

KAWAI

ANYTIME X²

(ATX2-p)
Owner's Manual

Part Names & Functions

Basic Operation

General Operation

Appendix

Thank you for purchasing a KAWAI AnyTimeX2 piano!

The AnyTimeX2 piano is a revolutionary new instrument that combines the capabilities of an acoustic piano and a digital piano. With the AnyTimeX2 piano, one can enjoy the pleasing, expressive tone of KAWAI acoustic pianos, with the convenience of powerful, exciting features that can only be found on a digital instrument.

As its name implies, the most compelling aspect of the AnyTimeX2 piano is that it can be played at literally any time, without disturbing family or neighbours. It will allow you to enjoy the touch of a fine KAWAI acoustic piano while retaining the privacy and power of built-in digital sound. The AnyTimeX2 piano will offer many creative new possibilities for music-making in your home, school, or recording studio.

To get the most from your AnyTimeX2 piano, please read this manual carefully and become familiar with all its powerful functions and features. We trust that you and your AnyTimeX2 piano will be making beautiful music together (at any time of the day or night) for many years to come.

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IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS



WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

AVIS : RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Examples of Picture Symbols



denotes that care should be taken.
The example instructs the user to take care not to allow fingers to be trapped.



denotes a prohibited operation.
The example instructs that disassembly of the product is prohibited.



denotes an operation that should be carried out.
The example instructs the user to remove the power cord plug from the AC outlet.

Read all the instructions before using the product.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING - When using electric products, basic precautions should always be followed, including the following.



WARNING

Indicates a potential hazard that could result in death or serious injury if the product is handled incorrectly.

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



- If you are going to use an AC power cord, make sure that it has the correct plug shape and conforms to the specified power voltage.
- Failure to do so may result in fire.

Use only the AC adaptor included with this instrument to power the instrument.



- Do not use other AC adaptors to power this instrument.
- Do not use the included AC adaptor or AC power cord to power other equipment.

Do not insert or disconnect the power cord plug with wet hands.



Doing so may cause electric shock.

The chair must be used properly (it must be used only when playing the product).

- Do not play with it or stand on it.
- Only one person is allowed to sit on it.
- Do not sit on it when opening the lid.
- Re-tighten the bolts occasionally.

Doing so may cause the chair to fall over or your fingers to be trapped, resulting in injury.

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



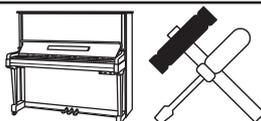
Doing so may result in hearing problems.

Do not lean against the keyboard.



Doing so may cause the product to fall over, resulting in injury.

Do not disassemble, repair or modify the product.



Doing so may result in product breakdown, electric shock or short-circuit.

When disconnecting the AC power cord's plug, always hold the plug and pull it to remove it.



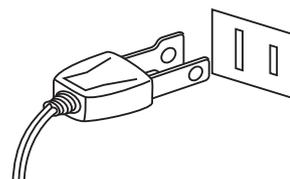
- Pulling the AC power cord itself may damage the cord, causing a fire, electric shock or short-circuit.

The product is not completely disconnected from the power supply even when the power switch is turned off. If the product will not be used for a long time, unplug the AC power cord from the AC outlet.



- Failure to do so may cause fire in case of lightning.
- Failure to do so may over-heat the product, resulting in fire.

This product may be equipped with a polarised line plug (one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.



It is a good practice to place the instrument near the AC outlet and to place the power cord plug in a position that allows the plug to be disconnected easily in the event of an emergency. Electricity is always charging while the plug is in the AC outlet even when the power switch is in the 'OFF' position.



CAUTION

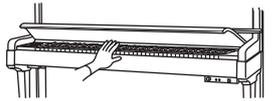
Indicates a potential hazard that could result in injury or damage to the product or other property if the product is handled incorrectly.

Do not use the product in the following areas.

- Areas, such as those near windows, where the product is exposed to direct sunlight
- Extremely hot areas, such as near a heater
- Extremely cold areas, such as outside
- Extremely humid areas
- Areas where a large amount of sand or dust is present
- Areas where the product is exposed to excessive vibrations

Using the product in such areas may result in product breakdown. Use the product only in moderate climates (not in tropical climates).

When closing the fallboard, close it gently.



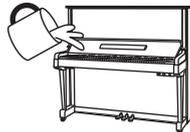
Closing it roughly may trap your fingers, resulting in injury.

