximately 6 hours of playing.

1. Insert six Ni-MH batteries (AA).

* 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. Replace the battery as soon as possible.

* 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.

* If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY" and Owner's Manual (p. 2)).

When using AC adaptor

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

1. Connect the included AC adaptor as shown in the illustration.

* Use the cord hook to secure the cord of the AC adaptor as shown in the illustration.

Roland PSD adaptor

cord hook

Pull the cord hook down and run the cable through it.
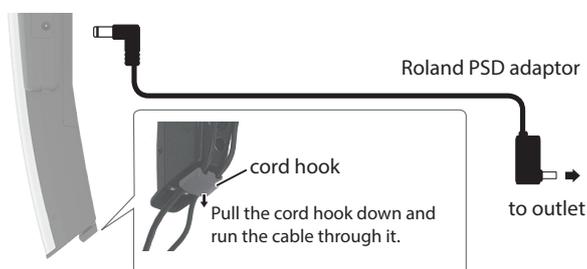
to outlet

> **NOTE**
>
> This unit cannot charge batteries that are installed in it, even if it is connected by an AC adaptor that's plugged into an AC outlet. Use a commercially available charger to charge the batteries.

Connecting 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.

PHONES jack

headphones

external speakers
(amplified speakers)

Mono output
Set the Output Mode (p. 14) to "Mono"

OUTPUT jack

Stereo output
Set the Output Mode (p. 14) to "Stereo"
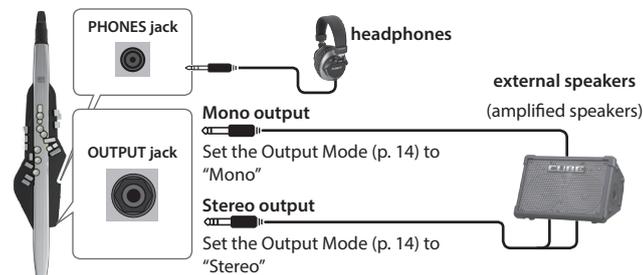
Turning the Power On/Off

Turning the power on

* If an external device is connected to this unit, minimize its volume before you turn on the power.

1. Turn the unit's [⏻] switch "ON."
   The power LED is lit, and the display shows the scene screen.

2. If an external device is connected to this unit, power-on the external device, and then adjust the volume.

Turning the power off

1. If an external device is connected to this unit, turn off the power of the connected external devices.

2. Turn the unit's [⏻] switch "OFF."

* 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). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 21).

   • Unsaved data is lost when the power turns off. Before turning the power off, save the data that you want to keep.

   • To restore power, turn the power on again.

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

Adjusting the Volume

The volume is adjusted by the strength of your breath when performing, but you can use a menu setting to adjust the overall volume.

Aerophone Pro built-in speakers

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 "Output Volume," and press the [MENU] button.

3. Use the [-][+] (◄/►) buttons to adjust the volume.
   You can use the [TRANSPOSE] knob to adjust the volume of the audio sent to the speakers or to an external output.
   ➡ "Aerophone Pro Parameter Guide" (PDF)

Performing

Holding the Aerophone Pro

1. Hold the Aerophone Pro as shown in the illustration.

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

* Use a commercially available neck strap designed for musical instruments.
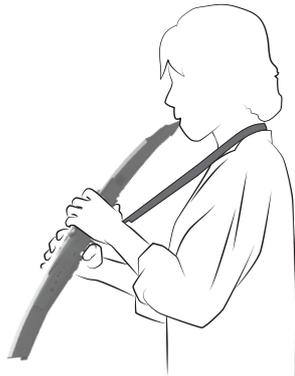
Selecting the Key in Which to Play

Transposes the pitch range of the tone in semitone steps.

1. Turn the [TRANSPOSE] knob.
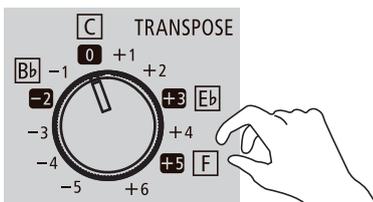
> **MEMO**
>
> The operation of the [TRANSPOSE] knob differs depending on the value of the system setting "Transpose Mode."
>
> - **If Transpose Mode is "System" (default value)**
>
>   Transposition is always the value of the [TRANSPOSE] knob.
>
> - **If Transpose Mode is "Scene"**
>
>   The transposition will be as specified by the scene.
>
>   * The value indicated by the [TRANSPOSE] knob might be different than the actual transposition.
>
>   * Even if transposition is specified for the scene, turning the [TRANSPOSE] knob sets the transposition to the value of the knob.
>
> **How to set the Transpose Mode**
>
> **1. Press the [MENU] button.**
>
>   The Menu screen appears.
>
> **2. Use the [-][+] (◀/▶) buttons to select "Transpose Mode," and press the [MENU] button.**
>
>   The cursor position moves to the lower line.
>
>   ```
>   Menu System   0(C ) ▭
>   Transpose Mode
>           System ▸
>   ```
>
> **3. Use the [-][+] (◀/▶) buttons to change the value.**
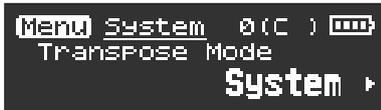
Embouchure

Hold the mouthpiece lightly between your upper teeth and lower lip, and blow into it.
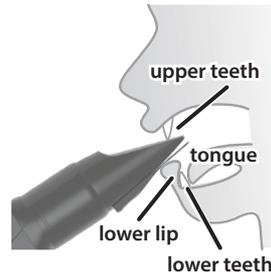
> **MEMO**
>
> - By using tonguing (using your tongue to control your breath) and legato you can control the sound more expressively.
> - You can control the pitch by the strength with which you bite the reed.
>   ➡ "Aerophone Pro Parameter Guide" (PDF)

Pressing 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.
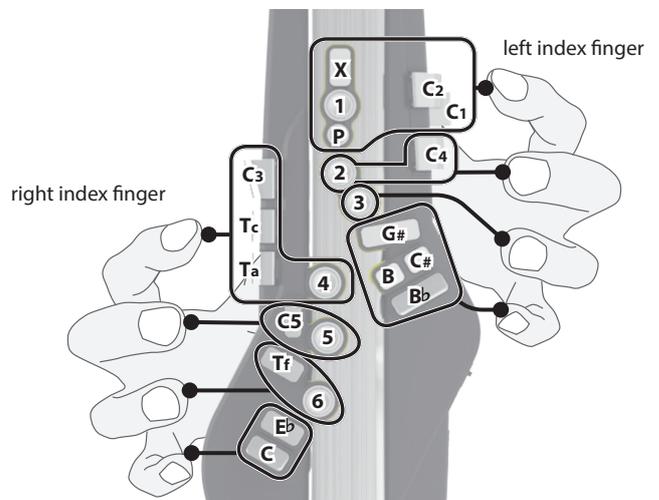
* When you lay down this unit, attach the mouthpiece cap and lay the unit down with the performance keys upward. Laying down the unit with the performance keys downward might cause problems such as the buttons failing to return.

