KAWAI

DIGITAL PIANO
ES120

Owner's Manual

EN

Important Safety Instructions

Be sure to read these Safety Precautions carefully before using this instrument to ensure correct use.

When using this electronic musical instrument, please observe the following precautions for safety.
When this instrument is used by small children, please ensure safe use under the supervision of a parent.

Warnings, cautions, and symbols have the following meanings.

⚠	denotes that care (precaution) should be taken.
⊘	denotes a prohibited operation (an operation that must not be done).

❗	denotes an instruction (an operation that should be carried out) or indicative notice.

⚠ WARNING Describes a potential hazard that could result in death or serious injury if the indication is ignored and this instrument is handled incorrectly.

Doing so may cause a electric shock, fire, injury fall, damage, or breakdown .

❗ **The product should be connected to an AC outlet of the specified voltage.**

❗ **The included power cord and AC adaptor are only for use with this instrument.**

❗ **Do not forcibly bend, place a heavy object on, bring a high-temperature object close to, or damage the power cord and AC adapter cord.**

❗ **Do not bring the AC adaptor close to a hightemperature object or use in a manner that heat accumulates.**

❗ **If dust accumulates on the power plug, wipe it clean with a cloth.**

❗ **When any of the following cases occur, this instrument may have broken down. In such a case, do not use this instrument, keep the power cord disconnected from the outlet, and contact the shop from which the product was purchased.**

1. Foreign objects fell into the instrument.
2. Water was spilled into the instrument.
3. Some parts of the instrument or accessory became abnormally hot.
4. Unusual smell or smoke occurred.

Do not disassemble

Do not disassemble, repair, or modify this instrument.

When disconnecting the power cord plug, always hold the plug and pull out.

Disconnect the power cord during lightning storms or when this instrument is unused for long periods of time.

Should an abnormality occur in this instrument, immediately turn the power off and disconnect the power plug from the outlet.

No wet hands

Do not insert or pull out the power plug with wet hands.

No water

Do not get this instrument wet.

CAUTION Describes a potential hazard that could result in injury or damage to property if the indication is ignored and this instrument is handled incorrectly.

Doing so may cause a fall, damage, breakdown, injury, Health damage.

Keep the power cord plug in a state where it can be disconnected from the outlet easily.

This instrument is not completely shut-off from the power supply even when the power switch is turned off.
To shut-off completely, disconnect the power plug from the outlet.

Do not put any part of your body under the music stand or pedals.

Do not stand on, hang down from, or push this instrument.

When moving this instrument, always lift in a horizontal direction by two or more people.

Piano should be placed in a location such that its position does not affect its own ventilation. Keep a minimum distance of 5 cm around the instrument for sufficient ventilation.

Do not use anything other than our optional stand.

Do not run around this instrument.

Do not drop this instrument or apply a large impact.

When using the headphones, do not listen for long periods of time at high volume levels.

Do not use this instrument in the following areas.

1. Areas where the floor is unstable and the instrument becomes wobbly.
2. Areas that become wet.
3. Extremely hot or cold areas.
4. Extremely humid or dry areas.
5. Areas where the instrument is exposed to direct sunlight, such as those near a window.
6. Areas where a large amount of sand or dust is present.
7. Areas where the instrument is exposed to excessive vibrations.

Règles de sécurité (Supplémentairespour le Canada)

Exemples de symboles graphiques

Indique que des précautions doivent être prises.

Indique une manipulation interdite.

Indique qu'une manipulation doit être effectuée.

AVERTISSEMENT

Indique un risque potentiel qui peut entraîner la mort, ou de graves lésions, si l'appareil n'est pas manipulé correctement.

Doing so may cause a electric shock, fire, injury fall, damage, or breakdown .

Faite attention de ne pas introduire un produit étranger à l'intérieur de l'appareil.

Ne jamais placer sur le produit des objets contenant des liquides, tels que des vases ou autres recipients..

Ce produit n'est pas totalement déconnecté du circuit électrique lorsqu'il est mis hors tension par le bouton d'arrêt.
Si l'appareil ne doit pas être utilisé pendant une longue période, débranchez le câble d'alimentation de la prise secteur.

Il est recommandé de placer l'instrument à proximité de la prise de courant et de positionner le câble d'alimentation secteur de sorte qu'il puisse être débranché rapidement en cas d'urgence, le courant électrique étant toujours présent tant que la prise est branchée même si le bouton de mise en marche est en position Arrêt.

PRECAUTION

Indique un risque potentiel qui peut entraîner la détérioration, ou des dommages, pour l'appareil ou ses propriétés, si celui-ci n'est pas manipulé correctement.

Description de la l'emplacement de la reference (Le cas échéant):
Anglais phrase: The nameplate label is located on the underside of the instruments, as indicated below.
Français phrase: La reference commerciale est inscrite sur une etiquette en dessous de votre instrument, conformement a l'indication ci-dessous.

Votre piano doit être placé à un endroit tel que sa position n'altère pas sa propre ventilation. Gardez une distance minimum de 5 cm autour de l'instrument pour une aération suffisante.

Notes on Repair

Should an abnormality occur in the product, immediately turn the power OFF, disconnect the power cord plug, and then contact the shop from which the product was purchased.

An information on Disposal for users

If your product is marked with this recycling symbol it means that, at the end of its life, you must dispose of it separately by taking it to an appropriate collection point.You should not mix it with general household waste. Disposing of this product correctly will prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

For further details, please contact your local authority. (European Union only)

FCC Information (U.S.A)

Caution :

Changes or modifications not expressly approved by KAWAI could void the user's authority to operate the equipment.

Note :

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Supplier's Declaration of Conformity

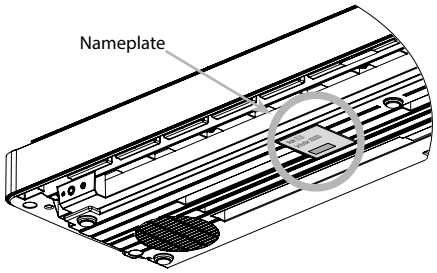
Products :	Electronic Piano
Model Number :	ES120
Responsible Party Name :	Kawai America Corporation
Address :	2055 East University Drive Rancho Dominguez, CA 90220
Telephone :	310-631-1771

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This applies only to products distributed by Kawai America Corporation.

Nameplate location

The nameplate label is located on the underside of the instrument, as indicated below.



Introduction

Thank you for purchasing this Kawai digital piano.
Please read this owner's manual carefully and keep the manual in a safe place to make full use of this product and maximise its product life.

About this owner's manual

This owner's manual contains quick references for basic playback features and operation details for various functions.

Nameplate

The information, including model name and serial number, is specified on the nameplate located on the underside of the instrument.

Intellectual property rights

- The **Bluetooth®** word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Kawai Musical Instruments Mfg. Co., Ltd. is under license.
- "Windows" is a registered trademark of Microsoft Corporation.
- "Mac" is a registered trademark of Apple Inc.
- Some samples © PREMIER Engineering Inc.

About tuning

This piano is a digital instrument and does not require tuning.
If any aspect of this instrument does not function or perform as expected, please contact the store from where the instrument was purchased to seek assistance.

Symbols

[ ]	The characters enclosed in brackets [ ] indicate the names of sliders, buttons, ports or jacks.
	This symbol shows the location of the button to be operated, and the number in this symbol indicates the order of operation. The value in this symbol corresponds to the number describing the operating instructions.
	This symbol indicates operating precautions.
	This symbol describes terminology and provides information on options.
	This symbol indicates the page to be referenced.

Cleaning

- Use a dry soft cloth to wipe the main body.
- Avoid using alcohol, benzene, thinner, or chlorine bleach. Doing so may result in discoloration or deformation of the keys, exterior, or panels.
- Depending on the material of the cloth used, wiping the product repeatedly may result in discoloration or deformation.
- If the pedals become dirty, do not attempt to clean them with rust-removing solvents, abrasives, or files.

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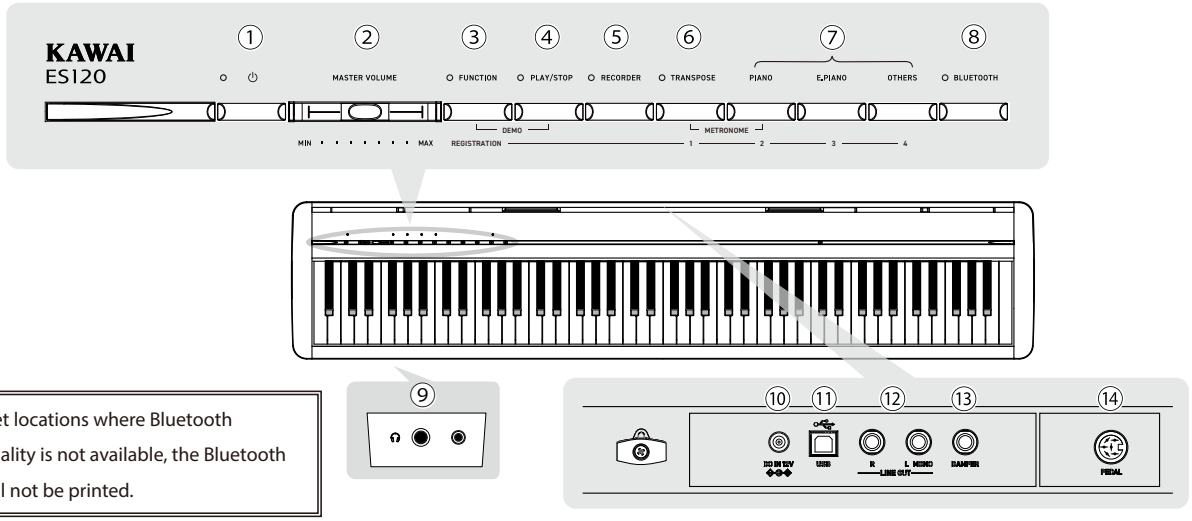
For more information on MIDI and its operation details, please download the supplementary PDF manual from the Kawai Global website:
https://www.kawai-global.com/support/manual/

Part Names and Functions



In market locations where Bluetooth functionality is not available, the Bluetooth mark will not be printed.

