DIGITAL PIANO

FP-10

Reference Manual

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⌾Roland

Key	Value	Function
C8	Disabled	**Making the power automatically turn off after a time ➡ p. 4**
	240 minutes	
	30 minutes	
	10 minutes	
	Off	**Bluetooth On/Off**
C7	On	
	+1	**Transposing the pitch (Transpose) ➡ p. 8**
	Default	
	-1	
	442.0 Hz	**Matching the pitch with other instruments (Master tuning) ➡ p. 7**
	+0.1 Hz	
C6	440.0 Hz	
	-0.1 Hz	
	Super heavy	**Changing the keyboard playing feel (Key touch) ➡ p. 7**
	Heavy	
	Medium	
	Light	
	Super light	
	Fix	
	Individual	**Dividing the keyboard in two (Twin piano) ➡ p. 7**
	Pair	
C5	Off	
	+1	**Adjusting the brightness of the sound (Brilliance) ➡ p. 6**
	Default	
	-1	
	+1	**Adding reverberation to the sound (Ambience) ➡ p. 6**
	Default	
	-1	
	+	**Changing the metronome volume ➡ p. 5**
	Default	
	-	
	+	**Changing the beat ➡ p. 5**
C4	Default	
	-	
	+10	**Changing the tempo ➡ p. 5**
	+1	
	120	
	-1	
	-10	
	On/Off	**Starting/stopping the metronome ➡ p. 5**
	Next song	**Switching to a different song ➡ p. 6**
	First song	
	Previous song	
	All song	**Playing/stopping an internal song ➡ p. 6**
C3	One song	
	Listening	**Selecting a category ➡ p. 6**
	Tone demo	
	Jazz Scat	
	Synth Pad	
	Strings 2	
C2	Strings 1	
	Church Organ 1	
	Jazz Organ 1	
	Vibraphone	
	Harpsichord 2	**Selecting tones ➡ p. 5**
	Harpsichord 1	
	E. Piano 2	
	E. Piano 1	
	Grand Piano 4	
	Grand Piano 3	
	Grand Piano 2	
C1	Grand Piano 1	

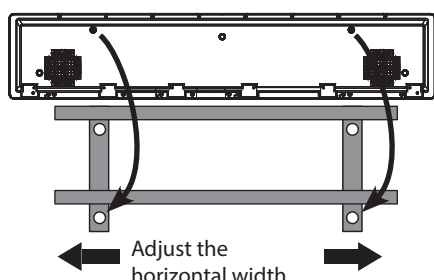① ② +

Hold down

Bluetooth®
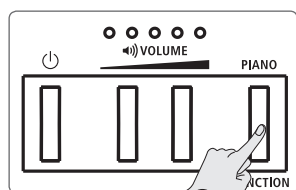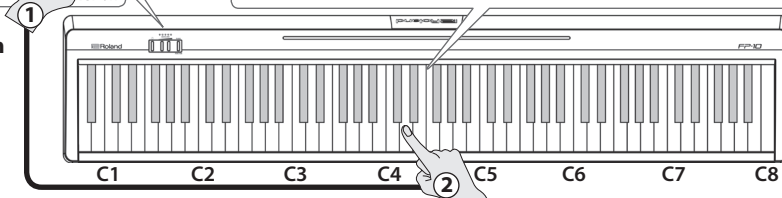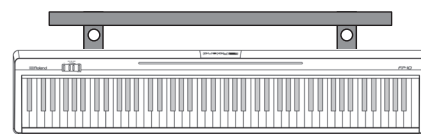
Before You Play

Placing the FP-10 on a Stand

If you want to place the FP-10 on a stand, use the Roland KSCFP10 (refer to the KSCFP10 Owner's Manual) or KS-12.

Be careful not to pinch your fingers when setting up the stand.

KS-12

Bottom

Fit the rubber feet on the bottom into the indentations of the stand

Adjust the horizontal width

Note when placing the FP-10 on a stand

Be sure to follow the instructions in the Owner's Manual carefully when placing this unit on a stand.

If it is not set up properly, you risk creating an unstable situation which could lead to the unit falling or the stand toppling, and may result in injury.
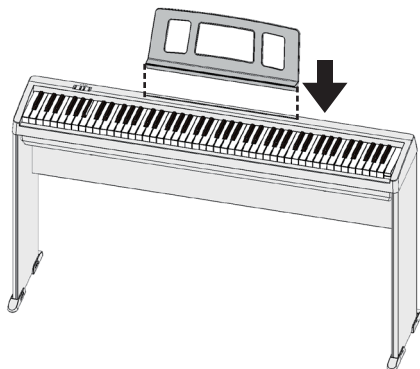
Beware of overturning!

To prevent the FP-10 from overturning, do not apply excessive force to it, and never sit or stand on it.

Attaching the Music Rest

Insert the music rest into the slit on the top of the FP-10.