Making Sound Settings

Overview
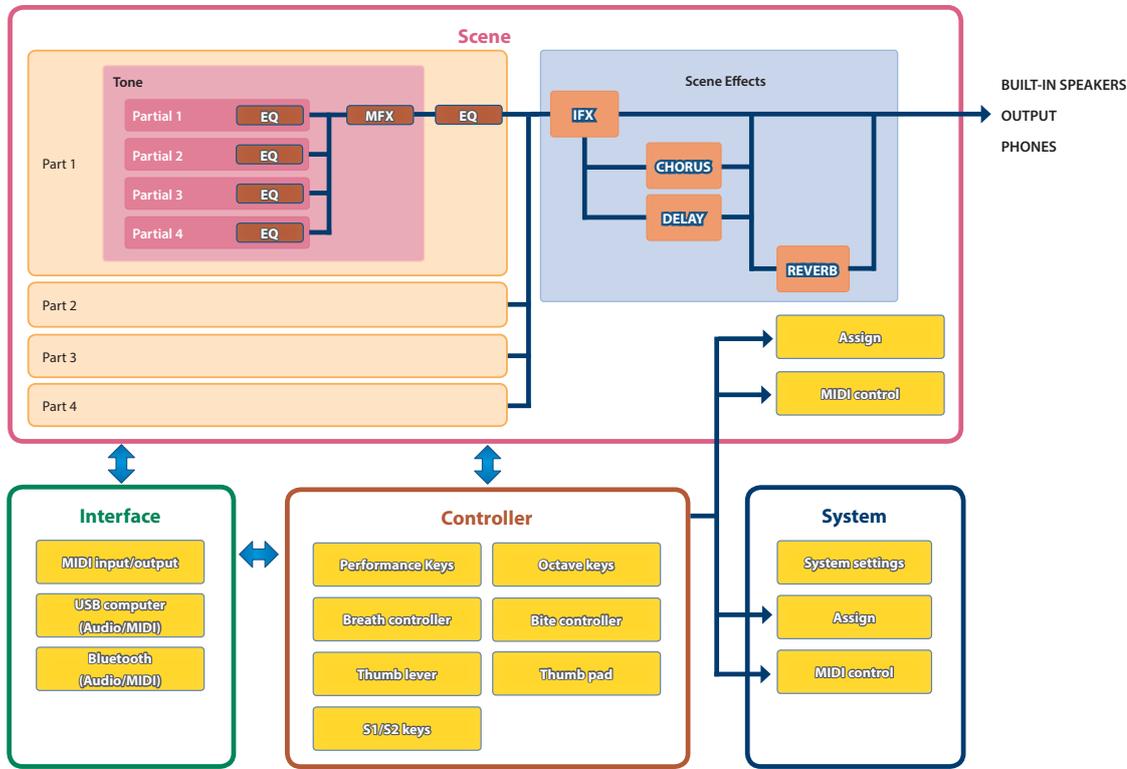
Tone

A sound that's assigned to a part is called a "tone." A tone consists of four partials. You can edit tone settings such as the oscillator, filter, and effect (MFX).

Part

You can assign a sound (tone) to each of four parts, and make pan and EQ settings for it. One tone is assigned to each part for performance.

There are four parts. Drum kit tones can be assigned only to part 1. If a drum kit tone is assigned to part 1, parts 2–4 are not available.

Scene

A "scene" contains the settings for each part (tone number, pan, volume, etc.), the settings common to all parts (scene effects, etc.), the assignment settings for each controller, the MIDI control settings and so on.

When performing, it is convenient to save your scene settings in a user bank ahead of time, and then switch between scenes during your performance. There are 50 scenes x 12 banks, allowing you to save a total of 600 scenes. Up to 12 preset scenes and user scenes can also be registered as Favorites.

* Detailed settings for tones, parts, and scenes can be controlled from the "Aerophone Pro Editor" app (iOS/Android).

System settings

Here you can make various settings for the Aerophone Pro unit itself.

The assignment and MIDI control settings are found in both the system and scene settings. You can set which setting to use from the "Asgn Src Breath"–"Asgn Src Key" parameters (p. 14) in the system settings.

> **What is SuperNATURAL sounds?**
>
> These are proprietary Roland sounds created using Behavior Modeling Technology, which enables natural and rich expression that was difficult to achieve on earlier sound generators.

About [SCENE CATEGORY] knob

Use [SCENE CATEGORY] knob to switch between preset scene categories, user scene banks, or favorite scenes. For details on how to edit each scene, refer to p. 9 and p. 10.

Playing the Internal Sounds (PRESET SCENE)

Here's how to select a preset scene (internal sounds). This unit contains sounds of 12 categories including synthesizer, wind instruments, and ethnic instruments.

1. Turn the [SCENE CATEGORY] knob to select the category of sound.

SCENE CATEGORY/
FAVORITE

2. Use the [SCENE] (▲/▼) buttons to select a scene.

| Category name (P: Preset, U: User) | Transpose | Battery indicator (shown only when using batteries) |

Prst Scene   -2(Bb)
P05 Woodwinds
01:Soprano Sax 1
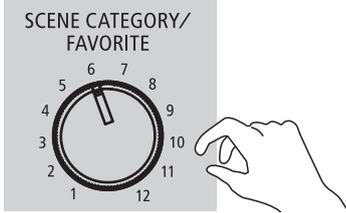
| Scene number | Scene name |
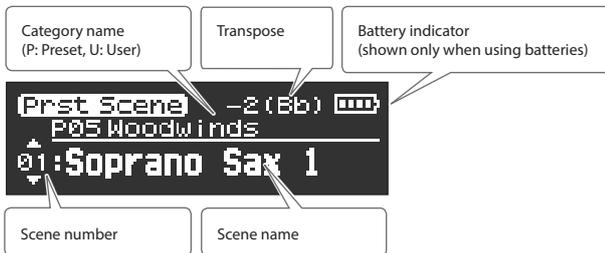
MEMO

If you long–press a [SCENE] (▲/▼) button, the scene switches consecutively, and stops at the beginning of the category.

No.	Category
1	Synth Hard Lead
2	Synth Soft Lead
3	Synth Pad/Strings
4	Synth Brass/Bass
5	Woodwinds
6	Brasswinds
7	Strings
8	Ethnic
9	Keyboard
10	Guitar/Bass
11	Vox/Choir
12	Percussion

Reference

For a list of scenes, refer to "Aerophone Pro Scene List" (PDF).

Editing the Sound to Your Taste (USER SCENE)

You can edit a preset scene (internal sound) and save it as a "user scene."

Editing the scene

Scene editing is done via the "Aerophone Pro Editor" app.

➡ "Using the Aerophone Pro with a Smartphone" (p. 11)
➡ "Aerophone Pro Parameter Guide" (PDF)

Storing a user scene

You can save one bank (50 scenes) in each position of the [SCENE CATEGORY] knob.

This means that you can save up to 600 user scenes.