① [POWER] button

This button is used to turn the power on/off. Be sure to turn off the instrument after playing.

② [MASTER VOLUME] slider

This slider controls the volume output from the built-in speakers, headphones, or LINE OUT connectors.

③ [FUNCTION] button

This button is used to set various settings and registration memories.

④ [PLAY/STOP] button

This button is used to play/stop recorded performances and Internal Songs.

⑤ [RECORDER] button

This button is used to record the performance.

⑥ [TRANSPOSE] button

This button is used to set Transpose and Tuning.

⑦ SOUND buttons

These buttons are used to select sounds.
[PIANO], [E.PIANO], and [OTHERS] buttons are available.

⑧ [BLUETOOTH] button

This button is used to turn on and off Bluetooth.

⑨ [PHONES] jacks

These jacks are used to connect stereo headphones to the instrument, allowing headphones with a stereo mini phone plug and headphones with a stereo standard plug to be connected at the same time.

⑩ [DC IN] jack

This jack is used to connect the AC adaptor.

⑪ [USB to HOST] port

This port is used to connect the instrument to a computer using a USB "B to A" type cable in order to send and receive MIDI data.

⑫ [LINE OUT] jacks

These jacks are used to connect other external devices (amplifier, stereo system) to listen to the instrument's sound, or to record to audio devices.

⑬ [DAMPER] connector

This connector is used to connect the supplied dumper pedal or optional dumper pedal.

⑭ [PEDAL] connector

This connector is used to connect the optional triple pedal.

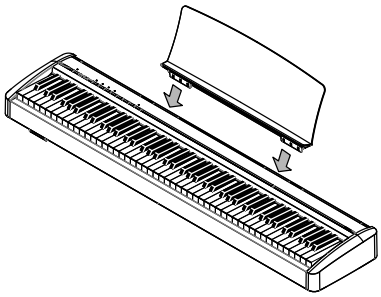
The following stand and pedals are optionally available.
- Single pedal: F-10H (for the [DAMPER] connector)
- Triple pedal: GFP-3 (for the [PEDAL] connector)
- Stand: HML-2
- Triple pedal and pedal unit for HML-2: F-351

See the details at the following URL.
https://www.kawai-global.com/support/

P28 Connecting to Other Devices

Music Rest

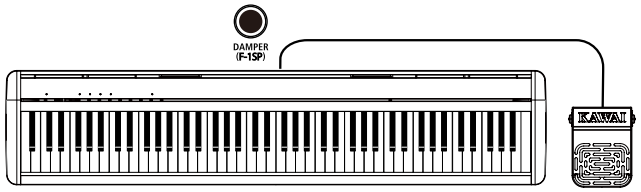
Insert the music rest into the grooves cut on the top surface of the piano along the rear edge.
Do not apply excessive force when attaching and detaching the music rest to prevent damage.



Connecting the pedal

Connect the supplied pedal to the [DAMPER] connector on the rear panel of the main body.
The sound sustains even after hands are lifted from the keyboard.

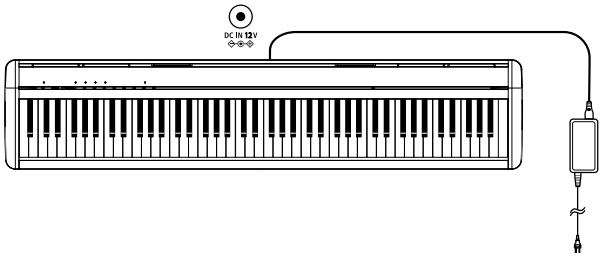
The length of sustain can be controlled by the level of pedal depression when the optional F-10H damper pedal is connected. (Half-pedal supported)



Power

1. Connecting the AC adaptor to the main body

Plug the supplied AC adaptor into the power cord and insert it into the [DC IN] jack located on the rearside of the main body.

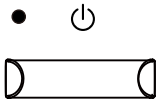


2. Connecting the plug into an outlet

Connect the AC power adaptor to an AC outlet.

3. Turning the power on/off

Press the [POWER] button to turn the power on.
When the instrument has started up, the LED indicator of the [POWER] button will turn on.



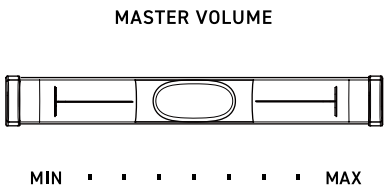
To turn the power off, press the [POWER] button again.

> ⚠ Do not turn off the power until the startup process is completed.
> Do not unplug the power cord until the LED indicator of the [POWER] button has turned off.

Volume and Headphones

Adjusting the volume

Use the [MASTER VOLUME] slider located on the right side of the main body to adjust the volume.
Move the slider right to increase the volume and left to decrease the volume.
Adjust the volume to a comfortable level by moving the slider while striking the keys.



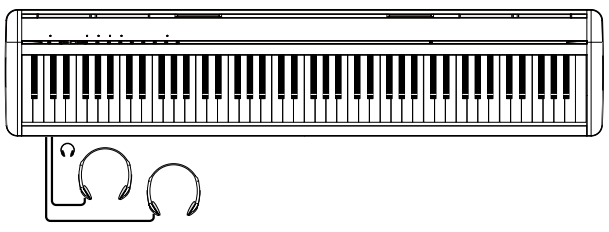
Using headphones

Plug the headphones into the [PHONES] jack located on the left side of the main body.

1/4" and 1/8" connectors are provided for convenience.
When the headphones are connected, the speakers on the main body will no longer produce sound.

The internal speakers can also be muted by using the speaker on/off setting.

P25 **Speaker On/Off**

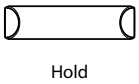


Sounds

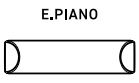
This instrument features a selection of 25 realistic instrument sounds. Sounds are arranged into three categories, namely "PIANO", "E.PIANO", and "OTHERS", and they are assigned to the corresponding SOUND buttons. "SK-EX Concert Grand Piano | Concert" is selected as the default setting.

Method 1

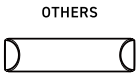
Press and hold the desired SOUND button and press one of the keys shown below to select the sound.



EX Concert Grand Piano | Modern
EX Concert Grand Piano | Mellow
SK-EX Concert Grand Piano | Mellow
EX Concert Grand Piano | Pop
SK-EX Concert Grand Piano | Jazz
Upright Piano | Classic
EX Concert Grand Piano | Concert
SK-EX Concert Grand Piano | Concert



Diapason
Church Organ
Blues Organ
Jazz Organ
Modern Electric Piano
Reed Electric Piano 2
Reed Electric Piano
Tine Electric Piano



Vibraphone
Harpsichord
Wood Bass & Ride
Electric Bass
Wood Bass
New Age Pad
Choir
String Ensemble
Slow Strings

Method 2

Press the SOUND button repeatedly to select the sound in ascending order in the above list.
When the last sound of the category is selected, pressing the SOUND button again will return to selecting the first sound in the category.

Example:
If "EX Concert Grand Piano | Modern" is selected for the [PIANO] button, pressing the [PIANO] button again will selected the "SK-EX Concert Grand Piano | Concert" sound.

- When Jazz Organ or Blues Organ is selected, pressing the [FUNCTION] button and [RECORDER] button simultaneously toggles the slow/fast modes of the rotary speaker effect.
- The sound currently selected by each SOUND button will be remembered until the power is turned off.

Example:
If "Upright Piano | Classic" is selected for the [PIANO] button, then a different sound from the [E.PIANO] or [OTHERS] sound categories is selected, pressing the [PIANO] button again will return to the "Upright Piano | Classic" sound.

Metronome

The Metronome function provides a steady beat to aid practicing the piano.

Turning the metronome on/off

Press the [TRANSPOSE] button and [PIANO] button simultaneously to turn the metronome on.
Press the [TRANSPOSE] button and [PIANO] button simultaneously again to turn the metronome off.

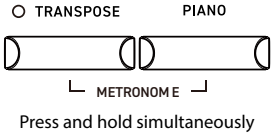
Metronome settings

Item	Description	Default setting
Tempo	The value can be specified in the range from ♩ = 10 to 300.	♩= 120
Beat/Rhythm	The beat setting is available from the following: 1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8. ☑ When the setting 1/4 is selected, it produces only the click sounds without an accent beat.	1/4
Volume	The metronome volume can be specified in the range from 1 to 10.	5

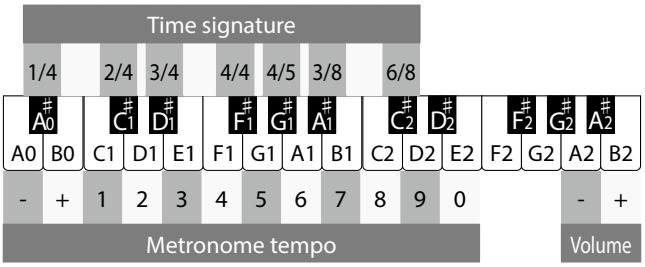
Setting tempo, time signature, and volume of the metronome

Press and hold the [TRANSPOSE] button and [PIANO] button simultaneously and press one of the following keys to change the setting.
The metronom tempo specify by entering the number in 3 digits.

Example:
To set the metronom tempo "60" :
Press and hold the [TRANSPOSE] button and [PIANO] button simultaneously and press keys "0", "6", "0".



Press and hold simultaneously



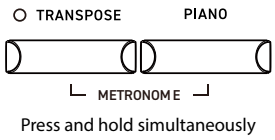
List of tempo markings

Tempo can also be set using the tempo markings commonly used in classical music.