Connecting Equipment (Rear Panel)

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

USB FOR UPDATE Port

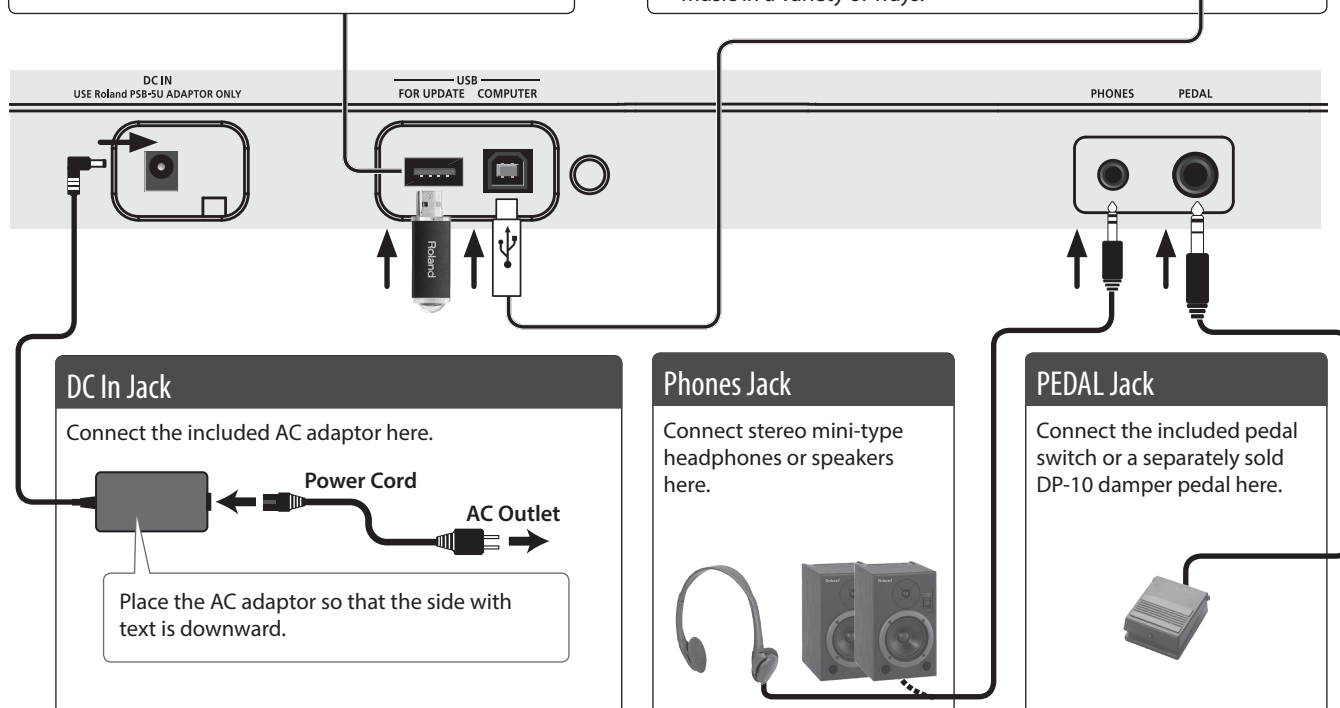This connector will be used if there are future additions or expansions to the FP-10's functionality.

* Never insert or remove the USB flash drive while this unit is turned on. Doing so may corrupt the unit's data or the data on the USB flash drive.

USB COMPUTER Port

If you have a DAW program on your computer, or if you have SMF data, you can use a commercially available USB cable to connect the FP-10's USB COMPUTER port to the USB port of your computer and do the following.

(DAW: music production software (sold separately), SMF: song files)

* SMF data played back on your DAW can be sounded by the FP-10.

* MIDI data can be transferred between the FP-10 and your DAW, letting you produce and edit music in a variety of ways.

DC IN
USE Roland PSB-5U ADAPTOR ONLY

USB
FOR UPDATE   COMPUTER

PHONES   PEDAL

DC In Jack

Connect the included AC adaptor here.

Power Cord

AC Outlet

Place the AC adaptor so that the side with text is downward.

Phones Jack

Connect stereo mini-type headphones or speakers here.

PEDAL Jack

Connect the included pedal switch or a separately sold DP-10 damper pedal here.

Turning the Power On/Off

Press the [⏻] (power) button to turn on the power.

If you hold down the [⏻] (power) button for one second or longer, the power turns off.
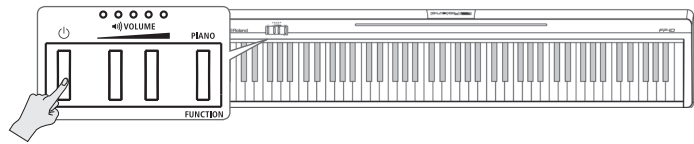
Making the Power Automatically Turn Off After a Time (Auto Off)

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.
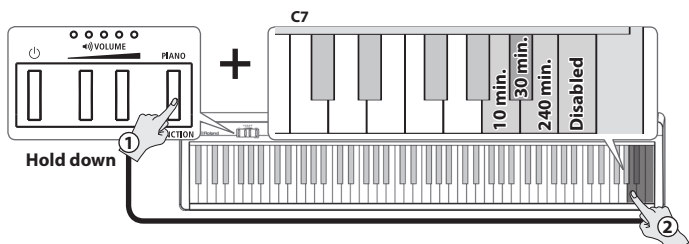
Auto off	10 minutes, 30 minutes, 240 minutes, Disabled (stay on) (default: 30 minutes)

- Unsaved data is lost when the power turns off. Before turning the power off, save the data that you want to keep (p. 9).
- To restore power, turn the power on again.

Adjusting the Volume

Use the two [VOLUME] buttons to adjust the volume.

[VOLUME] (right) button	Increases the volume.
[VOLUME] (left) button	Decreases the volume.
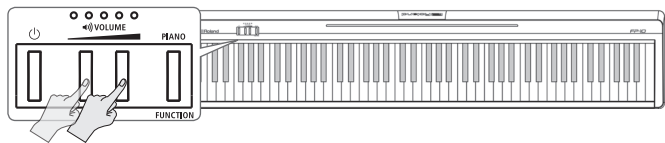
You can adjust the speaker volume when using the built-in speakers, or the headphones volume when headphones are connected.