Before connecting cords, make sure that the power to this product and other devices is turned OFF.



Failure to do so may cause breakdown of this product and other devices.

Take care not to allow any foreign matter to enter the product.



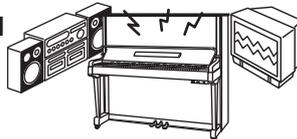
Entry of water, needles or hair pins may result in breakdown or short-circuit. The product should not be exposed to dripping or splashing. No objects filled with liquids, such as vases, should be placed on the product.

Do not drag the product on the floor. Take care not to drop the product.



Please lift up the product when moving it. Please note that the product is heavy and must be carried by more than two persons. Dropping the product may result in breakdown.

Do not place the product near electrical appliances such as TVs and radios.



- Doing so may cause the product to generate noise.
- If the product generates noise, move the product sufficiently away from the electrical appliance or connect it to another AC outlet.

When connecting the AC power cord and other cords, take care not to entangle them.



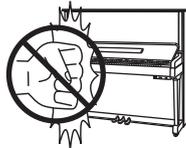
Failure to do so may damage them, resulting in fire, electric shock or short-circuit.

Do not wipe the product with benzene or thinner.



- Doing so may result in discoloration or deformation of the product.
- When cleaning the product, put a soft cloth in lukewarm water, squeeze it well, then wipe the product.

Do not stand on the product or exert excessive force.



- Doing so may cause the product to become deformed or fall over, resulting in breakdown or injury.

Do not place naked flame, such as lighted candles on the product.



Doing so may cause the illumination to fall over, resulting in fire.

Ensure that the ventilation is not impeded by covering the ventilation openings with items, such as newspaper, table-cloths, curtains, etc.



Failure to do so may over-heat the product, resulting in fire.

The product should be located so that its location or position does not interfere with its proper ventilation. Ensure a minimum distance of 5cm around the product for sufficient ventilation.

The product should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the product.
- The product has been exposed to rain.
- The product does not appear to operate normally or exhibits a marked change in performance.
- The product has been dropped, or the enclosure damaged.

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.

CAUTION:

To prevent electric shock, match the wide blade of the plug with the wide socket slot and insert fully.

ATTENTION:

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Instruction for AC power cord (U.K.)

Do not plug either terminal of the power cord to the ground of the AC outlet on the wall.

FCC Information

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.

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 different electrical circuit from the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

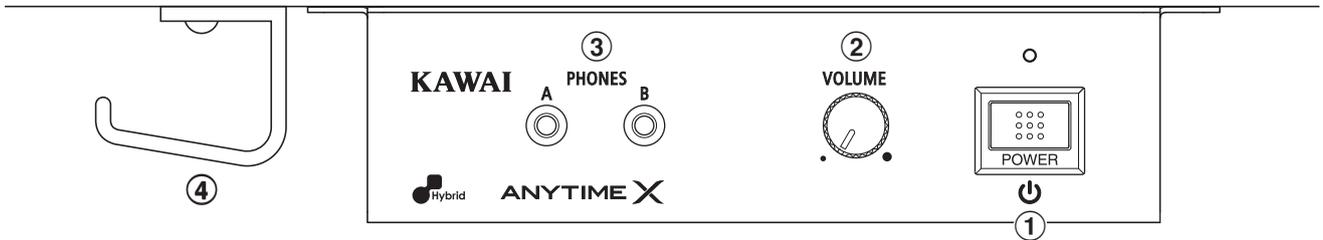
Canadian Radio Interference Regulations

This instrument complies with the limits for a class B digital apparatus, pursuant to the Radio Interference Regulations, C.R.C., c. 1374.