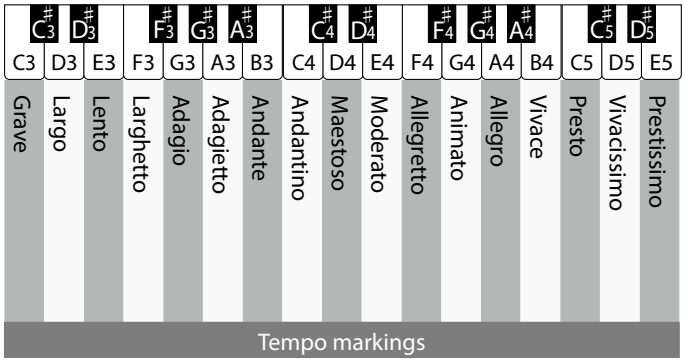
Tempo marking	Description	Tempo
Grave	Very slow	40
Largo	Broadly	46
Lento	Slowly	52
Larghetto	Rather broadly	56
Adagio	Slowly, with great expression	60
Adagietto	Slightly faster than Adagio	66
Andante	At a walking pace	72
Andantino	Slightly faster than Andante	80
Maestoso	Majestic and stately	88
Moderato	At a moderate speed	96
Allegretto	Moderately fast	108
Animato	Lively and fast	120
Allegro	Fast, quick, and bright	132
Vivace	Active and quick	160
Presto	Very, very fast	184
Vivacissimo	Very fast and lively	192
Prestissimo	Even faster than Presto	208

Tempo setting using tempo markings

Press and hold the [TRANSPOSE] button and [PIANO] button simultaneously and press one of the following keys to set the tempo.



Press and hold simultaneously

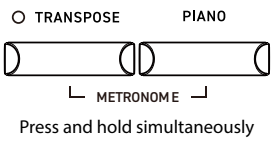


Drum rhythm settings

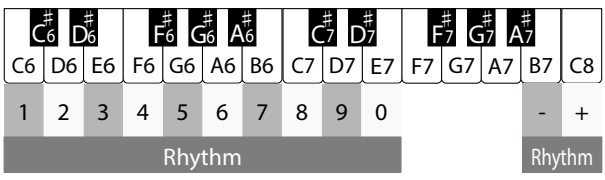
Press and hold the [TRANSPOSE] button and [PIANO] button simultaneously and specify the rhythm pattern by entering the assigned number in 3 digits.

Example:
To select the "Motown 1" rhythm pattern (no. 72):
Press and hold the [TRANSPOSE] button and [PIANO] button simultaneously and press keys "0", "7", "2".

Press and hold the [TRANSPOSE] button and [PIANO] button simultaneously, then enter [-] or [+] to select the previous or next rhythm pattern.



Press and hold simultaneously



There are 100 rhythm pattern types available.

P30 **Drum Rhythm List**

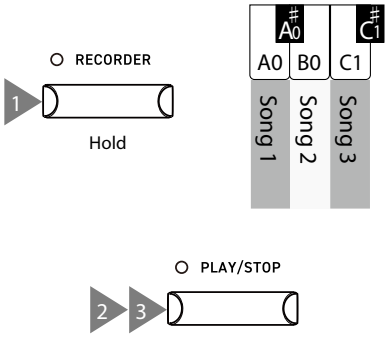
Recorder

The Recorder function allows the player to record up to three songs.

Recording a song

1. Press and hold the [RECORDER] button and select a song memory.
2. Press the [PLAY/STOP] button to start recording.
   Recording can also be started by pressing a key.
   When the recording starts, the LED indicators for the [RECORDER] button and the [PLAY/STOP] button will turn on.
3. Press the [PLAY/STOP] button to finish recording.
   When the recording ends, the LED indicators for the [RECORDER] button and the [PLAY/STOP] button will turn off.

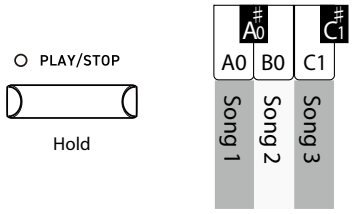
- The performances can be recorded with the Metronome function turned on by pressing the [METRONOME] button.



- When a song is recorded to the song memory containing performance data, the existing performance data will be overwritten by the new performance data.
- The tempo set by the metronome will not be recorded in the recorder data.
- The total recording capacity is 15,000 notes. (This number also includes the number of times the pedal is depressed and buttons are pressed.)
  The Recorder stops automatically when the maximum capacity is reached while recording.
- Recorded songs are retained even after the power is turned off.

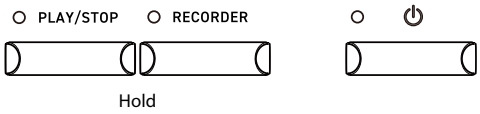
Playing back a recorded song

Press and hold the [PLAY/STOP] button and press the key corresponding to the desired song memory to start the playback.
Press the [PLAY/STOP] button again to stop the playback.



Deleting a recorded song

While the instrument is turned off, press and hold the [RECORDER] button and [PLAY/STOP] button and turn the power on.
The LED indicators for the [RECORDER] button and [PLAY/STOP] button will flash while deleting.
The LED indicators will turn off when deletion is complete.



All three song memories will be deleted.
Note that songs cannot be recovered after deletion.

Demo Songs

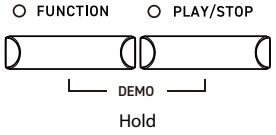
This instrument includes a demo song for each sound.

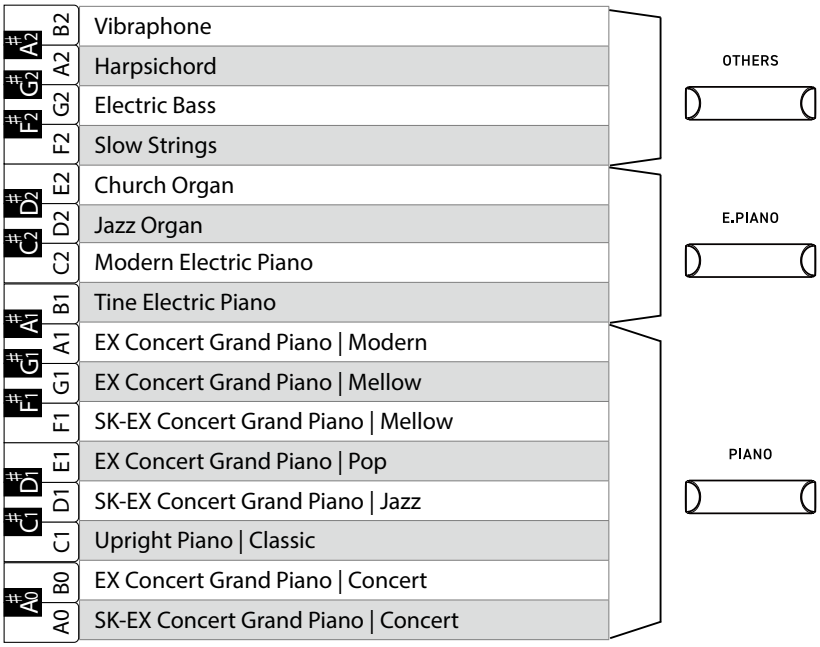
Demo songs list

Sound Name	Song Title	Composer	Key
SK-EX Concert Grand Piano | Concert	La Campanella	Liszt	A0
EX Concert Grand Piano | Concert	Hungarian Rhapsody No. 6	Liszt	B0
Upright Piano | Classic	Alpenglühen	Oesten	C1
SK-EX Concert Grand Piano | Jazz	Original	Kawai	D1
EX Concert Grand Piano | Pop	Original	Kawai	E1
SK-EX Concert Grand Piano | Mellow	Sonata No.30 Op.109	Beethoven	F1
EX Concert Grand Piano | Mellow	La Fille aux Cheveux de lin	Debussy	G1
EX Concert Grand Piano | Modern	Original	Kawai	A1
Tine Electric Piano	Original	Kawai	B1
Modern Electric Piano	Original	Kawai	C2
Jazz Organ	Original	Kawai	D2
Church Organ	Chorale Prelude "Wachet auf, ruft uns die Stimme."	Bach	E2
Slow Strings	Original	Kawai	F2
Electric Bass	Original	Kawai	G2
Harpsichord	French Suite No.6	Bach	A2
Vibraphone	Original	Kawai	B2

Playing demo songs

Press and hold the [FUNCTION] button and [PLAY/ STOP] button simultaneously and press one of the following keys to select the song. The LED indicators for the [FUNCTION] button and [PLAY/STOP] button will flash.





- When a song ends, the next song is automatically played.
  For example, after playing the demo song for "Vibraphone", the demo song for "SK-EX Concert Grand Piano | Concert" will follow automatically.
- Pressing the desired SOUND button switches to the demo song for the selected sound.
- Press the [FUNCTION] button or [PLAY/STOP] button again to stop the playback.

Registration Memories

The Registration function memorizes settings such as selected sounds and Reverb settings, etc. Simply pressing the button recalls the memorized settings. Up to four Registration memories can be stored.

A collection of settings can be stored to a memory. This memory is called a "Registration".

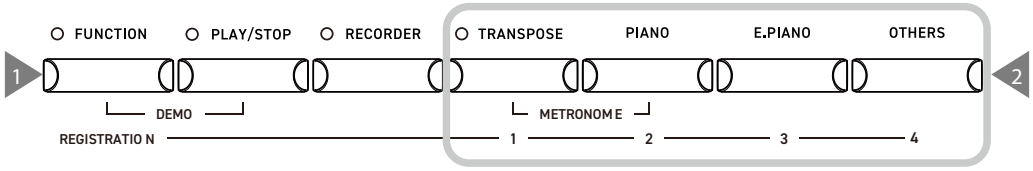
Settings that can be stored in registration memories

- Sound settings (including Dual/Split combinations)
- Metronome settings
- Basic Settings

The "Sound settings" and "Basic Settings" cannot be changed while a Registration memory is selected.

Recalling the registration

1. Press the [FUNCTION] button. The LED indicator for the [FUNCTION] button will turn on.
2. Press one of the four registration memory (SOUND) buttons to select the registration to be recalled.