* The number of indicators lit above the [VOLUME] buttons changes according to the volume setting. If all indicators are lit, the volume is at its maximum. If all indicators are unlit, there will be no sound.

# Making Settings on the FP-10

Selecting Tones

Hold down
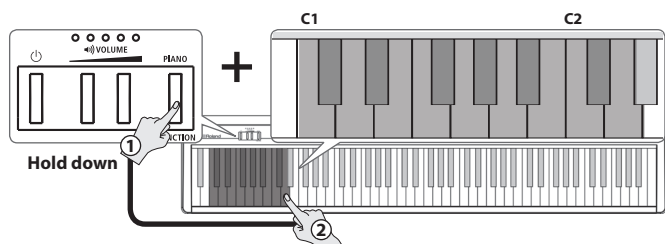
Key	Tone name
C1	Grand Piano 1
C#1	Grand Piano 2
D1	Grand Piano 3
D#1	Grand Piano 4
E1	E. Piano 1
F1	E. Piano 2
F#1	Harpsichord 1
G1	Harpsichord 2
G#1	Vibraphone
A1	Jazz Organ 1
A#1	Church Organ 1
B1	Strings 1
C2	Strings 2
C#2	Synth Pad
D2	Jazz Scat

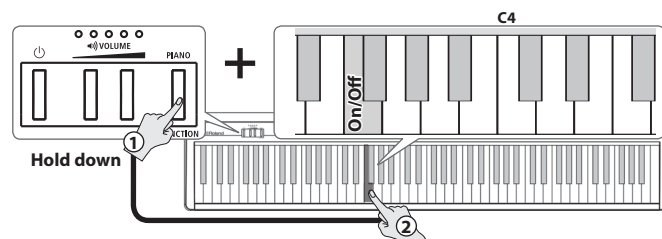- Press two keys simultaneously to play two sounds as a layer. This feature is called "Dual Play."

Hold down
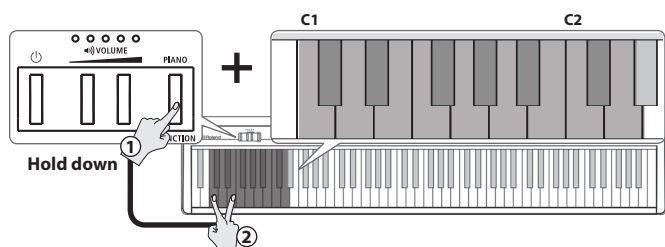
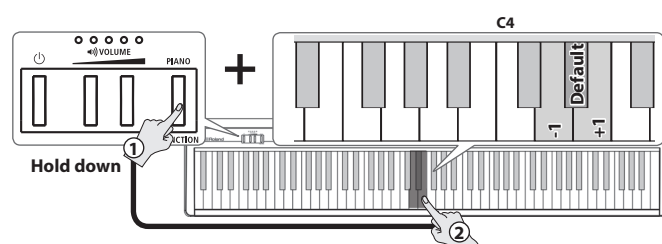- Pressing the [PIANO] ([FUNCTION]) button selects Grand Piano 1.
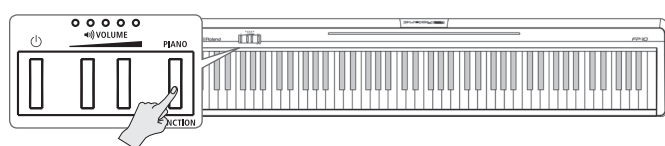
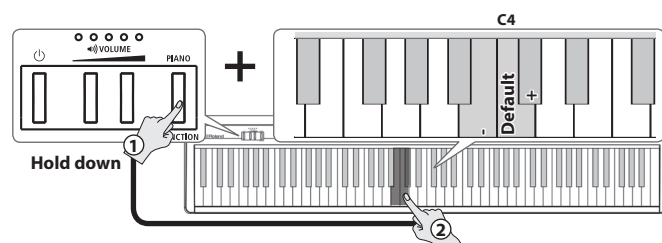## Starting the Metronome

Turning On/Off the Metronome

Hold down

Changing the Metronome Volume

Hold down

Metronome volume	1–10 (default: 5)

Changing the Beat

Hold down
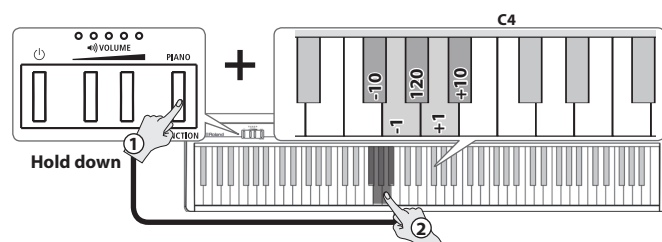
Beat	0/4 (*1), 2/2, 3/2, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 8/8, 9/8, 12/8 (default: 0/4)

*1 When the metronome is sounded, all beats are heard with the same sound.
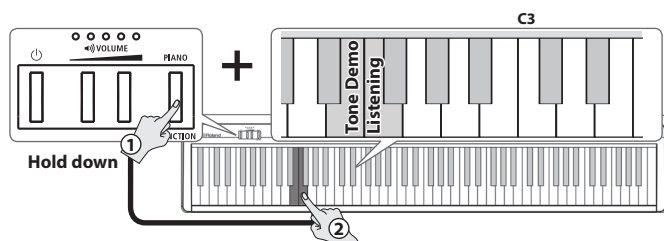
Changing the Tempo