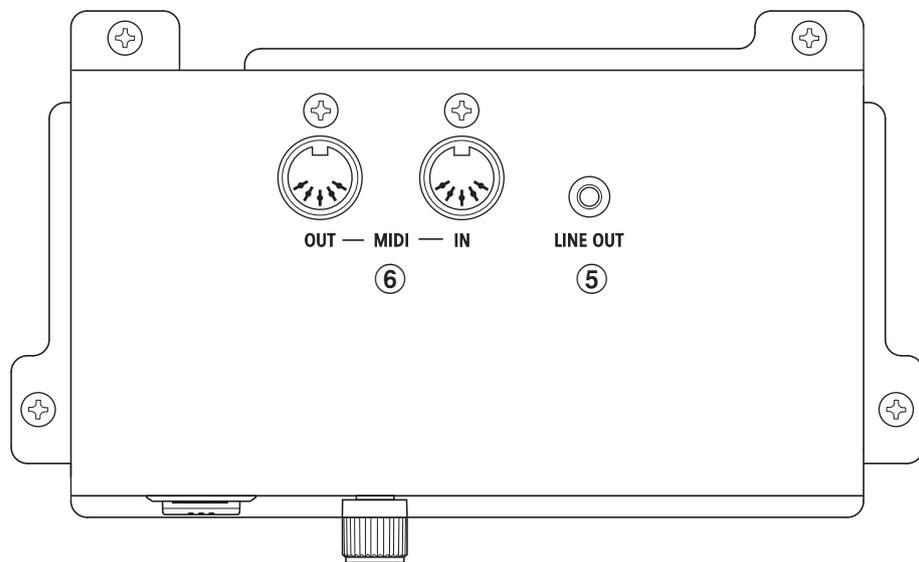
Part Names & Functions

This section explains the location and functions of the control box and connectors.

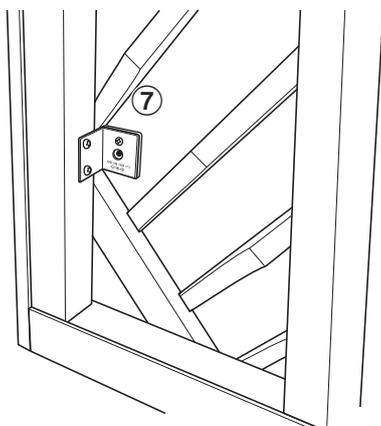
- Front view of the control box:



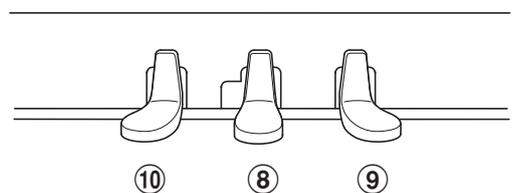
- Underside view of the control box:



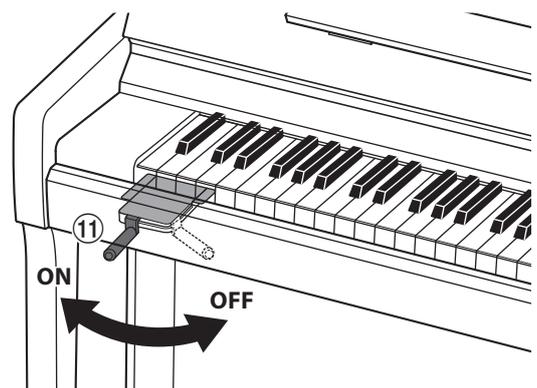
- Rear view of the piano (DC IN jack)



- Pedals



- Muffler lever



① POWER button

Used to turn on/off the control box.
Be sure to turn it off after playing.

*The AnyTimeX2 piano features a power saving mode that can turn off the instrument automatically after a specified period of inactivity. For more information, please refer to the 'Auto Power Off' setting on page 23.

② VOLUME knob

Used to adjust the volume when AnyTime mode is activated.
Turn the knob clockwise to increase the volume.

③ PHONES jacks

Used to connect up to two pairs of headphones simultaneously.

④ Headphone hook

Used to conveniently hang the headphones when not in use.

⑤ LINE OUT jack

Used to connect the AnyTime mode audio signal to an external amplifier, speakers, or recording device such as a computer.

⑥ MIDI IN/OUT jacks

Used to connect the AnyTimeX2 piano to external MIDI devices such as other electronic instruments or computers. (See page 19)

⑦ DC IN jack

Used to connect the AC adaptor.

⑧ Mute Pedal

Used to mute the acoustic piano sound by depressing the pedal and sliding it gently to the left, thus activating AnyTime mode.

Do not attempt to activate/deactivate AnyTime mode while playing the piano as this can cause serious damage to the action mechanism of the instrument.

⑨ Damper Pedal

Used to remove all dampers from the strings, allowing them to vibrate freely. This greatly enriches the piano's sound, while also assisting the pianist to play smooth 'legato' passages.