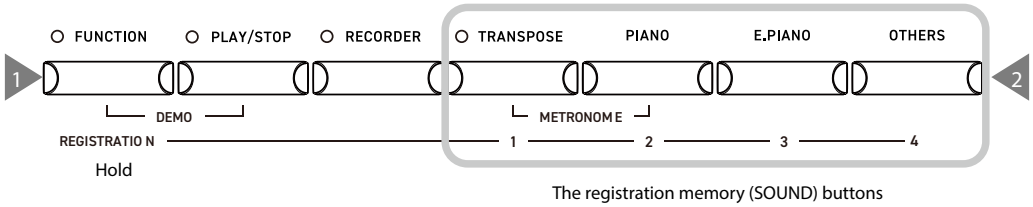
The registration memory (SOUND) buttons

- Press the [FUNCTION] button again to return to normal operation.
- By default, the Registration memories correspond to the following sounds:

Memory 1 : SK-EX Concert Grand Piano | Jazz
Memory 2 : Reed Electric Piano 2
Memory 3 : Jazz Organ
Memory 4 : String Ensemble.

Storing a registration memory

With the setting to be memorized selected, press and hold the [FUNCTION] button then press one of the four registration memory (SOUND) buttons to store the current sound to the registration memory.



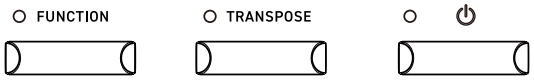
The registration memory (SOUND) buttons

- The LED indicator for the [FUNCTION] button will flash while storing into the Registration memory. It will stop flashing when storing is complete.

Resetting all registration memories

While the instrument is turned off, press and hold the [FUNCTION] button and [TRANSPOSE] button, and turn the power on.

- The LED indicator for the [FUNCTION] button will turn on and the LED indicator for the [TRANSPOSE] button will flash while resetting. The LED indicators will turn off when reset is complete.



Press and hold simultaneously

All four Registration memories will be reset.
Note that registration memories cannot be recovered after a reset.

Settings

Settings can be changed to suit playing conditions.

Settings

Settings	Description	Page
Basic Settings	Adjust settings related to the selected sound etc.	P17
Phones/Speaker Settings	Adjust settings related to the instrument's headphone and speaker sound output.	P23
Power/Memory Settings	Adjust settings related to the instrument's power and memory.	P25
Bluetooth Settings	Bluetooth Audio and Bluetooth MIDI settings.	P26
MIDI Settings	Adjust settings related to MIDI. For more information on MIDI and its operation details, please download the supplementary PDF manual from the Kawai Global website: https://www.kawai-global.com/support/manual/	

Basic Settings

Basic Settings functions and default values

Item	Description	Default setting	Page
Dual	This function allows two sounds to be layered together.	-	P18
Split	This function divides the keyboard into lower and upper sections, each of which can be played with a different sound.	-	P19
Reverb	This setting adjust the reverberation applied to the sound.	(Depending on the sound)	P19
Damper Resonance	This setting simulates the resonance effects of the whole piano when the damper pedal is pressed.	Medium	P20
Brilliance	This setting adjusts the brightness of the sound.	0	P20
Voicing	This setting simulates different hammer properties, affecting the tonal character of the piano.	Normal	P20
Touch Curve	This setting allows players to change the relationship between the volume and the strength of keystrokes.	Normal	P20
Fall-back Noise	This setting simulates the noise from the acoustic piano key action when keys are released.	Normal	P21
Damper Noise	This setting adjusts the volume of the noise that occurs when the damper pedal is pressed or released as the damper head touches or leaves the strings.	Normal	P21
Effects	This setting allows various effects to be added to the sound.	(Depending on the sound)	P21
Smart Mode	This setting switches between various preset configurations, adjusting various characteristics of the grand piano sound to match different musical styles.	Normal	P22
Transpose	This setting changes the pitch of the keyboard in semi-tone steps.	0	P22
Tuning	This setting changes the pitch of the instrument in 0.5 Hz steps.	440.0Hz	P22
Temperament	This setting allows musicians to play the instrument using early tuning systems popularised in the Renaissance and Baroque eras.	Equal	P23
Temperament Key	This setting is used to set the tonic note (key of temperament) when a non-Equal temperament is selected.	C	P23

☑ The above default settings can be overridden using the Startup Settings function.
Basic Settings will remain effective until the power is turned off.

Dual

Layering sounds from different SOUND buttons

1. Select the desired sound used for two SOUND button categories.
2. Press and hold the SOUND button, then press another SOUND button to layer two sounds together.

P11 Sounds

Example:

To layer "Upright Piano | Classic" and "Slow Strings":

1. Select "Upright Piano | Classic" for the [PIANO] button, and "Slow Strings" for the [OTHERS] button.
2. Press and hold the [PIANO] button, then press the [OTHERS] button.

- The combination can be changed by pressing and holding the main SOUND button and pressing another SOUND button.
- Press one of the SOUND buttons to restore normal operation.

Layering sounds from the same SOUND button

Press and hold the SOUND category button, and:

1. Press A#0.
2. Press the two keys that correspond to the two desired sounds.

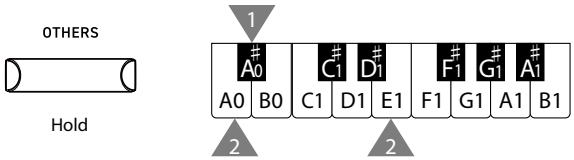
P11 Sounds

Example:

To layer "Slow Strings" and "Wood Bass", press and hold the [OTHERS] button, and:

1. Press A#0.
2. Press A0 and E1.

- Press one of the SOUND buttons to restore normal operation.



Adjusting the layered sound volume balance

Press and hold a SOUND button and press keys F#1 and G#1 to adjust the volume balance between two sounds.

	F#1	G#1
Different SOUND buttons	The volume of the sound assigned to the SOUND button on the left increases.	The volume of the sound assigned to the SOUND button on the right increases.
Same SOUND button	The volume of the sound assigned to the lower section increases.	The volume of the sound assigned to the upper section increases.

Press and hold a SOUND button and press D#1 to reset the balance.

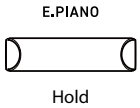
Split

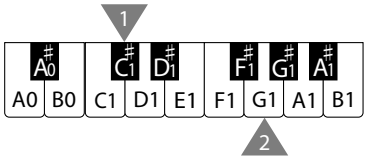
Selecting a sound

Select a sound for the upper section. Press and hold the SOUND button for the lower section and:
1. Press C#1.
2. Press a key that is in the range to where the selected sound should be assigned.

P11 Sounds

Example:
To assign "SK-EX Concert Grand Piano | Concert" to the upper section and "Church Organ" to the lower section, first select "SK-EX Concert Grand Piano | Concert", then press and hold the [E.PIANO] button, and:
1. Press C#1.
2. Press G1.





- Press one of the SOUND buttons to restore normal operation.
- By default, the lower section will be set to the "Wood Bass" sound.

- The split point is set to C4 and cannot be changed. C4 is the lowest note in the upper section.

Adjusting the volume balance

Press and hold a SOUND button and press keys F#1 and G#1 to adjust the volume balance between two sounds.

F#1	G#1
The volume of the sound assigned to the lower section increases.	The volume of the sound assigned to the upper section increases.

Press and hold a SOUND button and press D#1 to reset the balance.

Reverb

Turning Reverb on/off

Press and hold a SOUND button, then press C#2 to turn Reverb off or D#2 to turn Reverb on.

Reverb types

Type	Description	Key
Room	Simulates the reverberation of a performance in a small rehearsal room.	C2
Lounge	Simulates the reverberation of a performance in a piano lounge.	D2
Small Hall	Simulates the reverberation of a performance in a small hall.	E2
Concert Hall	Simulates the reverberation of a performance in a large concert hall for classical music.	F2
Live Hall	Simulates the reverberation of a performance in a large hall for live music performance.	G2
Cathedral	Simulates the reverberation of a performance in a large cathedral.	A2

Reverb setting

Press and hold a SOUND button, then press the key corresponding to the desired Reverb type.

If reverb is turned off, it will be turned on automatically upon selecting a reverb type.

Damper Resonance

Damper Resonance types

Type	Description	Key
Off	Turns damper resonance off.	C3
Small	Sets the volume of the resonance to low.	D3
Medium	Sets the volume of the resonance to medium.	E3
Large	Sets the volume of the resonance to high.	F3

Damper Resonance setting

Press and hold a SOUND button, then press the key corresponding to the desired Damper Resonance type.
The Damper Resonance effect will only be applied to the [PIANO] sound button sounds.

Brilliance

Adjusting the Brilliance level

Press and hold a SOUND button, then press F#3 or G#3 to decrease or increase the Brilliance level, or C#3 to turn Brilliance off.
The Brilliance level can be adjusted in the range between -10 and +10.

Voicing

Voicing types

Type	Description	Key
Normal	Normal setting.	C4
Mellow	Setting to produce a softer tone by softening the hammers.	D4
Dynamic	Setting to produce a dynamic tone from soft to bright according to the touch of keys.	E4
Bright	Setting to produce a brighter tone by hardening the hammers.	F4

Voicing setting

Press and hold a SOUND button, then press the key corresponding to the desired Voicing type.

Touch Curve

Touch Curve types

Type	Description	Key
Off	Maintains the same volume regardless of the strength of the touch.	C#4
Normal	Reproduces the standard touch sensitivity of an acoustic piano.	F#4
Light	Maintains even sound for light touch.	G#4
Heavy	Maintains soft and even sound.	A#4

Touch Curve setting

Press and hold a SOUND button, then press the key corresponding to the desired Touch Curve type.

Fall-back Noise

Fall-back Noise types

Type	Description	Key
Off	Turns fall-back noise off.	A4
Normal	Normal setting.	B4
Small	Sets the volume of the fall-back noise to low.	C5
Large	Sets the volume of the fall-back noise to high.	D5

Fall-back Noise setting

Press and hold a SOUND button, then press the key corresponding to the desired Fall-back Noise type.
The Fall-Back Noise effect will only be applied to the [PIANO] sound button sounds.