Hold down

Tempo	10–500

Playing an Internal Song

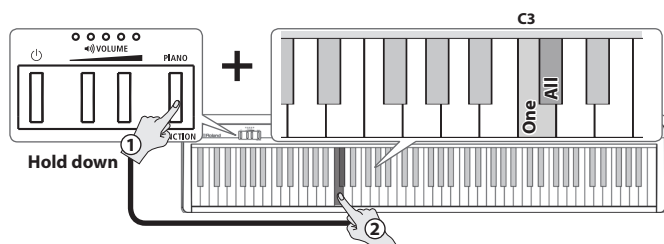## Playing/Stopping an Internal Song

1. Selects a category.

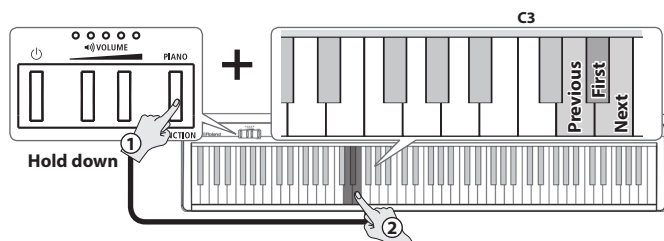| Category	Listening, Tone Demo (*1) (default: Listening)

*1   Demo songs expressing the character of the tones are built-in.

2. Play all songs in the selected category, or play just one song.

When you hold down the [FUNCTION] button and press the same key once again, playback stops.

Switching to a Different Song

### When a song of the "Tone Demo" category is selected

You can also switch to a different song by selecting a different tone (p. 5, hold down the [FUNCTION] button and press one of the C1–D2 keys).

Adjusting the Reverberation of the Sound (Ambience)

The reverberation that is characteristic of a performance in a concert hall can be added to the sound.

When do I use this?

- When you want to customize the reverberation
- When you want reverberation that's appropriate for your performing environment
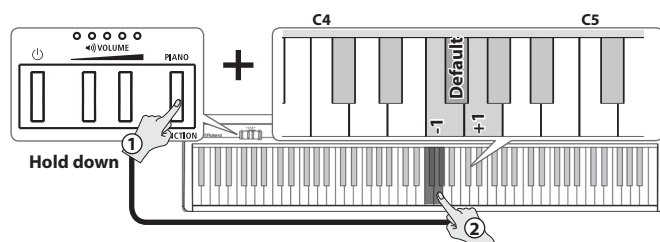
Ambience	0–10 (default: 2)

Adjusting the Brightness of the Sound (Brilliance)

You can adjust the brightness of the sound when you play the keyboard or when you play back a song.

When do I use this?

- When you want to customize the brightness of the sound
- When you want the brightness of the sound to be appropriate for your performing environment
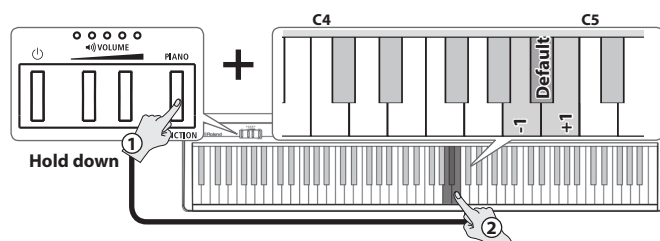
| Brilliance	-10–10 (default: 0)

Dividing the Keyboard in Two (Twin Piano)

You can divide the keyboard into left and right sections so that two people can play the same pitch ranges. This function lets you use the unit as though it were two pianos.

When do I use this?

When you want to play along with your teacher's model performance

Hold down
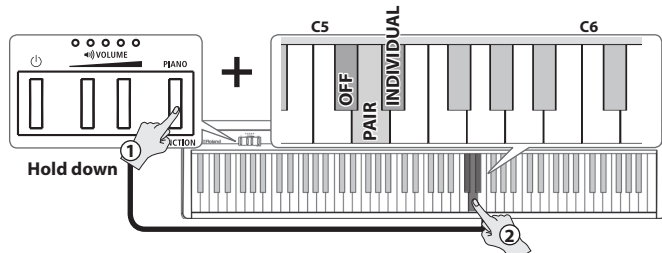
The keyboard will be divided into left and right sections, with "middle C" located in the center of each section.
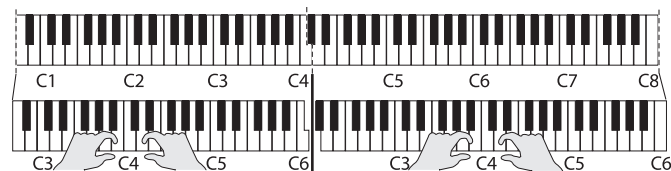
You can choose one of the following ways in which the sound will be heard.