SCENE CATEGORY/
FAVORITE
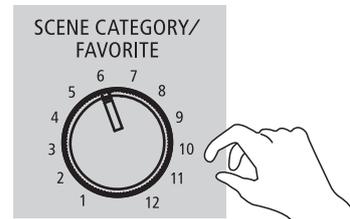
User bank	User scene
1–12	1–50

1. Long-press the [MENU] button.

"Write Scene" blinks.

Write Scene
◄ User   Favorite ►
[MENU] to Exit

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

2. Use the [-](◄) buttons to select "User."

User Scene Set
U01-01
◄ INIT SCENE   ►

3. Use the [SCENE CATEGORY] knob to select a user bank.

4. Use the [-][+] (◄/►) buttons to specify the user scene number in which you want to save the currently selected scene.

5. Press the [MENU] button.

A screen appears, allowing you to edit the name of the scene.

User Scene Set
Rename?
◄ NO   YES ►
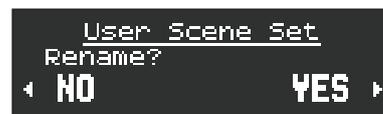
6. If you want to edit the name, press the [►] (YES) button.

[-][+] (◄/►) button	Moves cursor
[SCENE] (▲/▼) button	Change the character

English

日本語

Deutsch

Français

Italiano

Español

Português

Nederlands

Fingering Chart 運指表

[S1] button	Insert one character
[S2] button	Delete one character

```
    User Scene Set
Name
▮NIT SCENE
```

7. Press the [MENU] button.

A confirmation message appears.

```
    User Scene Set
Write OK?
◄ NO          YES ►
```
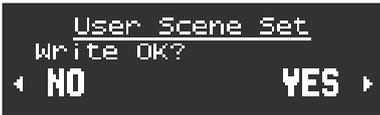
8. To write the scene, press the [+] (▶) button. If you decide not to write, press the [-] (◀) button.

After writing is completed, the user scene that you wrote is shown.

Selecting a user scene

1. While holding down the [SCENE](▼) button, turn the [SCENE CATEGORY] knob to select a user bank.

The User Scene screen appears.

```
User Scene    0(C )
  U01 User Bank 01
▲
01:Saw Lead 1
▼
```

2. Use the [SCENE] (▲/▼) buttons to select a user scene.

Clearing all user scenes

If you want to clear all of the user scenes that you saved, proceed as follows. When you clear the scenes, they return to the factory-set user scenes.

1. Press the [MENU] button.

The Menu screen appears.

2. Use the [-][+] (◀/▶) buttons to select "User Scene Clear," and press the [MENU] button.

A confirmation message appears.

```
Menu System   0(C )
  User Scene Clear
◄ NO          YES ►
```
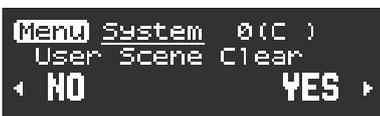
3. To clear the user scene, press the [+](▶) button. If you decide to cancel, press the [-](◀) button.

A confirmation message appears again.

```
   User Scene Clear
Are you REALLY sure?
◄Cancel   [MENU]=Exec
```

4. To execute, press the [MENU] button. If you decide to cancel, press the [-](◀) button.

The display indicates "Executing...," and all user scenes are cleared.

5. Once the message "Completed!" appears on screen, press the [MENU] button to return to the menu screen.

Instantly Recalling Sounds (FAVORITE SCENE)

You can register up to 12 of your favorite scenes (preset scenes or user scenes) for instant recall. These are called "favorite scenes." It is convenient to register scenes in the order in which you use them during your live performance, so that you can instantly recall the next scene when needed.

```
Favorite scene (example)
┌─────────┐   ┌─────────┐   ┌─────────┐        ┌─────────┐
│    1    │   │    2    │   │    3    │        │   12    │
│ Preset  │ ▶ │  User   │ ▶ │  User   │ ┅┅▶   │  User   │
│ scene   │   │ scene   │   │ scene   │        │ scene   │
│  7-1    │   │  1-3    │   │  2-4    │        │  5-5    │
└─────────┘   └─────────┘   └─────────┘        └─────────┘
```
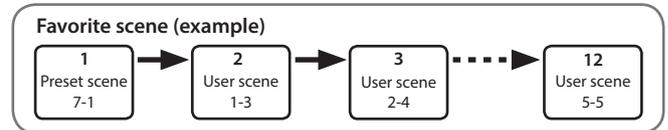
Registering a favorite scene

1. Long-press the [MENU] button.

"Write Scene" blinks.

```
Write Scene
◄ User   Favorite ►
    [MENU] to Exit
```

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

2. Use the [+](▶) buttons to select "Favorite."

```
    Favorite Set
Favorite 01
◄ Trumpet          ►
```

3. Use the [-][+] (◀/▶) buttons or [SCENE CATEGORY] knob to specify the favorite scene number in which you want to save the currently selected scene.

4. Press the [MENU] button.

A confirmation message appears.

```
    Favorite Set
Write OK?
◄ NO          YES ►
```

5. To write the scene, press the [+] (▶) button. If you decide not to write, press the [-] (◀) button.

After writing is completed, the scene that you wrote is shown.

Selecting a favorite scene

1. While holding down the [SCENE](▲) button, turn the [SCENE CATEGORY] knob.

The scenes registered in Favorites are selected.

MEMO

You can change the system settings to allow favorite scenes to be switched simply by turning the [SCENE CATEGORY] knob without having to hold down the [SCENE] knob.

➡ "Aerophone Pro Parameter Guide" (PDF)
  >Settings Used on this Instrument > System Parameters > Category Knob Mode > Favorite

Using the Aerophone Pro with a Computer or Smartphone

If you use Bluetooth to wirelessly connect the Aerophone Pro to a smartphone, tablet, or other mobile device (subsequently referred to as "smartphone"), you'll be able to perform along with a song that's being played back on the smartphone, and use the "Aerophone Pro Editor" app. If you use the included USB cable to connect this unit to a computer, you'll be able to transmit and receive MIDI and audio.

Using the Aerophone Pro with a Smartphone

Setting Procedure

Pairing

In order to wirelessly connect the Aerophone Pro to the smartphone via Bluetooth, you need to "pair" the unit with the smartphone so that the two devices can authenticate with each other.

As an example, we explain how to make settings for an iPhone.

The pairing process

Separate pairing is required for "Performing Along with a Song from Your Smartphone" and for "Using the Aerophone Pro with an App." Note that these processes are different.

Performing Along with a Song from Your Smartphone	Using the Aerophone Pro with an App
Settings on the Aerophone Pro	Settings on the smartphone
↓	↓
Settings on the smartphone	App · Settings on the App

Performing Along with a Song from Your Smartphone

* Bluetooth audio supports only input. Audio cannot be output to Bluetooth speakers or headphones.

* Once a smartphone has been paired with Aerophone Pro, there is no need to perform pairing again. Refer to "Connecting an already-paired smartphone" (p. 11).

Pairing with the smartphone

1. **Place the smartphone that you want to connect near Aerophone Pro.**

2. **Press the [MENU] button.**
   The Menu screen appears.

3. **Use the [-][+] (◄/►) buttons to select "BT Audio Pairing," and press the [MENU] button.**
   The cursor moves to the lower line, and the display indicates "Yes" "No."