Damper Noise

Damper Noise types

Type	Description	Key
Off	Turns damper noise off.	F5
Normal	Normal setting.	G5
Small	Sets the volume of the damper noise to low.	A5
Large	Sets the volume of the damper noise to high.	B5

Damper Noise setting

Press and hold a SOUND button, then press the key corresponding to the desired Damper Noise type.
The Damper Noise effect will only be applied to the [PIANO] sound button sounds.

Effects

Effects types

Type	Description	Effective sound
Mono Delay	This effect adds a mountain-like echo to the sound.	Piano sound String Ensemble
Ping Delay	This effect echoes the sound alternately left and right.	Choir
Triple Delay	This effect echoes the sound in the order of center, right, and left.	Church Organ Diapason Harpsichord
Chorus	This effect expands the sound by matching the original sound with a sound that has pitch fluctuations.	Slow Strings Wood Bass Electric Bass Wood Bass & Ride
Classic Chorus	This effect reproduces the chorus of yesteryear by digital signal processing.	Modern Electric Piano New Age Pad
Tremolo	This effect gives fluctuations to the volume.	Vibraphone
Classic Tremolo	This effect reproduces the tremolo of yesteryear by digital signal processing.	Reed Electric Piano Reed Electric Piano 2
Classic Auto Pan	This effect reproduces the sound of famous antique instruments by periodically changing the position of the sound source.	Tine Electric Piano
Rotary	This effect reproduces the change in sound caused by the rotary speaker.	Jazz Organ Blues Organ

Turning Effects on and off

Press and hold a SOUND button, then press C#6 to turn Effects off or press D#6 to turn Effects on.

Smart Mode

Smart Mode settings

Type	Description	Key
Normal	Smart Mode default setting.	C7
Noiseless	Setting to minimise additional damper and string resonance, and mechanism noises when keys are released.	D7
Deep Resonance	Setting to emphasise damper pedal resonance and string resonance.	E7
Light Resonance	Setting to reduce damper pedal resonance and string resonance.	F7
Soft	Setting to produce a softer tone by softening the hammers and increasing the touch weight of the keyboard, which is suitable for slow, quiet pieces.	G7
Brilliant	Setting to produce a brighter tone including damper resonance by hardening the hammers, which is suitable for cheerful and elegant pieces or songs requiring good resonance.	A7
Clean	Setting to reduce resonance by hardening the hammers and lightening the touch of keys.	C#7
Full	Setting to emphasise noises and resonance by increasing the sensitivity of the hammers, which is suitable for dynamic and powerful pieces.	D#7
Dark	Setting to add unique darkness to the tone by hardening the hammers and increasing the touch weight of keys.	F#7
Rich	Setting to emphasise the resonance by increasing the sensitivity of the hammers and lightening the touch of keys.	G#7
Historical	Setting to replicate the tone of a piano used during the Classical and Romantic eras.	A#7

Selecting the Smart Mode preset

Press and hold a SOUND button, then press the key corresponding to the desired Smart Mode type.

Transpose

Transpose setting

Press and hold the [TRANSPOSE] button, then press the a key 12 notes above or below middle C to set the desired transpose key.
Or press and hold the [TRANSPOSE] button, then press the A0 key to decrease or B0 key to increase the value of the transpose setting.

The Transpose value can be adjusted in the range between -12 and +12 in semi-tone steps.
The LED indicator for the [TRANSPOSE] button will turn on when Transpose is turned on and the value is not set to 0.

P35 **Operation Guide**

Tuning

Adjusting the pitch

Press and hold the [TRANSPOSE] button, then press F#6 to lower the pitch or G#6 to raise the pitch.
The Tuning pitch can be adjusted in the range from 420.0 Hz to 453 Hz in 0.5 Hz increments.
Press C#6 to restore the Tuning pitch to the default setting of 440.0 Hz.

Temperament

Temperament types

Type	Description	Key
Equal Temperament (Equal)	The most common tuning system for modern pianos. This allows consistent harmonies regardless of modulations and transpositions.	C6
Pure Temperament (Pure Major)	The tuning system that eliminated impurity from the most important third and fifth intervals. Therefore, third and fifth sound pure; however, other intervals may sound impure. Use this system by specifying the tonic of the piece to be played.	D6
Pure Temperament (Pure Minor)		E6
Pythagorean Temperament (Pythagorean)	The tuning system that eliminated impurity from most of fifth intervals. Although chords sound impure due to the impurity in third intervals, the system brings out the character of melodies.	F6
Meantone Temperament (Meantone)	The tuning system that incorporated slight impurity in fifth intervals in order to eliminate impurity from the most important major third intervals. This system was commonly used for early keyboard music.	G6
Werckmeister Temperament (Werckmeister)	This tuning system makes keys with fewer key signatures sound closer to the Meantone Temperament which produces chords purer, and keys with more key signatures sound closer to the Pythagorean Temperament which brings out the character of melodies. This reflects the "character of keys" intended by the classical composers.	A6
Kirnberger Temperament (Kirnberger)		B6

Temperament settings

Press and hold a [TRANSPOSE] button, then press the key corresponding to the desired Temperament type.

Temperament Key

Selecting the Temperament Key

Press and hold a [TRANSPOSE] button, then press the key corresponding to the desired Temperament Key.
The Temperament Key can be specified in the range from C to B.

P35 **Operation Guide**

Phones/Speaker Settings

Phones/Speaker Settings types

Type	Description	Default setting	Page
Spatial Headphone Sound	This setting is a feature that enhances the depth and realism of the acoustic piano sound through earphones or headphones. This feature also reduces auditory discomfort and fatigue when using headphones or earphones for extended periods of time.	Normal	P24
Phones Type	This setting optimises the sound of the instrument when listening through different types of headphones or earphones.	Normal	P24
Low Volume Balance	This setting enhances pianissimo touches, allowing the piano to be played more naturally when the [MASTER VOLUME] slider is set to a low level.	3	P24
Speaker EQ	This setting optimizes the sound quality of the speaker system according to the position of the instrument.	Normal	P24
Speaker On/Off	This setting turns the internal speakers on and off. This setting may be useful when the internal speakers are no longer required, because the instrument is connected to an external speaker or amplifier system via the [LINE OUT] jacks.	On	P25

Spatial Headphone Sound

Spatial Headphone Sound types

Type	Description	Key
Off	Disables the Spatial Headphone Sound feature.	C#5
Forward	Provides front focused, somewhat narrow spatial positioning.	F#5
Normal	Provides naturally balanced spatial positioning that is neither forward nor wide.	G#5
Wide	Provides wide, very open spatial positioning.	A#5

Spatial Headphone Sound setting

Press and hold the [FUNCTION] button, then press the key corresponding to the desired Spatial Headphone Sound type.

Phones Type

Phones type types

Type	Description	Key
Normal	Disables the headphone optimisation.	C5
Open	Optimises the sound for open-type headphones.	D5
Semi-Open	Optimises the sound for semi-open type headphones.	E5
Closed	Optimises the sound for closed-type headphones.	F5
Inner-ear	Optimises the sound for inner-ear type headphones.	G5
Canal	Optimises the sound for canal-type headphones.	A5

Phones Type setting

Press and hold the [FUNCTION] button, then press the key corresponding to the desired Phones type.

Low Volume Balance

Low Volume Balance setting

Press and hold the [FUNCTION] button, then press the key corresponding to the desired Low Volume Balance type.
The Low Volume Balance setting can be specified in the range from 1 to 5, or set to "Off".
Increasing the value will enhance the sound of pianissimo touches when the volume is set to a reduced level.

P35 **Operation Guide**

Speaker EQ

Speaker EQ types

Type	Description	Key
Off	Turns Speaker EQ off. Optimum setting for connecting to the [LINE OUT] jack.	F#6
Normal	Optimum setting for placing on a stand.	G#6
Table	Optimum setting for placing on a table.	A#6

Speaker EQ setting

Press and hold the [FUNCTION] button, then press the key corresponding to the desired Speaker EQ type.

Speaker On/Off

Speaker On/Off types

Type	Description	Key
Off	Turns off the internal speakers.	C#7
On	Turns on the internal speakers.	D#7

Turning the speakers on/off

Press and hold the [FUNCTION] button, then press C#7 to turn the internal speakers off or D#7 to turn the internal speakers on.

Power/Memory Settings

Power/memory setting types

Type	Description	Page
Auto Power Off	This function can be used to automatically turn off the power after a specified period of inactivity.	P25
Factory Reset	This function restores the instrument back to its factory default configuration. ☑ Recorded songs and registration memories will not be initialized.	P25
Startup Settings	This function allows preferred settings to be stored in memory, and automatically re-called as the default settings every time the instrument is turned on.	P26

Auto Power Off

Auto Power Off types

Type	Description	Key
Off	Disables Auto Power Off.	G7
15 min.	Turns off the power after 15 minutes of inactivity.	A7
60 min.	Turns off the power after 60 minutes of inactivity.	B7
120 min.	Turns off the power after 120 minutes of inactivity.	C8

☑ This setting will be stored to Startup Settings automatically.

Auto Power Off setting

Press and hold the [FUNCTION] button, then press the key corresponding to the desired Auto Power Off type.

Factory Reset

Executing the Factory Reset

Press and hold the [FUNCTION] button and press G#7.
The LED indicator for the [FUNCTION] button will flash while executing the Factory Reset.
The LED indicators will turn off when reset is complete.

Startup Settings

Settings stored in Startup Settings

- Sound settings
- Metronome settings
- Reverb and Effects settings for each sound
- Basic Settings
- Phones/Speaker Settings
- Bluetooth settings
- MIDI Settings

Executing the Startup Settings

While the instrument is set to the desired settings, press and hold the [FUNCTION] button, then press A#7.
The LED indicator for the [FUNCTION] button will flash while storing Startup Settings.
The LED indicators will turn off when Startup Settings storing is complete.

Bluetooth Settings

Availability of Bluetooth function dependent on market location.