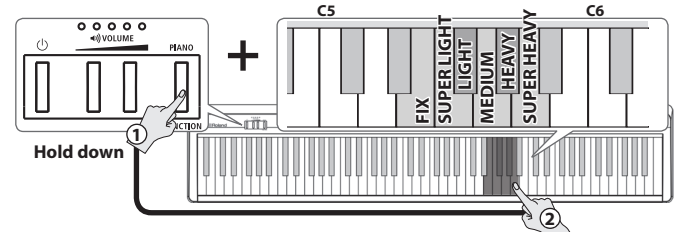| Value	Explanation
OFF (default)	Clears the setting that divides the keyboard into two sections.
PAIR	The sound of the right area will be heard more loudly from the right speaker, and the sound of the left area will be heard more loudly from the left speaker.
INDIVIDUAL	The sound of the right area will be heard from the right speaker, and notes played in the left area will be heard from the left speaker.

* The left and right sections will have the same tone (Grand Piano 1).

* The damper pedal affects only the right section of the keyboard.

Changing the Keyboard Playing Feel (Key Touch)

You can change the playing feel of the keyboard.

When do I use this?

When you want to adjust the playing feel to the strength of the player's hands

Hold down

Setting	Explanation
SUPER HEAVY	An even heavier setting than "HEAVY."
HEAVY	You have to finger the keyboard more forcefully than "MEDIUM" in order to play fortissimo (ff), so the keyboard touch feels heavier.
MEDIUM (default)	Sets the keyboard to the standard touch.
LIGHT	You can achieve fortissimo (ff) play with a less forceful touch than "MEDIUM" so the keyboard feels lighter.
SUPER LIGHT	An even lighter setting than "LIGHT."
FIX	The sound plays at one set volume, regardless of the force used to play the keys.

Matching the Pitch with Other Instruments (Master Tuning)

When playing ensemble with other instruments and in other such instances, you can match the standard pitch to another instrument.

Hold down
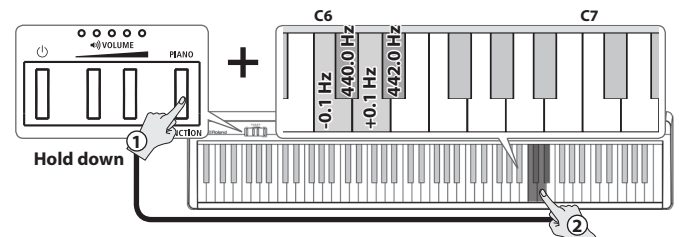
The standard pitch generally refers to the pitch of the note that's played when you finger the middle A key. For a cleaner ensemble sound while performing with one or more other instruments, ensure that each instrument's standard pitch is in tune with that of the other instruments. This tuning of all the instruments to a standard pitch is called "master tuning."

| Master tuning	415.3–466.2 Hz (default: 440.0 Hz)

Changing the Key of the Keyboard (Transpose)

The keyboard can be transposed in semitone steps.

When do I use this?

- When you want to perform at a pitch that's comfortable for the singer's voice, without changing the printed score (your fingering on the keyboard)

- When you want to transpose a song that's written in a difficult key (with numerous sharps (♯) or flats (♭)) to make it easier for you to play

For example if a song is in the key of E major but you want to play it using the fingering of the C major scale, you would set the keyboard transpose setting to "4."

If you play **C E G** → It will sound **E G♯ B**
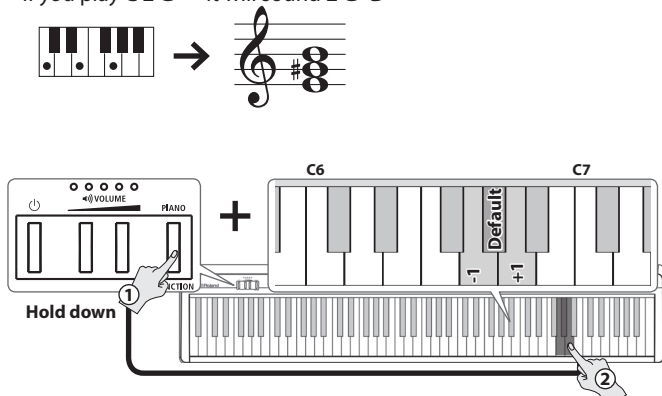
Transpose	-6–5 (default: 0)

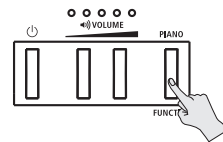# Hearing Sound from the Built-in Speakers and the External Speakers

With the factory settings, the built-in speakers do not produce sound if the external amplifiered speakers are connected to the PHONES jack. However, you can change this setting so that sound is output from the built-in speakers even if the external speakers are connected to the PHONES jack.

* When you change the setting, the character from the external speakers will change.

1. While holding down the [VOLUME] (left) and [VOLUME] (right) buttons, press the [FUNCTION] button.
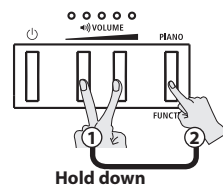
2. Press the [FUNCTION] button to change the setting.

When the external speaker are connected to the PHONES jack	VOLUME indicators
Sound is output only from the external speakers	○ ○ ○ ○ ◐ VOLUME
Sound is output from both the external speakers and the built-in speakers	◐ ● ● ● ● VOLUME

3. To complete the operation, press the [VOLUME] (left) button or [VOLUME] (right) button.
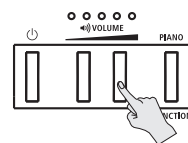
VOLUME indicator status

● Unlit   ○ Lit   ◐ Blinking

Saving the Settings (Memory Backup)

When this unit's power is turned off, it will return to its default settings. However, if desired, you can save the following settings so that they will be remembered even after the power is off. This is called the "Memory Backup" function.