⑩ Soft Pedal / Sostenuto Pedal

Used to soften the sound, reducing its volume. When the 'Jazz Organ' sound is selected, the soft pedal is used to alternate the speed of the rotary speaker simulation between 'Slow' and 'Fast' effect modes.

It is also possible to use the Soft pedal as a Sostenuto pedal by depressing the pedal while turning on the AnyTimeX2 piano control box. In sostenuto mode, depressing the pedal after playing the keyboard and before releasing the keys sustains the sound of only the keys just played. Any keys that are pressed after the sostenuto pedal is depressed will not be sustained after the keys are released.

Furthermore, the Soft pedal is used to select different sounds, change reverb settings, and adjust various other settings of the AnyTimeX2 piano.

⑪ Muffler lever

Used to activate/deactivate the muffler system of the acoustic piano.

Pull the lever to activate and push it back to deactivate.

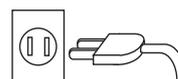
Basic Operation

This section explains the basic procedures for turning the power on, activating AnyTime mode, and performing with headphones.

1. Plug the AC adaptor into the DC IN connector located at the rear of the instrument.

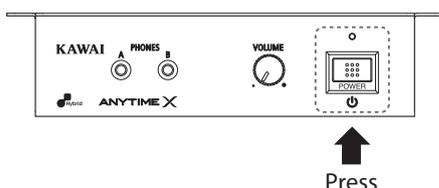


2. Plug the AC adaptor's power plug into the electric wall outlet.



3. Press the POWER button.

The LED above the POWER button will light up to indicate that the AnyTimeX2 control box is turned on.



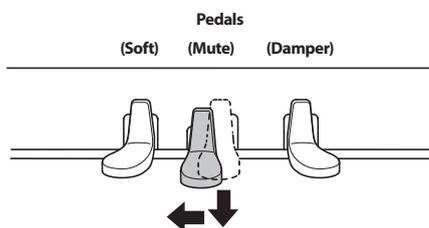
4. Turn the VOLUME knob clockwise to the half-way position.



*The AnyTimeX2 digital piano features a power saving mode that can turn off the instrument automatically after a specified period of inactivity. For more information, please refer to the 'Auto Power Off' setting on page 23.

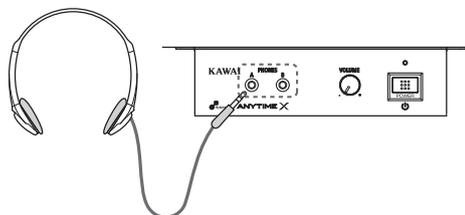
5. Depress the Mute pedal, then slide it gently to the left to mute the acoustic piano sound and activate AnyTime mode.

Do not attempt to activate/deactivate AnyTime mode while playing the piano, as this can cause serious damage to the action mechanism of the instrument.



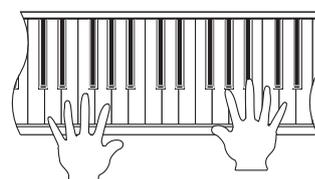
6. Connect a pair of headphones to one of the PHONES jacks located on the front of the control box.

Two pairs of headphones can be connected simultaneously, allowing two people to listen to the AnyTimeX2 piano at the same time.



Play the piano.

The sound of a Concert Grand piano will be played through the headphones, with the acoustic piano sound muted.