Bluetooth types and connection methods

Type	Description	Connection method
Bluetooth MIDI	When using a smart device app that supports Bluetooth MIDI, this function allows the instrument to be controlled by an app, or send/receive MIDI data wirelessly.	Enable the smart device's Bluetooth function, launch an app that supports Bluetooth MIDI, then select "ES120" from the app's connection setting screen. The LED indicator for the [BLUETOOTH] button will turn on when a Bluetooth MIDI application is connected.
Bluetooth Audio	This function allows audio from the connected smart device (such as songs, videos, etc.) to be played through the instrument's speakers wirelessly.	Enable the smart device's Bluetooth function, then select "ES120 Audio" from the device's Bluetooth connection setting screen. If not displayed, press and hold the [BLUETOOTH] button until its LED indicator starts flashing. The LED indicator for the [BLUETOOTH] button will turn on when a smart device is successfully paired. After pairing successfully, the instrument will automatically reconnect to the smart device when the power is turned on.

- For more detailed instructions regarding Bluetooth pairing, please refer to the supplementary Bluetooth® Connectivity Guide manual, available from the Kawai Global website: https://www.kawai-global.com/support/manual/
- Only one smart device can be connected to the piano's Bluetooth MIDI or Bluetooth audio at a time.
- If pairing has been unsuccessful, press the [BLUETOOTH] button to stop the LED indicator flashing.

Bluetooth On/Off setting

If the LED indicator for the [BLUETOOTH] button turns off when the button is pressed, Bluetooth is off. Press and hold the [BLUETOOTH] button until the LED turns on to turn on Bluetooth.
If the LED indicator for the [BLUETOOTH] button turns on when the button is pressed, Bluetooth is on. Press and hold the [BLUETOOTH] button until the LED turns off to turn off Bluetooth.
The default setting is Bluetooth on.

Check Bluetooth smart device connection status

When the LED indicator for the [BLUETOOTH] button is turned on, a smart device is connected. When the LED indicator for the [BLUETOOTH] button is turned off, a smart device is not connected.

Adjusting the Bluetooth Audio Volume

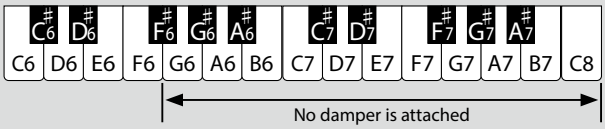
This setting allows the volume of the Bluetooth Audio playback to be adjusted. After first adjusting the playback volume on the smart device or using the instrument's [MASTER VOLUME] slider, this setting may be used to further adjust the playback volume.
Press and hold the [BLUETOOTH] button, then press the A0 key to decrease the Bluetooth Audio volume or the B0 key to increase the volume.
The Bluetooth Audio volume can be adjusted in the range from -15 to +15. The default setting is 0.

Troubleshooting

Power (Settings)

Problem	Possible Cause and Solution	Page
The instrument does not turn on.	Check to see if the main connector of this instrument, AC adaptor, and power outlet are properly connected.	P10
The instrument turned itself off all of a sudden. The instrument turned off by itself.	Check to see if the "Auto Power Off" function is not enabled.	P25

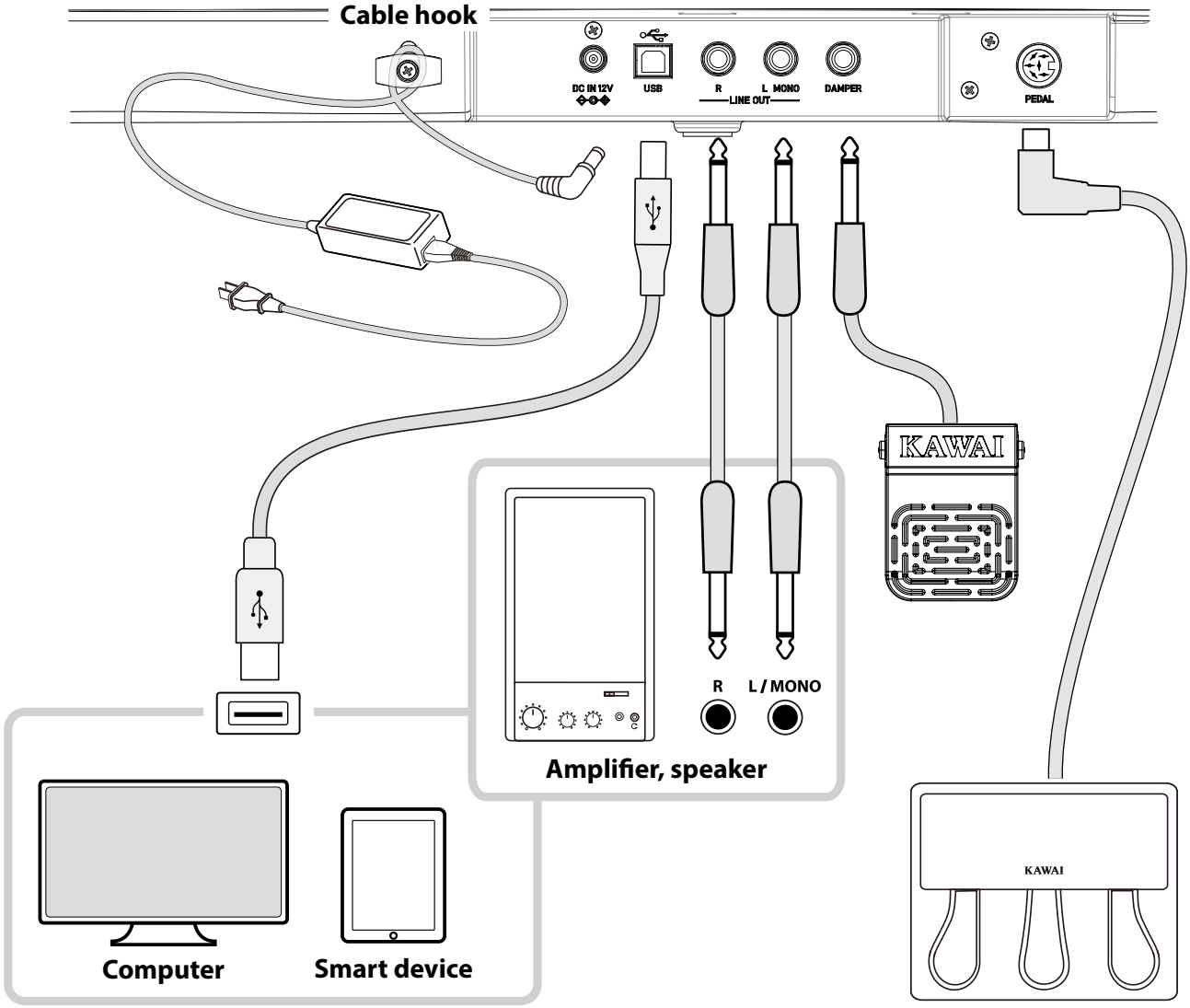
Sound/Performance

Problem	Possible Cause and Solution	Page
No sound is coming out.	• Check to see whether the volume has been set to the lowest level. • Check to see whether a pair of headphones or a headphone conversion plug have been connected to the [PHONES] jacks. • Check to see whether the Speaker setting has been set to "off". • Check to see whether the Local Control of MIDIsetting has been set to "off".	P10 P25
Sounds get distorted in certain performances or at specific ranges.	For some performances, increasing the volume may cause the sound to be distorted. If this happens, reduce the volume.	P10
The pitch or sound quality of certain piano tones is odd.	The built-in piano tones are designed to reproduce the tones created by an acoustic grand piano as accurately as possible. Since the pianos produce a rich variety of resonance, the way the sound is perceived changes depending on the location or environment. The way the sound is perceived also changes when a single key is pressed and when the same key is pressed in the flow of a song. For this reason, strong overtones may be heard in some ranges, or the pitch and sound quality may seem odd. But this is normal.	
The high frequency notes sustain longer even when the damper pedal is not pressed.	This is normal. The highest keys on an acoustic piano (shown below) are not equipped with dampers. This instrument replicates this behaviour precisely and allows the sound of the keys without dampers to sustain longer even when the damper pedal is not pressed. 	
The pedal does not work at all, or it does not produce the same effect each time.	Check to see if the pedal cable is properly connected to the instrument. Even when they are connected, try unplugging the cable and inserting it again to make sure.	P9

Connection

Problem	Possible Cause and Solution	Page
The instrument is unable to connect to a smart device.	• Check to see if the instrument's Bluetooth function is enabled. • Use the application's settings to connect, instead of the Bluetooth setting of the smart device.	P26
Connection fails for the paired smart device.	If the connection gets cut off immediately after pairing, turn off the Bluetooth setting on the smart device and turn it back on, then try connecting the device again.	P26
The name of the piano does not appear in the smart device.	It's possible that another device is connected to the piano's Bluetooth MIDI/Bluetooth Audio. Press and hold the [BLUETOOTH] button until its LED indicator starts flashing to unpair the device.	P26
Unable to send recorded performance of built-in songs.	Recorded performances of built-in songs will not output from Bluetooth MIDI.	

Connecting to Other Devices



- Turn off both this instrument and the given device before connecting to another device.
  Devices can be damaged if they are connected while the power is on.
- The protection circuit of the instrument's amplifier may stop the sound output in certain circumstances.
  Restart the instrument and reset the protection circuit of the amplifier if the sound stops.
- The Phones Type and Spatial Headphone Sound effects will be applied to the sound output from the [LINE OUT] of the instrument.
  Phones Type and Spatial Headphone Sound can be turned off.
  Also, both Speaker EQ and Speaker On/Off can be turned off to optimize the sound quality when using the [LINE OUT] jack.