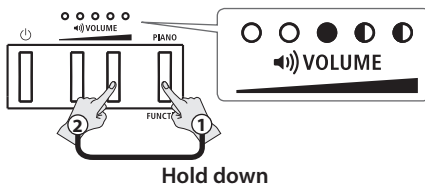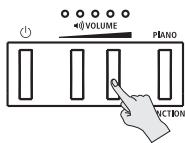| Settings saved by Memory Backup	Page
Metronome (Volume)	p. 5
Ambience	p. 6
Brilliance	p. 6
Key Touch	p. 7
Master Tuning	p. 7
Hearing sound from the built-in speakers and the external speakers	p. 8

1. **Hold down the [FUNCTION] button and press the [VOLUME] (right) button.**

Hold down

2. **To save the setting, press the [VOLUME] (right) button.**

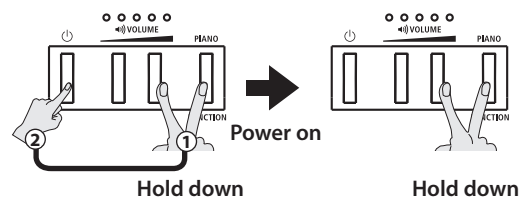To cancel, press the [VOLUME] (left) button or the [FUNCTION] button.

Restoring the Factory Settings (Factory Reset)

The settings you've changed in the function mode can be restored to their factory-set condition.

NOTE

> When you execute a factory reset, all settings will be initialized.

1. **Power-off the FP-10.**

2. **While holding down the [VOLUME] (right) button and the [FUNCTION] button, press the [⏻] (power) button, and continue holding down the [VOLUME] (right) button and the [FUNCTION] button.**

Power on

Hold down   **Hold down**

3. **When the VOLUME indicators show as follows, release the [VOLUME] (right) button and the [FUNCTION] button.**
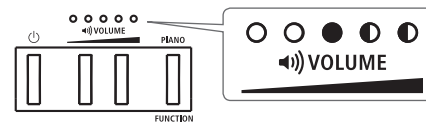
4. **To execute the factory reset, press the [VOLUME] (right) button.**
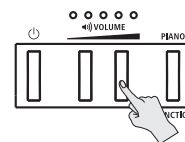
To cancel, press the [VOLUME] (left) button or the [FUNCTION] button.

While the factory reset is being executed, the VOLUME indicators show as follows. Do not turn off the power in this state.

When the factory reset is completed, the indicators show as follows.

5. **Turn the power off, then on again.**

VOLUME indicator status
● Unlit   ○ Lit   ◑ Blinking

Connect an App on a Mobile Device

If you install an app on your smartphone, tablet, or other mobile device, and connect it via **Bluetooth**, you can use the app to view the status of the FP-10 on the large screen of your mobile device, and use the app to operate the FP-10.

If the Bluetooth function is able to connect, the [FUNCTION] button is lit.

Here, we explain initial settings that let you use the Piano Partner 2 app to enjoy your FP-10.
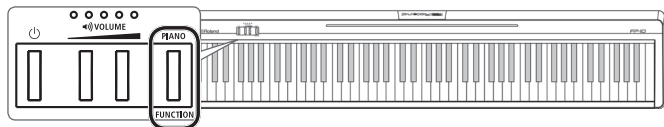
As an example, we'll explain the settings when using an iPad.

If you're using an Android device, refer to the owner's manual of your device for details on how to make settings for its Bluetooth functionality.

Connecting to Piano Partner 2

Piano Partner 2 is an app made by Roland that supports iOS and Android.

You can connect your iPad or other tablet to the FP-10 to enjoy your piano even more.

It can display musical scores of the FP-10's internal songs, and lets you enjoyably boost your musical abilities through ear-training games. Since it can take advantage of your tablet's large screen, it's easy to operate.

For details, refer to the following URL.

http://roland.cm/pianopartner2

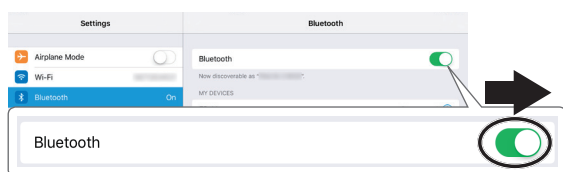**1.** **Turn off the Bluetooth function of your mobile device.**
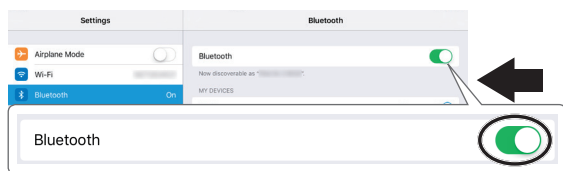
2. **Place the mobile device in which you've installed Piano Partner 2 near the FP-10.**

MEMO

If you have more than one unit of this model, power-on only the unit that you want to pair (power-off the other units).

3. **Power-on the FP-10.**

4. **Turn on the Bluetooth function of your mobile device.**

5. **Start the Piano Partner 2 app that you installed on your mobile device.**

* The first time that you start Piano Partner 2, make sure that your mobile device is able to connect to the internet. If it can't connect to the internet, these settings can't be completed.

6. **Tap the gear icon in the upper right of the screen.**
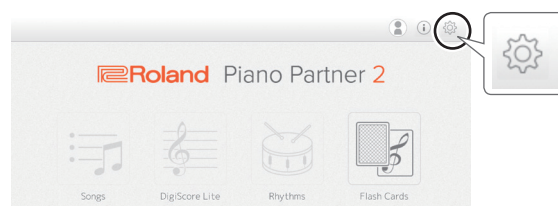
The "SETTINGS" screen opens.