   ```
   Menu System  0(C )
       BT Audio Pairing
   ◄ NO          YES ►
   ```

MEMO

If the Aerophone Pro's Bluetooth function is off, use MENU to turn "Bluetooth" to "On" (p. 14).

4. **Use the [+](►) button to select "Yes."**

   ```
   Menu System  0(C )
   ◄ BT Audio Pairing   ►
        Pairing...
   ```

   The Bluetooth LED blinks, and the Aerophone Pro waits for pairing.

5. **Turn on the Bluetooth function of your smartphone.**

   ```
   Bluetooth

   Bluetooth          ( ● )
   Now discoverable as ____
   DEVICES          →
   ```

6. **Tap "AE-30 AUDIO" that appears in the smartphone's Bluetooth "DEVICES" field.**
   Aerophone Pro and smartphone are paired. When pairing is completed, a display like the following appears.

Smartphone	"AE-30 AUDIO" is added to the "My devices" area, and shown as "Connected."
Aerophone Pro	The screen indicates "Connected." ```Menu System 0(C) ◄ BT Audio Pairing ► Connected```

Playing back songs from your smartphone

When you play back a song on the smartphone, the sound is heard from the Aerophone Pro's built-in speakers (or from headphones).

MEMO

Use your smartphone to adjust the volume of the song.

Connecting an already-paired smartphone

1. **Turn on the Bluetooth function of your smartphone.**
   Aerophone Pro and the smartphone are connected wirelessly.

* If the above step does not establish a connection, tap "AE-30 AUDIO" that are shown in the "DEVICES" field of the smartphone.

Using the Aerophone Pro with an App

You can connect the Aerophone Pro with the "Aerophone Pro Editor" app, and edit scenes (sounds) or perform remote control operations from the smartphone.

* Apps can be downloaded from the App Store (iOS) or from Google Play (Android).

As an example, we explain the settings when using "Aerophone Pro Editor" with an iPhone.

Pairing with the app

MEMO

If the Aerophone Pro's Bluetooth function is off, use MENU to turn "Bluetooth" to "On" (p. 14).

1. Turn on the Bluetooth function of your smartphone.

NOTE

Even if the "DEVICES" area shows the name of the product that you're using (e.g., AE-30), do not tap it. If you tapped this, temporarily cancel the device registration, and perform the procedure again from step 1.

2. Start the app "Aerophone Pro Editor" on your smartphone.

3. From your smartphone app "Aerophone Pro Editor," initiate pairing.

The Aerophone Pro is paired with the app. When pairing is completed, the app indicates "Connected to Aerophone."

Using the Aerophone Pro with Computer Software

You can connect the Aerophone Pro to a computer via the included USB cable, and record your performance as audio or MIDI using a DAW or other software on the computer, or play software synthesizers in a DAW from the Aerophone Pro.

* Do not use a USB cable that is designed only for charging a device. Charge-only cables cannot transmit data.
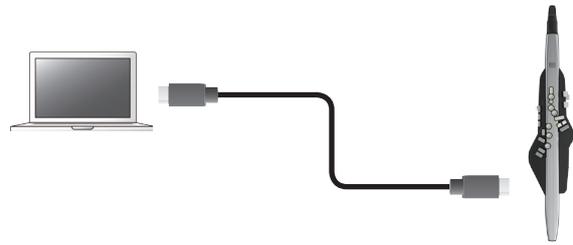
In order to connect the Aerophone Pro to a computer and send/receive MIDI or audio, you'll need to install the USB driver.

The USB driver is software that transfers data between the Aerophone Pro and the software such as DAW on your computer.

MEMO

For details on downloading and installing the USB driver, refer to the Roland website.

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

Making Settings in the Menu

Here's how to specify the details of the system, scene, assign, and MIDI control settings.

Making System Settings and Scene Settings

1. Press the [MENU] button.

The Menu screen appears.

Menu Type
System: System settings, Scene: Scene settings,
Assign: Assign settings, MIDI: MIDI control settings

```
Menu System  0(C )
Master Tuning      ▶
            440.0Hz
```

Menu item

Value
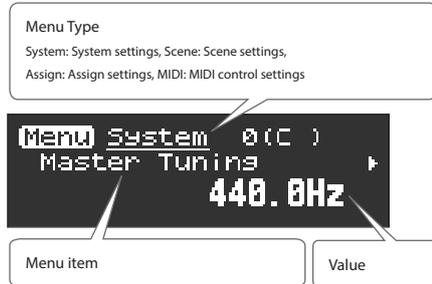
2. Use the [-][+] (◀/▶) buttons to select a menu item.

MEMO

Hold down the [-] [+] (◀/▶) buttons to make the menus change in series, stopping at the beginning of each menu type (System, Scene, Assign, MIDI).

3. Press the [MENU] button.

The cursor position moves to the lower line.

```
Menu System  0(C )
Master Tuning
◀           440.0Hz ▶
```

4. Use the [-][+] (◀/▶) buttons to change the value.

MEMO

- You can long-press the [MENU] button to move to the USER/FAVORITE registration screen.
- Press the [SCENE] button to return to the scene screen from the menu screen.

What is system settings and scene settings?

Menu settings contain system settings and scene settings.
- "System settings" are common to all scenes. These settings are saved automatically when you change them.
- "Scene settings" are the settings for each scene. Edited settings are not automatically saved. If you want to keep the settings, save them to a user scene.

➡ "Editing the Sound to Your Taste (USER SCENE)" (p. 9)

System Settings

System settings are common to all scenes.

➡ The following table explains part of the items in system settings. For a list of the items in system settings, refer to "Aerophone Pro Parameter Guide" (PDF).

Indication	Value	Explanation
Transpose Mode		Switches the operating mode for transpose.
	System	Turn the [TRANSPOSE] knob to transpose the sound in that amount.
		The transposition does not change even when you select a scene.
	Scene	The transposition will be as specified by the scene.
		* The value indicated by the [TRANSPOSE] knob might be different than the actual transposition.
		* Even if transposition is specified for the scene, turning the [TRANSPOSE] knob sets the transposition to the value of the knob.
Transpose Knob Mode		These parameters configure the functions for the [TRANSPOSE] knob.
	System Transpose	Specifies that the [TRANSPOSE] knob is used for the transpose function.
	Speaker Volume	Specifies that the [TRANSPOSE] knob is used for adjusting the volume of the built-in speakers.
	Output Volume	Specifies that the [TRANSPOSE] knob is used for adjusting the volume for headphones connected to the PHONES jack, or of the signal output from the OUTPUT jack.
	Speaker & Output	Specifies that the [TRANSPOSE] knob is used for simultaneously adjusting the volume of the built-in speakers and of headphones connected to the PHONES jack, as well as the signal output from the OUTPUT jack.
System Tranpose	-5 (G)–0 (C)–+6 (F#)	Sets the system transpose value.
Display Off Time	Always On, 3sec, 10sec, 30sec, 1–3min	Sets the time it takes for the display to turn off when the instrument is not being used.
		When set to "Always On," the display is always on.
		When you press the [SCENE] or [MENU] button while the display is off, the display turns back on.
Auto Off	Always On, 5min, 30min	Sets the time before the instrument automatically turns off.
		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).
		If you don't want the unit to turn off automatically, change this setting to "Always On."