P23 **Phones/Speaker Settings**

USB drivers

For exchanging data between this digital piano and a computer via USB connection, the software (USB-MIDI driver) for the digital piano to function properly must be installed in the computer. On most modern operating systems, this driver software will be installed automatically, and additional drivers will not be required.
The USB-MIDI driver to use is different depending on the computer's operating system. For more information, please visit the Kawai Global website:
https://www.kawai-global.com/support/manual

Smart devices

This product supports connection to smart devices and allows players to use applications designed for the instrument.
Before using this feature, please check the latest information on the supported applications and operating environment, which is available from the Kawai Global website:
https://www.kawai-global.com/support

Precautions for using USB

When connecting the digital piano to a computer with a USB cable, insert the USB cable first and then turn on the digital piano.
After connecting the digital piano to a computer via USB, it may take some time to establish communication between them.
If communication becomes unstable on the connection between the digital piano and the computer through a USB hub, connect the USB cable directly to one of the computer's USB ports.
Powering on/off the digital piano or plugging/unplugging the USB cable during any of the following situations may cause the computer or digital piano to exhibit unstable behaviour: - while installing the driver - while restarting the computer - while the MIDI application is running - while communicating with the computer - while the computer is in energy-saver mode
Depending on the settings of the computer, the USB function may not work as intended. Please read the owner's manual of the computer and adjust the settings accordingly.

Drum Rhythm List

No.	Rhythm Name
1	8 Beat 1
2	8 Beat 2
3	8 Beat 3
4	16 Beat 1
5	16 Beat 2
6	16 Beat 3
7	16 Beat 4
8	16 Beat 5
9	16 Beat 6
10	Rock Beat 1
11	Rock Beat 2
12	Rock Beat 3
13	Hard Rock
14	Heavy Beat
15	Surf Rock
16	2nd Line
17	50 Ways
18	Ballad 1
19	Ballad 2
20	Ballad 3
21	Ballad 4
22	Ballad 5
23	Light Ride 1
24	Light Ride 2
25	Smooth Beat
26	Rim Beat
27	Slow Jam
28	Pop 1
29	Pop 2
30	Electro Pop 1
31	Electro Pop 2
32	Ride Beat 1
33	Ride Beat 2
34	Ride Beat 3
35	Ride Beat 4
36	Slip Beat
37	Jazz Rock
38	Funky Beat 1
39	Funky Beat 2
40	Funky Beat 3
41	Funk 1
42	Funk 2
43	Funk 3
44	Funk Shuffle 1
45	Funk Shuffle 2
46	Buzz Beat
47	Disco 1
48	Disco 2
49	Hip Hop 1
50	Hip Hop 2

No.	Rhythm Name
51	Hip Hop 3
52	Hip Hop 4
53	Techno 1
54	Techno 2
55	Techno 3
56	Heavy Techno
57	8 Shuffle 1
58	8 Shuffle 2
59	8 Shuffle 3
60	Boogie
61	16 Shuffle 1
62	16 Shuffle 2
63	16 Shuffle 3
64	T Shuffle
65	Triplet 1
66	Triplet 2
67	Triplet 3
68	Triplet 4
69	Triplet Ballad 1
70	Triplet Ballad 2
71	Triplet Ballad 3
72	Motown 1
73	Motown 2
74	Ride Swing
75	H.H. Swing
76	Jazz Waltz 1
77	Jazz Waltz 2
78	5/4 Swing
79	Fast 4 Beat
80	H.H. Bossa Nova
81	Ride Bossa Nova
82	Beguine
83	Mambo
84	Cha Cha
85	Samba
86	Light Samba
87	Surdo Samba
88	Latin Groove
89	Afro Cuban
90	Songo
91	Bembe
92	Merenge
93	Reggae
94	Tango
95	Habanera
96	Waltz
97	Ragtime
98	Country & Western
99	March
100	6/8 March

Information about Adaptor Specifications

This adapter specification table conforms to the requirements of EU Commission Regulation (EU) 2019/1782.

	Adaptor Type			
	PS-129	PS-154	PS-241	PS-242
Manufacturer's trademark	KAWAI	KAWAI	KAWAI	KAWAI
Model identifier	PS-129	PS-154	PS-241	PS-242
Input voltage	230 V	230 V	230 V	230 V
Input AC frequency	50 Hz	50 Hz	50 Hz	50 Hz
Output voltage	12.0 V	15.0 V	24.0 V	24.0 V
Output current	2.0 A	4.0 A	6.2 A	5.0 A
Output power	24.0 W	60.0 W	150.0 W	120.0 W
Average active efficiency	90.38%	90.17%	90.41%	91.55%
Efficiency at low load (10%)	85.71%	85.13%	78.62%	88.84%
No-load power consumption	0.061 W	0.200W	0.135 W	0.020 W

EU Declaration of Conformity

EU Declaration of Conformity

BG Bulgarian	**ОПРОСТЕНА ЕС ДЕКЛАРАЦИЯ ЗА СЪОТВЕТСТВИЕ** С настоящото Kawai Europa GmbH декларира, че този тип радиосъоръжение [ES120] е в съответствие с Директива 2014/53/ ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес:
ES Spanish	**DECLARACIÓN UE DE CONFORMIDAD SIMPLIFICADA** Por la presente, Kawai Europa GmbH declara que el tipo de equipo radioeléctrico [ES120] es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente:
CS Czech	**ZJEDNODUŠENÉ EU PROHLÁŠENÍ O SHODĚ** Tímto Kawai Europa GmbH prohlašuje, že typ rádiového zařízení [ES120] je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese:
DA Danish	**FORENKLET EU-OVERENSSTEMMELSESERKLÆRING** Hermed erklærer Kawai Europa GmbH, at radioudstyrstypen [ES120] er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse:
DE German	**VEREINFACHTE EU-KONFORMITÄTSERKLÄRUNG** Hiermit erklärt Kawai Europa GmbH, dass der Funkanlagentyp [ES120] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
ET Estonian	**LIHTSUSTATUD ELI VASTAVUSDEKLARATSIOON** Käesolevaga deklareerib Kawai Europa GmbH, et käesolev raadioseadme tüüp [ES120] vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil:
EL Greek	**ΑΠΛΟΥΣΤΕΥΜΕΝΗ ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ** Με την παρούσα ο/η Kawai Europa GmbH, δηλώνει ότι ο ραδιοεξοπλισμός [ES120] πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο:
EN English	**SIMPLIFIED EU DECLARATION OF CONFORMITY** Hereby, Kawai Europa GmbH declares that the radio equipment type [ES120] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
FR French	**DECLARATION UE DE CONFORMITE SIMPLIFIEE** Le soussigné, Kawai Europa GmbH, déclare que l'équipement radioélectrique du type [ES120] est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante:
HR Croatian	**POJEDNOSTAVLJENA EU IZJAVA O SUKLADNOSTI** Kawai Europa GmbH ovime izjavljuje da je radijska oprema tipa [ES120] u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljede?oj internetskoj adresi:
IT Italian	**DICHIARAZIONE DI CONFORMITÀ UE SEMPLIFICATA** Il fabbricante, Kawai Europa GmbH, dichiara che il tipo di apparecchiatura radio [ES120] è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet:
LV Latvian	**VIENKĀRŠOTA ES ATBILSTĪBAS DEKLARĀCIJA** Ar šo Kawai Europa GmbH deklarē, ka radioiekārta [ES120] atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē:
LT Lithuanian	**SUPAPRASTINTA ES ATITIKTIES DEKLARACIJA** Aš, Kawai Europa GmbH, patvirtinu, kad radijo įrenginių tipas [ES120] atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu:
HU Hungarian	**EGYSZERŰSÍTETT EU-MEGFELELŐSÉGI NYILATKOZAT** Kawai Europa GmbH igazolja, hogy a [ES120] típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen:
MT Maltese	**DIKJARAZZJONI SSIMPLIFIKATA TA' KONFORMITÀ TAL-UE** B'dan, Kawai Europa GmbH, niddikjara li dan it-tip ta' tagħmir tar-radju [ES120] huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej:
NL Dutch	**VEREENVOUDIGDE EU-CONFORMITEITSVERKLARING** Hierbij verklaar ik, Kawai Europa GmbH, dat het type radioapparatuur [ES120] conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres:
PL Polish	**UPROSZCZONA DEKLARACJA ZGODNOŚCI UE** Kawai Europa GmbH niniejszym oświadcza, że typ urządzenia radiowego [ES120] jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym:
PT Portuguese	**DECLARAÇÃO UE DE CONFORMIDADE SIMPLIFICADA** O(a) abaixo assinado(a) Kawai Europa GmbH declara que o presente tipo de equipamento de rádio [ES120] está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet:
RO Romanian	**DECLARAȚIA UE DE CONFORMITATE SIMPLIFICATĂ** Prin prezenta, Kawai Europa GmbH declară că tipul de echipamente radio [ES120] este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet:
SK Slovak	**ZJEDNODUŠENÉ EÚ VYHLÁSENIE O ZHODE** Kawai Europa GmbH týmto vyhlasuje, že rádiové zariadenie typu [ES120] je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese:
SL Slovenian	**POENOSTAVLJENA IZJAVA EU O SKLADNOSTI** Kawai Europa GmbH potrjuje, da je tip radijske opreme [ES120] skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu:
FI Finnish	**YKSINKERTAISTETTU EU-VAATIMUSTENMUKAISUUSVAKUUTUS** Kawai Europa GmbH vakuuttaa, että radiolaitetyyppi [ES120] on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa:
SV Swedish	**FÖRENKLAD EU-FÖRSÄKRAN OM ÖVERENSSTÄMMELSE** Härmed försäkrar Kawai Europa GmbH att denna typ av radioutrustning [ES120] överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress:
https://www.kawai-global.com/	