7. **Tap the box "Bluetooth MIDI Device."**

SETTINGS	
Bluetooth MIDI Device	Bluetooth MIDI Device
Connection	▾
Initialize App Settings	Initialize
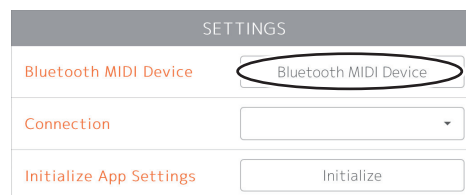
8. **When "FP-10" appears in the "Bluetooth MIDI Devices" screen, tap it.**

Bluetooth MIDI Devices   Edit

BLUETOOTH MIDI DEVICES

     Offline
Input / Output

FP-10   Not Connected
Input / Output
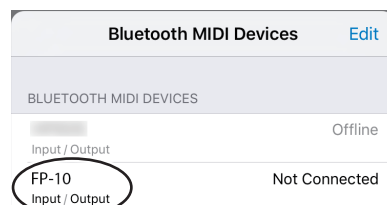
If "Bluetooth Pairing Request" appears, tap "Pair."

Bluetooth Pairing Request
"FP-10" would like to pair with your iPad.

Cancel   Pair
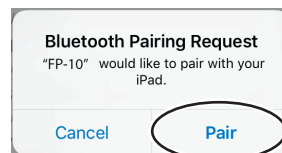
When pairing is successful, the FP-10's internal song data and other data is downloaded via the internet to your mobile device.

* If your mobile device can't connect to the internet, this cannot be completed.

When the screen indicates "Connected," the settings are complete.

FP-10   Connected
Input / Output
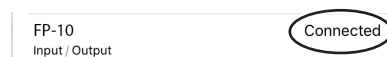
9. **Tap outside the "Bluetooth MIDI Devices" screen to close it, and tap outside the "SETTINGS" screen to close it.**

If You Can't Connect via Bluetooth

- **If you're using Android 6.0 or later, you turn on Android's location information.**
- **Make the settings again as described below.**

❶ Exit all apps on your mobile device.

Double-click the home button, and swipe up on the app screen.
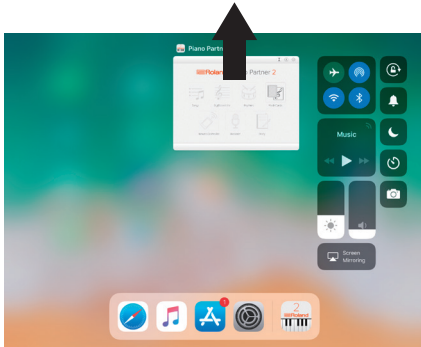
❷ If already paired, cancel pairing, and turn off the Bluetooth function.

1. **In the mobile device's screen, tap the "i" located beside "connected," and tap "Forget This Device."**
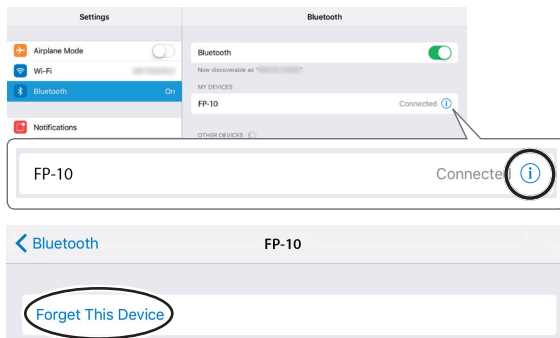
2. **Turn the Bluetooth switch off.**
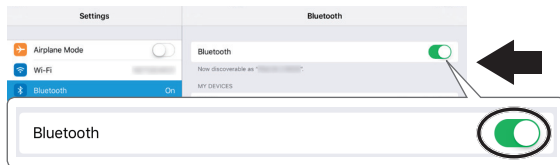
❸ Make the connection again as described in "Connecting to Piano Partner 2" (p. 10).

If you are still unable to connect with the app, access the following URL and find your nearest Roland Service Center or authorized Roland distributor in your country.