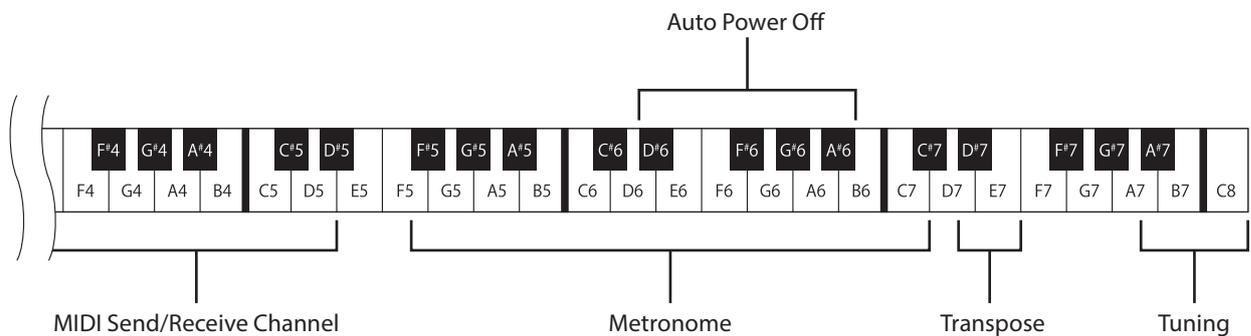
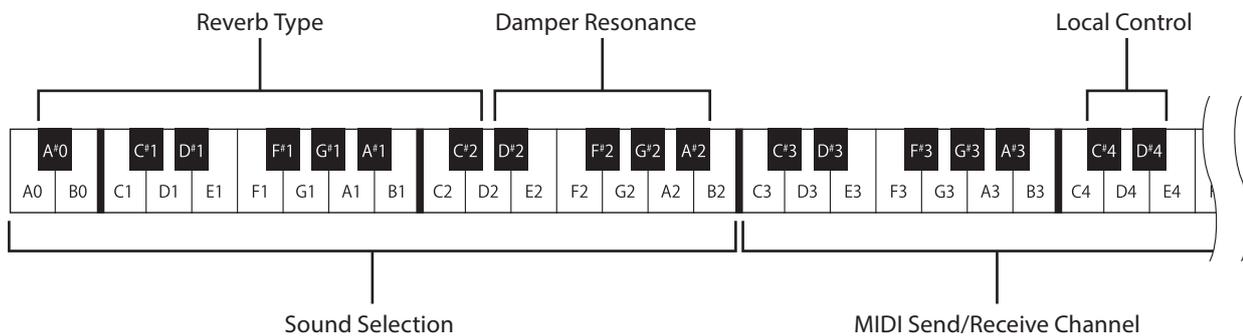


General Operation

This section explains how to combine keyboard and pedal presses to select different sounds, change reverb settings, and adjust various other settings of the AnyTimeX2 piano.

1. Selecting Sounds	4. Tuning	7. MIDI Channel
2. Reverb Type	5. Transpose	8. Local Control
3. Damper Resonance	6. Metronome	9. Auto Power Off

* The following illustrations display the keys assigned to adjusting various settings of the AnyTimeX2 piano.



* Pressing one of the keys indicated in the above illustrations while 'Setting Mode' is activated will allow various settings of the AnyTimeX2 piano to be adjusted. During 'Setting Mode', no sound will be produced when pressing one of those keys, with the exception of the keys used for adjusting the Metronome, which will produce a metronome sound when pressed.

* Pressing keys which are not indicated in the above illustrations will produce the currently selected sound. These keys allow changes to the sound to be heard as they are made.

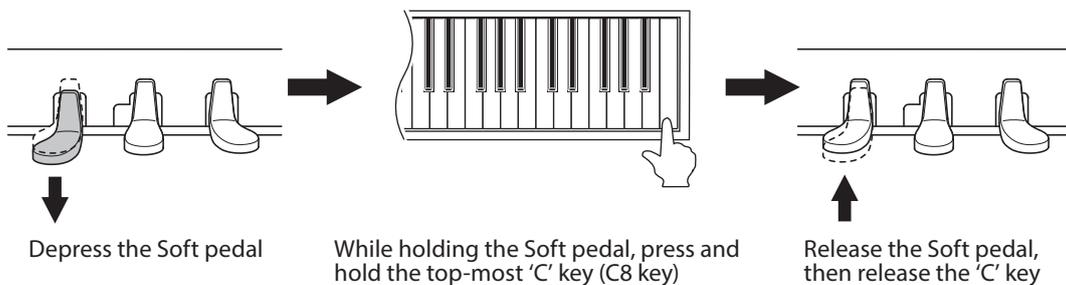
1. Selecting Sounds

The AnyTimeX2 piano features 16 realistic tones/sounds suitable for various musical styles.