Making Settings in the Menu

Indication	Value	Explanation
Output Volume	0–11	Specifies the volume that is output from the OUTPUT jack or from headphones connected to the PHONES jack.
Output Mode	Stereo, Mono	Sets whether the audio signal output from the PHONES or OUTPUT jack is outputted in stereo or in mono.
Breath Curve		Specifies how the sound responds to the force of your breath (breath sensitivity).
	L5–L1	We recommend these settings if you're a beginning wind instrument player. Fortissimo (ff) can be produced even by blowing relatively softly.
	M	This is the usual setting.
	H1–H5	We recommend these settings for experienced wind instrument players. Fortissimo (ff) is produced only when you blow quite strongly.
Bite Ctrl Mode		These parameters set how the bite sensor controls the sound.
	Off	Turns off the bite sensor control.
	Sax	Reducing the strength of your bite on the reed makes the pitch fall. **Weakening the strength of your bite on the reed lowers the pitch**
	E-Wind	Cyclically varying the strength of your bite on the reed applies vibrato. **Apply vibrato by repeatedly strengthening and weakening the strength of your bite on the reed**
Bend Range Source	System, Scene	Selects whether the bend range in system settings (System) or the bend range set in each scene (Scene) is used when operating the pitch bend.
Bend Range Mode		These parameters switch between bend range modes.
	Normal	Either the Bend Range Bite, Bend Range Motion or Bend Range Ctrl (whichever is larger) is used for the bend range. When you use both bite control and the thumb lever or other bend controls together, the bend range is limited to the maximum or minimum value and does not operate beyond this.
	Advance	Automatically calculates the bend range using the combination of Bend Range Bite, Bend Range Motion and Bend Range Ctrl.
Asgn Src Breath	System, Scene	Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameter that is assigned to the breath control.
Asgn Src Bite		Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameter that is assigned to the bite control.
Asgn Src Lever		Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameter that is assigned to the thumb lever.
Asgn Src Thumb Pad		Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameter that is assigned to the thumb pad.
Asgn Src Motion		Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameter that is assigned to the motion control.
Asgn Src S1/S2		Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameters assigned to the [S1]/[S2] buttons.
Asgn Src Key		Selects whether to use the system settings (System) or the settings in each scene (Scene) for the Assign or MIDI parameters assigned to the performance keys.
Harmony Source		Selects whether to use the system harmony settings (System) or the harmony settings in each scene (Scene).
Scene Shortcut	Off, On	This turns the shortcut function on/off, which is useful for switching between scenes. ➡ "Shortcut" (p. 22)
Bluetooth	Off, On	Turns the Bluetooth function on/off.
Bluetooth ID	Off, 1–9	If you are pairing with your smartphone in a location where there are multiple Aerophone Pro units, you can assign an ID to each unit. When you specify a Device ID, the specified number is added to the end of the device name that is shown on your smartphone or app. Example) "AE-30 AUDIO 1" "AE-30 1" etc. * To enable the ID that you set, turn this instrument's power off and then on.
BT Audio Pairing	(Pairing Start)	Perform the pairing to use Bluetooth audio. ➡ "Playing back songs from your smartphone" (p. 11)
MIDI Ctrl PC	Off, On	When the MIDI control mode is on, this switches the program change message output on/off.
MIDI Ctrl BS	Off, On	When the MIDI control mode is on, this switches the bank select (MSB, LSB) output on/off.
Key Delay	0–10	Sets the time it takes for the performance keys to actually produce sound when you play them. Unintended notes can be sounded due to inconsistent fingering when you press or release multiple keys simultaneously. The larger the value, the less likely it is for unintended notes to sound.

Indication	Value	Explanation	
Fingering Mode		Specifies the fingering mode.	
		➡ For details on fingering in each mode, refer to "Fingering Chart".	
	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
	Trumpet	Trumpet fingering	
		This mode is close to the fingering of a typical brass instrument. Right-hand keys 4, 5, and 6 correspond to pistons 1, 2, and 3 of a trumpet.	
	Left Hand	Fingering that lets you perform using only the left hand	
	Right Hand	Fingering that lets you perform using only the right hand	
	Flute	Flute fingering	
		This uses standard flute fingering, with the pitch range expanded by the below keys.	
		x, C1, C2, C3	Raise by a semitone
		p, B, C4, Tc, Ta	Lower by a semitone
		Bb	Lower by a whole tone
	Clarinet	Clarinet fingering	
		This uses standard clarinet fingering, with the pitch range expanded by the below keys.	
		C1	Raise by a semitone
		p, C5	Lower by a semitone
Factory Reset	–	The "Factory Reset" operation returns the system settings stored in the Aerophone Pro to their factory-set condition.	
		➡ "Restoring the Factory Settings" (p. 21)	

Scene Settings

These settings are for each individual scene.

* The following table explains about certain settings you can make on this instrument. For other settings, see the "Aerophone Pro Parameter Guide" (PDF).
  You can use the "Aerophone Pro Editor" app to configure all scene settings.

Indication	Value	Explanation
Scene Volume	0–127	Specifies the volume of each scene.
Scene Transpose	-5–0–+6	Specifies the transposition (pitch shift) of each scene.
		* If the system setting's transpose mode is "Scene," this transpose value is applied when you select the scene.
		* If, after selecting the scene, you operate the transpose knob, the transpose value of the knob is applied.
Scene Octave Shift	-3–0–+3	Specifies the octave shift setting of the scene.
All Effects Off	–	Turns off all effects (chorus, reverb, delay and MFX) set for the scene.
		To turn all effects off, press the [MENU] button and then press the [+] (▶) button.

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Fingering Chart
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MEMO

If you edit the scene settings and then select a different scene without saving the edited settings, the following message screen appears.

```
Scene is Edited
◄ Discard    Save ►
   [MENU] to Exit
```

If you want to switch scenes without saving, press the [-](◄) button. If you want to save the settings, press the [+](►) button.
If you decide to cancel, press the [MENU] button.

You can also prevent this screen from appearing.
➡ "Aerophone Pro Parameter Guide" (PDF)
   > Settings Used on this Instrument > System Parameters > Edit Confirm

Assigning Functions to Controllers (Assign)

You can assign functions to controllers such as the buttons and the thumb lever, and specify how the functions are controlled.
➡ For a list of the functions that you can assign, refer to "Aerophone Pro Parameter Guide" (PDF).

* The Assign parameters work when the settings in "Asgn Src" (assign source) of each controller of the system are set to "System." If Asgn Src is set to "Scene," each scene's assignment settings are used (p. 14).

1. Press the [MENU] button.

The Menu screen appears.

```
Menu System   0(C )
   Master Tuning        ►
         440.0Hz
```

2. Long-press a [–][+] (◄/►) button to select an "Assign" parameter.

```
Menu Assign   0(C )
◄ Breath_1 Func      ►
         CC 02
```

MEMO

If you long–press a [–][+] (◄/►) button, the menu type switches between System, Scene, Assign, and MIDI.