http://roland.cm/service

Troubleshooting

Problem	Items to check	Action	Page
Even though you're using headphones to mute the sound, the keystrokes make a clattering sound when you play the keyboard	The keyboard of this piano is designed to simulate the mechanism of an acoustic piano. Even on an acoustic piano, the keystrokes produce sound when you play the keyboard. This is not a malfunction.		–
Power turns off on its own	Could the auto-off setting be something other than "Disabled"?	If you don't need the power to turn off automatically, turn the Auto Off setting "Disabled."	p. 4
Power does not turn on	Is the AC adaptor connected correctly?		–
Pedal does not work, or is "stuck"	Is the pedal connected correctly?		–
	Could you have disconnected or connected the pedal cord while the power was on?	Power-off the unit before you connect or disconnect the pedal cord.	–
	Could Twin Piano be set to "PAIR" or "INDIVIDUAL"?		p. 7
	If Twin Piano is set to "PAIR" or "INDIVIDUAL," the damper pedal works only for the right-hand side of the keyboard.		
"Buzz" is heard from external devices	Are the external devices connected to more than one AC power outlet?	If you connect external devices, be sure to connect them to the same AC outlet.	–
No sound	Are your amp, speakers, headphones, etc., connected correctly?		p. 3
	Is the volume turned down?		p. 4
	Could headphones or an adaptor plug be inserted in the PHONES jacks?		p. 3
	Sound is not output if you've made settings so that sound is not output from the internal speakers.		p. 8
Sound is output even though headphones are connected to the PHONES jack	Could you have made settings so that sound is output from the internal speakers?		p. 8
Notes don't sound right			
Pitch of the keyboard or song is incorrect	Could you have made Transpose settings?		p. 8
	Is the Master Tune setting appropriate?		p. 7
Notes are interrupted	Could you be holding down the damper pedal and sounding a large number of notes?		–
	Could you be using Dual Play or playing along with a song?		
Sounds are heard twice (doubled) when the keyboard is played	Is the unit in Dual Play?	Hold down the [FUNCTION] button and press the C1 key to disable Dual Play.	p. 5
	Could the unit be connected to an external sequencer?	If you don't want the other sound module to produce sound, turn your DAW's soft thru function "off."	–
Reverberation remains even if you defeat the Ambience effect	Even if the Ambience effect is off, the acoustic piano's own resonance remains.		p. 6
The sound of the higher notes suddenly changes from a certain key	This simulates the characteristics of an acoustic piano, and is not a malfunction.		–
	The sound will change where there is a change in the number of strings per key or a transition from wound strings to unwound strings.		
High-pitched ringing is heard	If you don't hear it through headphones: It may be that the unit has malfunctioned. Please contact your dealer or a Roland customer service center.		p. 6
	If you also hear it through headphones: To decrease the metallic ringing, adjust the "Ambience" settings.		
Low notes sound wrong, or are buzzy	Could the volume be set to maximum?	Lower the volume.	p. 4
	If you also hear it through headphones: It may be that the unit has malfunctioned. Please contact your dealer or a Roland customer service center.		–
	If you don't hear it through headphones: Objects near the unit are resonating because of the high volume of sound coming from the speakers. You can take the following measures to minimize resonances. • Locate the speakers 10–15 cm (4–6 inch) away from walls or other surfaces. • Keep the volume down. • Move away from the objects that are resonating.		

Internal Song List

Category: Listening

No.	Song Title	Composer
1	Barcarolle	Fryderyk Franciszek Chopin
2	Zhavoronok	Mikhail Ivanovich Glinka, Arranged by Mily Alexeyevich Balakirev
3	Valse, op.34-1	Fryderyk Franciszek Chopin
4	Polonaise op.53	Fryderyk Franciszek Chopin
5	Nocturne No.20	Fryderyk Franciszek Chopin
6	Die Forelle	Franz Peter Schubert, Arranged by Franz Liszt
7	Reflets dans l'Eau	Claude Achille Debussy
8	La Fille aux Cheveux de Lin	Claude Achille Debussy
9	La Campanella	Franz Liszt
10	Scherzo No.2	Fryderyk Franciszek Chopin
11	Liebesträume 3	Franz Liszt
12	Étude, op.10-3	Fryderyk Franciszek Chopin
13	Je te veux	Erik Satie
14	Fantaisie-Impromptu	Fryderyk Franciszek Chopin
15	Clair de Lune	Claude Achille Debussy
16	Nocturne No.2	Fryderyk Franciszek Chopin
17	Für Elise	Ludwig van Beethoven

Category: Tone demo

Demo songs expressing the character of the tones are built-in (p. 5).

No.	Tone demo songs
1	Grand Piano 1
2	Grand Piano 2
3	Grand Piano 3
4	Grand Piano 4
5	E.Piano 1
6	E.Piano 2
7	Harpsichord 1
8	Harpsichord 2
9	Vibraphone
10	Jazz Organ 1
11	Church Organ 1
12	Strings 1
13	Strings 2
14	Synth Pad
15	Jazz Scat

Main Specifications

Roland FP-10: Digital Piano

Sound generator	Piano Sound: SuperNATURAL Piano Sound	
Keyboard	88 keys (PHA-4 Standard Keyboard: with Escapement and Ivory Feel)	
Power Supply	AC adaptor	
Power Consumption	4 W (3–6 W)	
	4 W	Average power consumption while piano is played with volume at center position
	3 W	Power consumption immediately after power-up; nothing being played
	6 W	Rated power consumption
Dimensions	With music rest detached	1,284 (W) x 258 (D) x 140 (H) mm 50-9/16 (W) x 10-3/16 (D) x 5-9/16 (H) inches
	With music rest	1,284 (W) x 298 (D) x 324 (H) mm 50-9/16 (W) x 11-3/4 (D) x 12-13/16 (H) inches
	With music rest and dedicated stand KSCFP10	1,284 (W) x 298 (D) x 929 (H) mm 50-9/16 (W) x 11-3/4 (D) x 36-5/8 (H) inches
	Without music rest and dedicated stand KSCFP10, Stabilizers mounted	1,292 (W) x 343 (D) x 745 (H) mm 50-7/8 (W) x 13-9/16 (D) x 29-3/8 (H) inches
Weight	With music rest detached	12.3 kg 27 lbs 2 oz
	With music rest and dedicated stand KSCFP10	19.7 kg 43 lbs 7 oz
Accessories	Owner's Manual, Music Rest, AC Adaptor, Power Cord (for connecting AC Adaptor), Pedal switch	
Options (Sold Separately)	Dedicated Stand (KSCFP10), Keyboard Stand (KS-12), Damper Pedal (DP-10), Carrying Bag (CB-88RL, CB-76RL), Headphones	

* 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.