Instrument Sounds

Sound Name	Description	Key
Concert Grand	The sound of a KAWAI concert grand piano.	A0
Concert Grand 2		B0
Mellow Grand	The sound of a softly strung grand piano.	C1
Mellow Grand 2		D1
Modern Piano	The sound of a modern grand piano.	E1
Classic E. Piano	The sound of a classic electric piano.	F1
Modern E.P.	The sound of a modern electric piano.	G1
Jazz Organ	The sound of an electronic jazz organ. NOTE: When the 'Jazz Organ' sound is selected, the soft pedal is used to alter the speed of the Drawbar Organ rotary speaker simulation between 'Slow' and 'Fast' effect modes.	A1
Church Organ	The sound of a pipe organ, suitable for Church music etc.	B1
Harpichord	The sound of a Baroque period plucked string instrument.	C2
Vibraphone	The sound of a percussive, tuned instrument played using mallets.	D2
String Ensemble	The sound of an ensemble of strings.	E2
Choir	The sound of an ensemble of singers.	F2
Concert Grand + Slow Strings	The layered sounds of a concert grand and strings with slow attack.	G2
Classic E.Piano + Slow Strings	The layered sounds of a classic electric piano and strings with slow attack.	A2
Church Organ + Choir	The layered sounds of a pipe organ and a choir.	B2

Activating Setting Mode



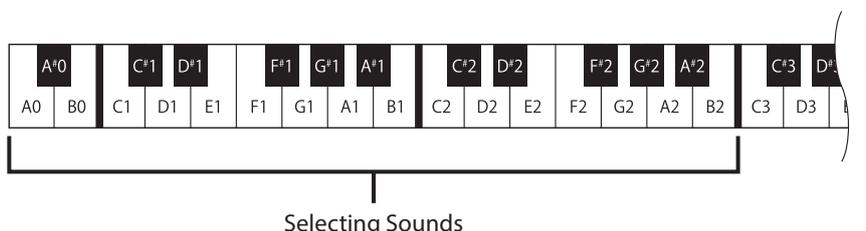
The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

* If the Damper pedal is held while performing the above combination, Setting Mode will not be activated.

* If another key is pressed while depressing the Soft pedal, Setting Mode will not be activated.

Selecting Sounds

Press one of the bottom-most white keys (A0 to B2 keys) to select the desired sound. Please refer to the table above for a list of available sounds and the respective key assignments.



■ Deactivating Setting Mode

After selecting the desired sound, depress the Damper pedal to deactivate Setting Mode.

* The Concert Grand sound will be selected automatically when the power is turned on.

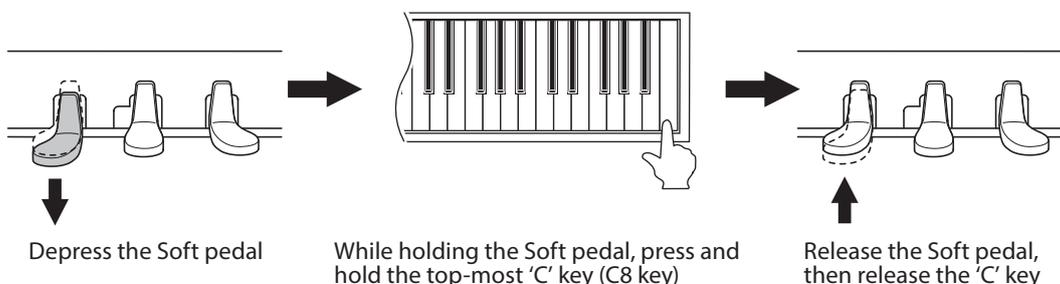
2. Reverb

The Reverb setting adds reverberation to the sound, simulating the acoustic environment of a recital room, stage, or concert hall. The most suitable reverb type is applied automatically when selecting each sound, however it is also possible to select a different reverb type manually if desired.

■ Reverb Type

Reverb Type	Description	Key
Off	Disables the reverb effect.	A#0
Room	Simulates the ambience of a small rehearsal room.	C#1
Lounge	Simulates the ambience of an piano lounge.	D#1
Small Hall	Simulates the ambience of a small hall.	F#1
Concert Hall	Simulates the ambience of a concert hall or theater.	G#1
Live Hall	Simulates the ambience of a live hall or stage.	A#1
Cathedral	Simulates the ambience of a large cathedral.	C#2

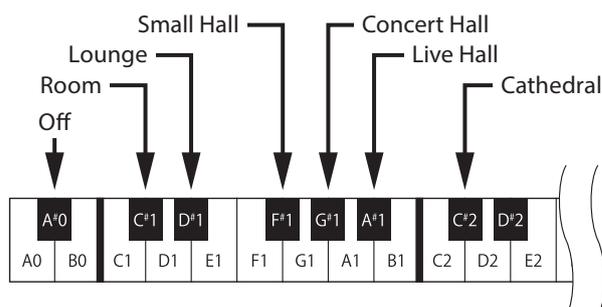
■ Activating Setting Mode



The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

■ Selecting Reverb Type

Press black A#0, C#1, D#1, F#1, G#1, A#1 or C#2 keys to select the desired reverb type. Please refer to the table above for a list of reverb types and the respective key assignments.