3. Press the [MENU] button.

The cursor position moves to the lower line.

```
Menu Assign   0(C )
   Breath_1 Func
◄        CC 02  ►
```

4. Use the [–][+] (◄/►) buttons to specify the upper/lower limits in which a continuously-operated controller will function, or the values when a switch-type controller is pressed/released.

MEMO

You can long-press the [MENU] button to move to the USER/FAVORITE registration screen.

Assigning a continuously-variable controller

For breath (the strength of your breath), bite (the strength at which you bite the reed), thumb lever, thumb pad, and motion specify the following parameters.

* Indications of "***" in the table will contain the following names. The first parameter for Breath is shown as "Breath_1", the second parameter for S1 is shown as "S1_2" and so on.
  Breath_1–8, BiteDn_1–4, BiteUp_1–4, LeverDn_1–2, LeverUp_1–2, ThumbPad_1–4, Motion_1–2

* For controllers whose Func parameter is "Off," their parameters related to the assign settings are not shown.

Parameter	Indication	Value	Explanation	
Assign Function	*** Func	➡ "Aerophone Pro Parameter Guide" (PDF)	Specify the function that is assigned to a continuously-operated controller.	
Input Min Value	*** In Min	0–127	Specify the minimum value (Min) and maximum value (Max) in which controller operations are effective.	➡ "Function assignment (continuous operation)" (p. 17)
Input Max Value	*** In Max			
Output Min Value	*** Out Min	0–127	Specify the minimum value (Min) and maximum value (Max) in which the assigned function operates.	
Output Max Value	*** Out Max			
Mode	*** Mode	Momentary, Latch	Specifies the operation mode.	
			Latch	Each operation switches between Output Min Value and Output Max Value.
				The switch occurs at the mid-point value between Input Min Value and Input Max Value.
			Momentary	The function operates like a graph (p. 17), according to how you operate the controller.
Curve	*** Curve	Specifies the operation curve when the operation mode is Momentary. 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		

Function assignment (continuous operation)

Making Settings in the Menu

Example 1

Example 2

* If Output Min is larger than Output Max, the Curve is vertically inverted.

Curve=1: Linear

Output Max Value = 127

Output Min Value = 0

Operation of function

Input Min Value = 0   Input Max Value = 127

Performer's action

Curve=2: Exp L

Output Min Value = 100

Output Max Value = 0

Operation of function

Input Min Value = 30   Input Max Value = 127

Performer's action

Assigning a switch-type controller

For the [S1] / [S2] buttons and the side keys, specify the following parameters.

* Indications of "***" in the table will contain the following names.
  S1_1–2, S2_1–2, X_1–2, C1_1–2, C2_1–2, C3_1–2, C4_1–2, C5_1–2, Tc_1–2, Ta_1–2

* For controllers whose Func parameter is "Off," their parameters related to the assign settings are not shown.

Parameter	Indication	Value	Explanation	
Assign Function	*** Func	➡ "Aerophone Pro Parameter Guide" (PDF)	Specifies the function that is assigned when each controller is pressed.	
Release Value	*** Release Val	0–127	Specify the value when you take your finger off the button (Release) and the value when you press the button (Press).	
Press Value	*** Press Val			
Mode	*** Mode	Momentary, Latch	Specifies the operation mode.	
			Latch	Each time you press the button, the Press Value and Release Value alternate.
			Momentary	The Press Value is applied while the button is pressed, and the Release Value is applied while the button is released.

Assigning MIDI Control to a Controller (MIDI Control)

You can assign a MIDI control function to each controller, and specify how control occurs.

* As with Assign, the MIDI control parameters work when the settings in "Asgn Src" (assign source) of each controller of the system are set to "System." If Asgn Src is set to "Scene," each scene's MIDI control settings are used (p. 14).

What is MIDI Control mode?

Use this when you want to control an external sound module from the Aerophone Pro, or to use the Aerophone Pro with a DAW or other software. Use the [MIDI CONTROL] switch to turn MIDI control mode on/off.

MIDI control mode lets you do the following.
- To each controller, assign a MIDI control function that is separate from controlling the internal sound engine
  * When MIDI control mode is off, MIDI data used to control the internal sound engine is outputted.
- When a scene is selected, transmit the MIDI messages that are assigned to the scene

If the system setting "MIDI Ctrl Sound" is on, you can play the Aerophone Pro's own sound engine while controlling an external MIDI device. If "MIDI Ctrl Sound" is off, the Aerophone Pro's own sound engine does not produce sound when in MIDI control mode.
➡ Aerophone Pro Parameter Guide" (PDF)

---

1. Press the [MENU] button.

The Menu screen appears.

```
Menu System   0(C )
 Master Tuning      ▶
           440.0Hz
```

2. Long-press a [−][+] (◀/▶) button to select an "MIDI" parameter.

```
Menu MIDI    0(C )
◀ BiteDn_1 Func     ▶
           Bend Down
```

MEMO

If you long–press a [−][+] (◀/▶) button, the menu type switches between System, Scene, Assign, and MIDI.

3. Press the [MENU] button.

The cursor position moves to the lower line.

```
Menu MIDI    0(C )
 BiteDn_1 Func
◀     Bend Down    ▶
```

4. Use the [−][+] (◀/▶) buttons to specify the upper/lower limits in which a continuously-operated controller will function, or the values when a switch-type controller is pressed/released.

MEMO

You can long-press the [MENU] button to move to the USER/FAVORITE registration screen.

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Assigning a continuously-variable controller

For breath (the strength of your breath), bite (the strength at which you bite the reed), thumb lever, thumb pad, and motion specify the following parameters.

* Indications of "***" in the table will contain the following names.
  Breath_1–8, BiteDn_1–4, BiteUp_1–4, LeverDn_1–2, LeverUp_1–2, ThumbPad_1–4, Motion_1–2

* For controllers whose Func parameter is "Off," their parameters related to the assign settings are not shown.

Parameter	Indication	Value	Explanation	
Assign Function	*** Func	➡ "Aerophone Pro Parameter Guide" (PDF)	Specify the function that is assigned to a continuously-operated controller.	
Input Min Value	*** In Min	0–127	Specify the minimum value (Min) and maximum value (Max) in which controller operations are effective.	➡ "Function assignment (continuous operation)" (p. 17)
Input Max Value	*** In Max			
Output Min Value	*** Out Min	0–127	Specify the minimum value (Min) and maximum value (Max) in which the assigned function operates.	
Output Max Value	*** Out Max			
Mode	*** Mode	Momentary, Latch	Specifies the operation mode.	
			Latch	Each operation switches between Output Min Value and Output Max Value. The switch occurs at the mid-point value between Input Min Value and Input Max Value.
			Momentary	The function operates like a graph (p. 17), according to how you operate the controller.
Curve	*** Curve	Specifies the operation curve when the operation mode is Momentary.		

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

Assigning a switch-type controller

For the [S1] / [S2] buttons and the side keys, specify the following parameters.