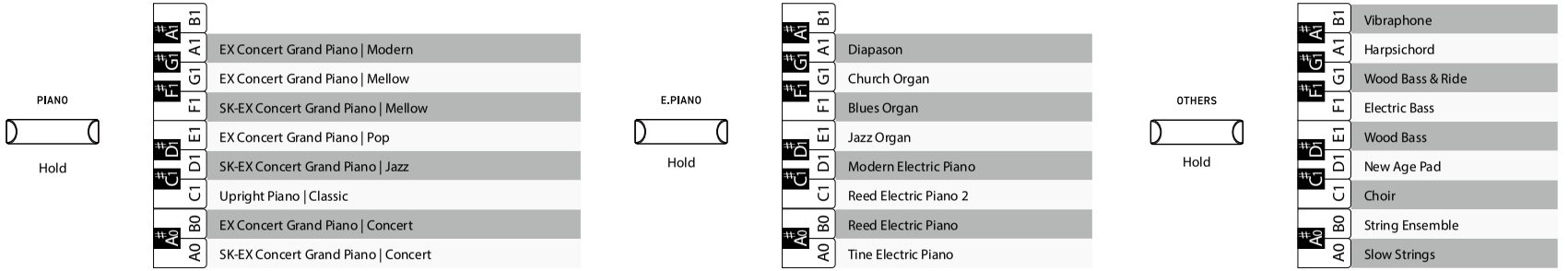
Specifications

Keyboard	Responsive Hammer Compact(RHC)
Polyphony	max. 192 notes
Sounds	25 sounds P11
Metronome	1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8 beat + 100 drum rhythms
Internal Recorder	3 songs – approximately 15,000 note memory capacity
Internal Songs	Demo Songs: 16 songs
Phones Settings	Spatial Headphone Sound (SHS), Phones Type
Bluetooth®	MIDI: Bluetooth (Ver. 5.0 GATT-compatible) / Bluetooth Low Energy MIDI Specification-compliant AUDIO: Bluetooth (Ver. 5.1 A2DP-compatible)
Other Functions	Registration Memories, Dual, Split, Reverb, Damper Resonance, Brilliance, Voicing, Touch Curve, Fall-back Noise, Damper Noise, Effects, Smart Mode, Transpose, Tuning, Temperament, Temperament Key, Low Volume Balance, Speaker EQ, Speaker On/Off, Auto Power Off, Factory Reset, Startup Settings, MIDI Settings
Jacks	Headphones x 2 (1/4", 1/8"), LINE OUT (1/4" L/MONO, R), USB to Host, DAMPER, PEDAL
Output Power	10 W +10 W
Speakers	12 cm x 2
Power Consumption	9 W (PS-129 AC adaptor)
Dimensions (Folding music rest)	1305 (W) x 280 (D) x 150 (H) mm 51 3/8" (W) x 11" (D) x 6" (H)
Weight	12.5 kg / 27 3/5 lbs.

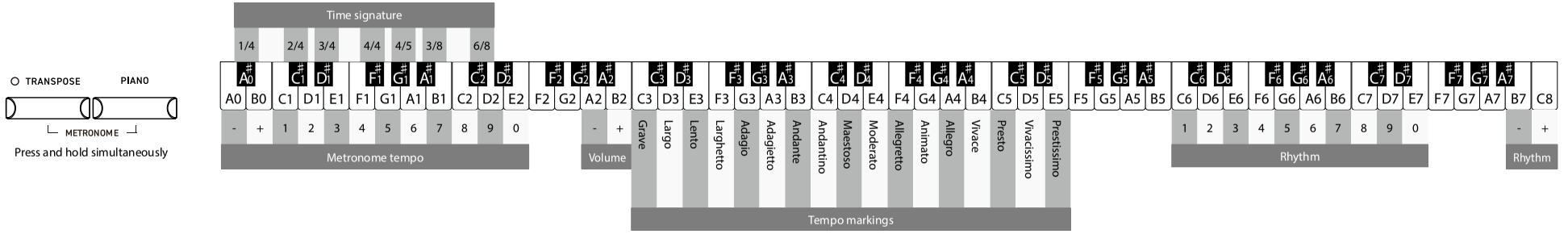
* Specifications are subject to change without notice.
* Availability of Bluetooth function dependent on market location.

Operation Guide

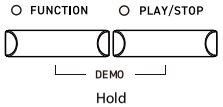
SOUND SELECT



METRONOME



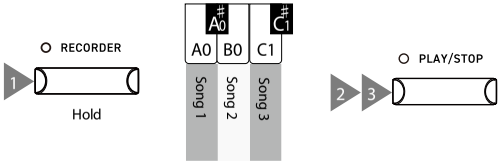
DEMO SONGS



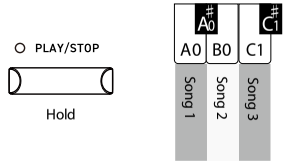
Sound Name
Vibraphone
Harpsichord
Electric Bass
Slow Strings
Church Organ
Jazz Organ
Modern Electric Piano
Tine Electric Piano
EX Concert Grand Piano | Modern
EX Concert Grand Piano | Mellow
SK-EX Concert Grand Piano | Mellow
EX Concert Grand Piano | Pop
SK-EX Concert Grand Piano | Jazz
Upright Piano | Classic
EX Concert Grand Piano | Concert
SK-EX Concert Grand Piano | Concert

RECORDER

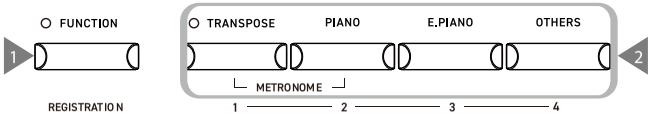
Recording



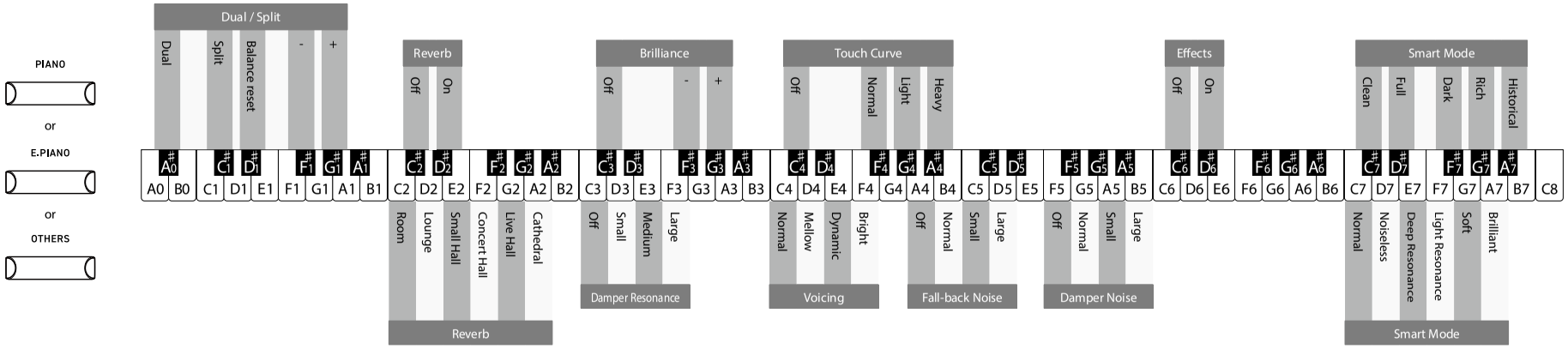
Playing back



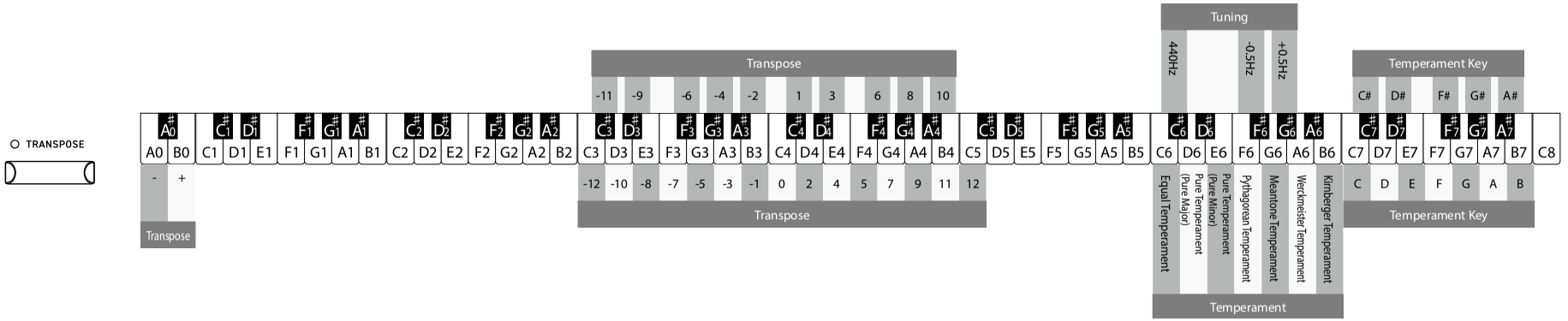
REGISTRATION



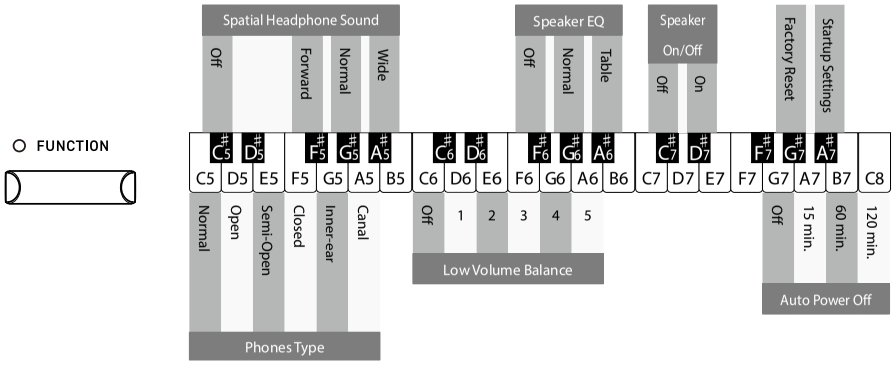
SOUND SETTINGS



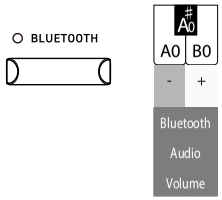
TRANSPOSE



FUNCTION



BLUETOOTH



KAWAI

THE FUTURE OF THE PIANO

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