■ Deactivating Setting Mode

After selecting the desired reverb type, depress the Damper pedal to deactivate Setting Mode.

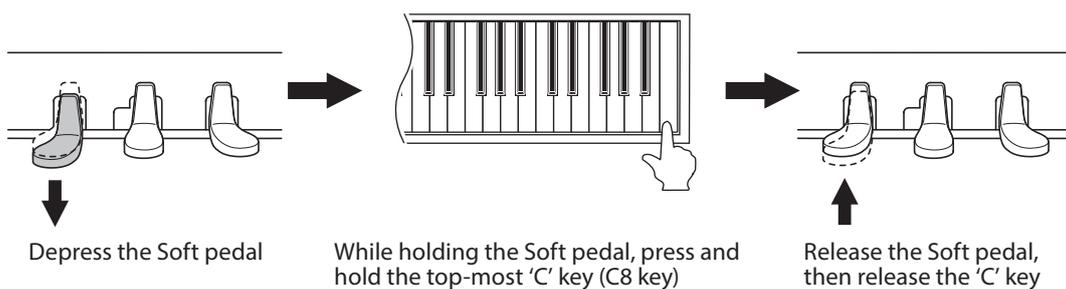
3. Damper Resonance

When the damper pedal is depressed on an acoustic piano, all dampers are lifted up, allowing the strings to vibrate freely. When a note or chord is played on the piano with the damper pedal depressed, not only will the strings of the notes played vibrate, but also the strings of other notes, vibrating in sympathetic resonance. The Damper Resonance function of the AnyTimeX2 piano attempts to simulate this phenomenon.

■ Damper Resonance Type

Damper Resonance Type	Description	Key
Off	Disables the damper resonance effect.	D#2
Small	Piano sounds produce a small amount of damper resonance.	F#2
Medium (default)	Piano sounds produce a medium amount of damper resonance.	G#2
Large	Piano sounds produce a large amount of damper resonance.	A#2

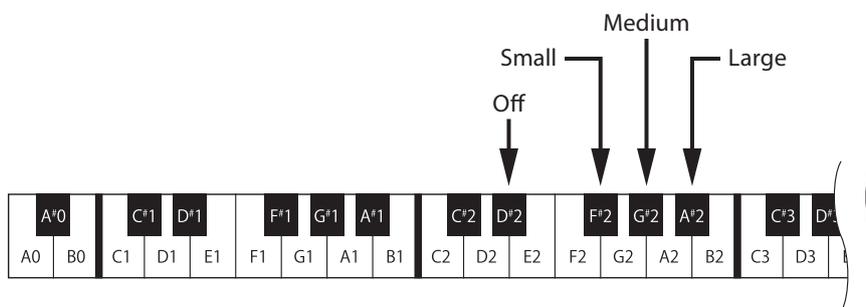
■ Activating Setting Mode



The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

■ Selecting Damper Resonance Level

Press black D#2, F#2, G#2 or A#2 keys to select the desired damper resonance level. Please refer to the table above for a list of damper resonance levels and the respective key assignments.



■ Deactivating Setting Mode

After selecting the desired damper resonance level, depress the Damper pedal to deactivate Setting Mode.

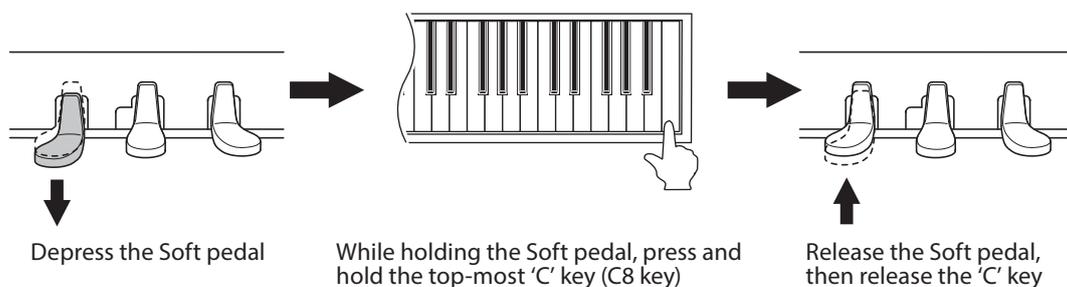
* The Damper Resonance function will only be applied to the Concert Grand, Concert Grand 2, Mellow Grand, Mellow Grand 2, and Modern Piano sounds.