* Indications of "***" in the table will contain the following names.
  S1_1–2, S2_1–2, X_1–2, C1_1–2, C2_1–2, C3_1–2, C4_1–2, C5_1–2, Tc_1–2, Ta_1–2

* For controllers whose Func parameter is "Off," their parameters related to the assign settings are not shown.

Parameter	Indication	Value	Explanation	
Assign Function	*** Func	➡ "Aerophone Pro Parameter Guide" (PDF)	Assign the function that is output via MIDI when you operate each controller.	
Release Value	*** Release Val	0–127	Specify the value when you take your finger off the button (Release) and the value when you press the button (Press).	
Press Value	*** Press Val			
Mode	*** Mode	Momentary, Latch	Specifies the operation mode.	
			Latch	Each time you press the button, the Press Value and Release Value alternate.
			Momentary	The Press Value is applied while the button is pressed, and the Release Value is applied while the button is released.

Disabling the Auto-Off Function

The Aerophone Pro automatically powers-off after a certain length of time has elapsed since you stopped playing or operating it. You can specify that the power does not turn off automatically, or you can change the time until the power turns off automatically.

1. Press the [MENU] button.

The Menu screen appears.

2. Use the [-][+] (◄/►) buttons to select "Auto Off," and press the [MENU] button.

The cursor position moves to the lower line.

```
Menu System  0(C )
  Auto Off
◄            30min
```

3. Use the [-][+] (◄/►) buttons to change the value.

Value	Explanation
30min	The power automatically turns off 30 minutes after you stopped playing or operating the unit.
5min	The power automatically turns off 5 minutes after you stopped playing or operating the unit.
Always On	The power does not turn off automatically.

Restoring the Factory Settings

The "Factory Reset" operation returns all settings stored in the Aerophone Pro to their factory-set condition.

MEMO

Performing this operation does not erase the scenes that are stored in the user scenes. If you want to erase all scenes that are stored in the user scenes, refer to "Clearing all user scenes" (p. 10).

1. Press the [MENU] button.

The Menu screen appears.

2. Use the [-][+] (◄/►) buttons to select "Factory Reset," and press the [MENU] button.

A confirmation message appears.

```
Menu System  0(C )
  Factory Reset
◄ NO         YES ►
```
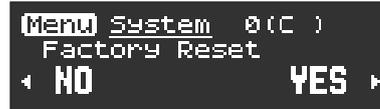
3. To execute factory reset, press the [+](►) button. If you decide to cancel, press the [-](◄) button.

A confirmation message appears again.

```
   Factory Reset
Are you REALLY sure?
◄Cancel  [MENU]=Exec
```

4. To execute, press the [MENU] button. If you decide to cancel, press the [-](◄) button.

The display indicates "Executing...," and the factory reset operation will be executed.

```
   Factory Reset
  Executing...
```

5. Turn the power off, then on again.

Operation with a MIDI Foot Controller

If a MIDI foot controller (sold separately) is connected to the MIDI IN connector, you can operate the pedals to control various functions, such as switching scenes.

MIDI IN connector

MIDI foot controller
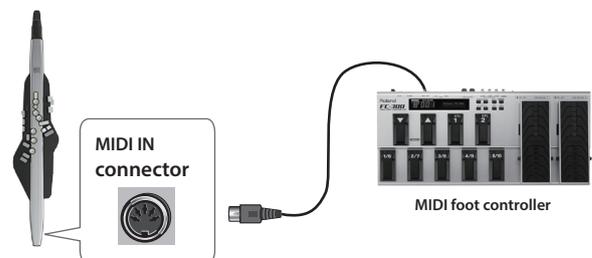
➡ For details on the functions that can be operated using a MIDI foot controller, refer to "Aerophone Pro Parameter Guide" (PDF).

Appendix

Shortcut

Button	Explanation
Hold down [◀] and press [▶]	Decrease the value rapidly
Hold down [▶]and press [◀]	Increase the value rapidly
[SCENE] (▲) or (▼) + Performance Key [E♭]	Decrement the scene number * Enabled when "Scene Shortcut" (p. 14) in system settings is On
[SCENE] (▲) or (▼) + Performance Key [C]	Increment the scene number * Enabled when "Scene Shortcut" (p. 14) in system settings is On

[SCENE] (▲/▼) buttons

Decrement the scene number
Increment the scene number
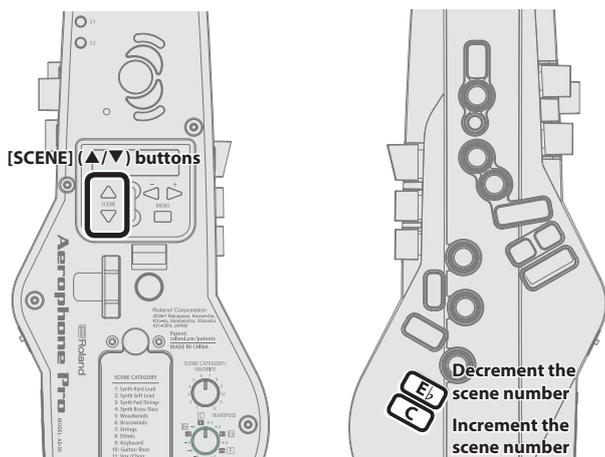
Instantly Recalling a User Scene

User scenes U01-01–U01-08 can be recalled instantly by holding down the [SCENE] (▲) or (▼) button and pressing one of the [1]–[8] performance keys.

This is a convenient way to switch scenes during a live performance.
* Enabled when "Scene Shortcut" (p. 14) in system settings is On.

[SCENE] (▲/▼) buttons
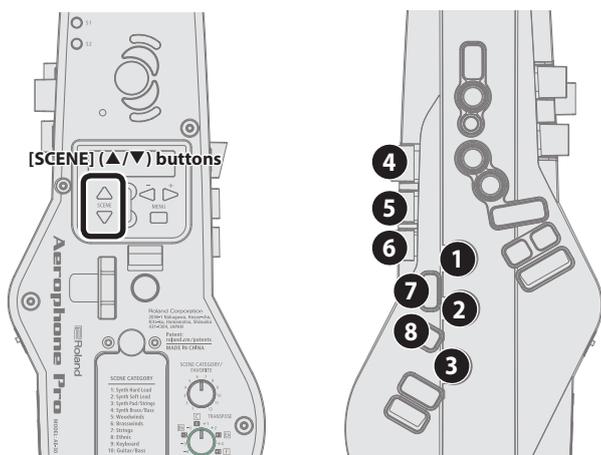
Caring for the Aerophone Pro

1. If the mouthpiece becomes soiled from playing, remove the mouthpiece, wash it with water.

2. Use a soft cloth to dry off any water droplets.

3. When attaching the mouthpiece, insert it so that there is no gap between it and the body of the main unit.

* Applying commercially available recorder cream makes attachment and removal easier.

> **NOTE**
> - Take care that the front and back of the mouthpiece are oriented correctly. If you insert it in the wrong orientation, it might become impossible to remove.
> - Take care not to hurt your hand on the screw that's inside the mouthpiece.

4. Lean the Aerophone Pro against a wall or other vertical surface, so that any saliva inside the instrument can drain out.

When you lean the instrument against a wall or other vertical surface with the mouthpiece upward, any saliva inside will exit from the water drain. Wipe it off with a soft cloth.

> **NOTE**
> To remove saliva, place the Aerophone Pro upright so that it exits the water drain. Using any other method, such as pointing the mouthpiece downward, might cause malfunctions.

Troubleshooting

If you suspect a malfunction, please check the following points. If this does not resolve the problem, contact a nearby Roland Service Center.

Troubles	Items to check	Action	Page
Troubles with sound			
No sound / Insufficient volume	If using batteries, are the batteries oriented correctly?	Install the batteries in the correct orientation.	p. 6
	Is the Aerophone Pro correctly connected to the amplified speaker or headphones?	Connect amplified speakers to the Aerophone Pro's OUTPUT jack or headphones to the Aerophone Pro's PHONES jack.	p. 5
		If you're connecting an amplified speaker, connect to the amplified speaker's input jack.	–
	Could an audio cable of headphones or amplified speaker be broken?	Try using a different cable.	–
	If sound is not output from the amplified speaker that's connected, is sound output when you connect headphones?	If sound is being output, either the connection cable of the amplified speaker is broken, or there is a malfunction in the amplified speaker that's connected. Check the connected device and cable.	–
	Could the Aerophone Pro's volume be lowered?	Adjust the volume to an appropriate level.	p. 6
	Could the volume of the connected amplified speaker be lowered?	Adjust the volume to an appropriate level.	–
	Could the volume be lowered on the smartphone etc. that's connected via Bluetooth?	Raise the volume of your smartphone.	–
Noise is heard in the sound	Could you be using alkaline batteries or carbon-zinc batteries?	Use Ni-MH batteries.	–
Unintended sound is heard	If multiple keys are pressed or released simultaneously, inconsistent fingering might cause unintended sounds to be produced.	Set the key delay. ➡ "Aerophone Pro Parameter Guide" (PDF)	
Can't use bite control successfully	Is the mouthpiece inserted all the way?	If the mouthpiece is not inserted all the way, bite control might not work. Insert the mouthpiece so that there is no gap between it and the body of the main unit.	–
Can't use breath control successfully	Could water droplets have accumulated inside the Aerophone Pro? If water droplets accumulate inside the unit, breath control might not work.	Lean this unit against a wall so that any internal moisture can drain out.	p. 22
Troubles with USB			
Can't communicate with a computer	Is the USB cable connected correctly?	Check the connections.	p. 5
Troubles with MIDI			
No sound from an external MIDI device	Is the MIDI channel set correctly?	Set the MIDI channels of the Aerophone Pro and external MIDI device to the same setting. ➡ "Aerophone Pro Parameter Guide" (PDF) >Scene parameters > SCENE/CONTROL (MIDI) > Tx Channel	
No sound when connected via MIDI to an external device	Are breath control and expression messages being transmitted?	If these messages are not transmitted, you may not hear any sound even if the instrument sends note messages.	–
Other troubles			
Can't charge the batteries	Could the AC adaptor be connected with batteries installed in the Aerophone Pro?	The Aerophone Pro cannot charge rechargeable batteries. Use a commercially available charger to charge the batteries.	–

English
日本語
Deutsch
Français
Italiano
Español
Português
Nederlands
Fingering Chart 運指表

Troubles with Bluetooth functionality

Troubles	Items to check	Action	Page
"AE-30" is not shown on your smartphone	Could this unit's Bluetooth function be "Off"?	Turn this unit's Bluetooth function "On." [MENU] → [-][+] "Bluetooth" → [MENU] → [-][+] "On" **Bluetooth audio function:** When you initiate pairing ([MENU] → [-][+] "BT Audio Pairing" → [MENU] → [-][+] "Yes"), the device name "AE-30 AUDIO" appears on your smartphone. **Bluetooth MIDI function:** Initiate pairing from the settings of the app "Aerophone Pro Editor."	p. 14 p. 11 p. 12
Can't connect to Bluetooth audio	If your smartphone's Bluetooth device list shows "AE-30 AUDIO"	In your smartphone's settings, temporarily remove the registration of the "AE-30 AUDIO" Bluetooth device, turn the Bluetooth function off and then on again, and execute pairing once again.	–
	If your smartphone's Bluetooth device list does not show "AE-30 AUDIO"	In your smartphone's settings, turn the Bluetooth function off and then on again, and then initiate pairing from the Aerophone Pro to pair it once again.	–
Can't connect to Bluetooth MIDI	For the Bluetooth MIDI function, you'll execute pairing not via the Bluetooth settings of your smartphone, but by using the settings within the app "Aerophone Pro Editor." Even if your smartphone's Bluetooth device list shows "AE-30," do not tap it. If you tapped it by mistake, cancel "AE-30," turn the Bluetooth function off and then on again, and make the connection again.		–
A paired smartphone does not connect	If connection occurs but is immediately broken, turning the smartphone's Bluetooth function off and then on again might make connection succeed.		

Fingering Chart / 運指表

Sax / サックス

Recorder / リコーダー

The side keys are disabled so that the note does not change even if you inadvertently press the left or right side key.

左右のサイド・キーを誤って押しても音が切り替わらないように、サイド・キーが無効になっています。

Electronic Wind / 電子吹奏楽器

1, 2, 3, 4, 5, 6, C	The same "C D E F G A B C" fingering as a standard sax or recorder / 一般的なサックスやリコーダーの「ドレミファソラシド」と同じ運指
Tc, G#, C#	Raise by a semitone / 半音上げる
Ta, Tf, Eb, B	Lower by a semitone / 半音下げ
Bb	Lower by a whole tone / 1音下げ

A3 A#/B♭3 B3 C4 C#/D♭4 D4 D#/E♭4 E4

F4 F#/G♭4 G4 G#/A♭4 A4 A#/B♭4 B4 C5

C#/D♭5 D5 D#/E♭5 E5 F5 F#/G♭5 G5

Trumpet / トランペット

Right-hand keys 4, 5, and 6 correspond to pistons 1, 2, and 3 of a trumpet.
右手の4、5、6キーがトランペットの1、2、3ピストンに対応します。

Fingering Chart / 運指表

Left Hand / 左手

Fingering that lets you perform using only the left hand.
左手のみで演奏できる運指です。

Right Hand / 右手

Fingering that lets you perform using only the right hand.
右手のみで演奏できる運指です。

Flute / フルート

Flute fingering.
フルートに対応した運指です。

x, C1, C2, C3	Raise by a semitone / 半音上げる
p, B, C4, Tc, Ta	Lower by a semitone / 半音下げる
Bb	Lower by a whole tone / 1音下げる

F♯5/G♭5

G5

G♯5/A♭5

A5

A♯5/B♭5

B5

C6

Clarinet / クラリネット

Clarinet fingering.
クラリネットに対応した運指です。

C1	Raise by a semitone / 半音上げる
p, C5	Lower by a semitone / 半音下げる

MEMO