* The damper resonance level will be set to 'Medium' automatically when the power is turned on.

4. Tuning

This function allows the pitch of the AnyTimeX2 piano to be finely adjusted, and may prove useful when playing with other instruments.

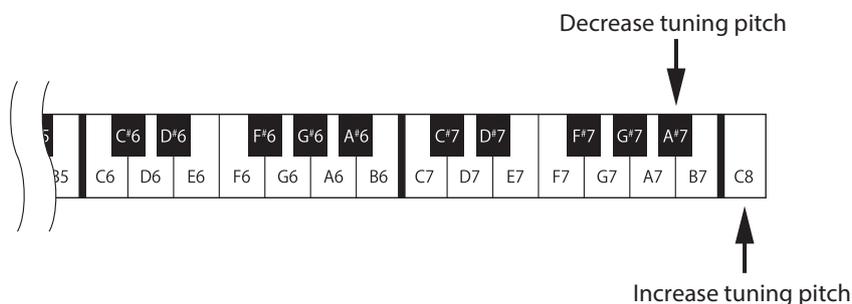
■ Activating Setting Mode



The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

■ Adjusting Tuning Value

Press the top-most 'C' key (C8 key) repeatedly to increase the tuning pitch, or the top-most black key (A#7 key) repeatedly to decrease the tuning pitch.



* The tuning value can be adjusted within the range of 427.0 to 453.0 Hz, altering by 0.5 Hz increments each time C8 or A#7 key is pressed.

* Press A#7 and C8 keys simultaneously to restore the tuning setting to the default value of 440 Hz.

■ Deactivating Setting Mode

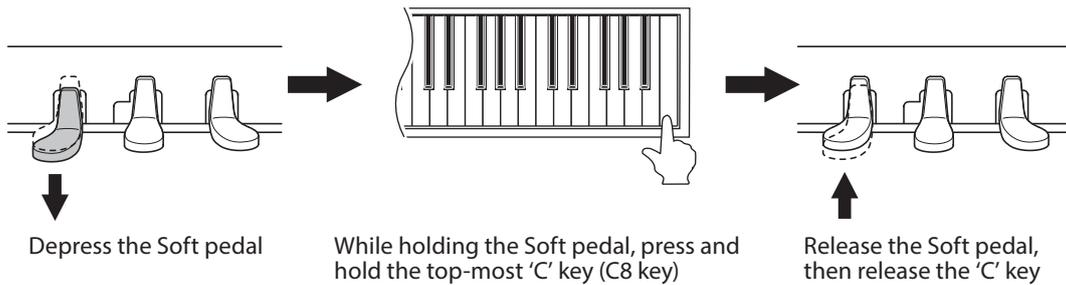
After adjusting the desired tuning value, depress the Damper pedal to deactivate Setting Mode.

* The tuning value will be stored and recalled automatically when the power is turned on. Care must therefore be taken when adjusting this setting.

5. Transpose

The transpose function allows the key of the AnyTimeX2 piano to be raised or lowered in half steps. This is particularly useful when accompanying instruments with different tones, or when a song learned in one key must be played in another key.

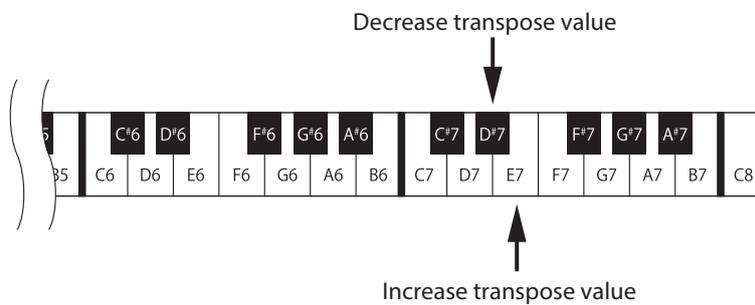
■ Activating Setting Mode



The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

■ Adjusting Transpose Value

Press E7 key repeatedly to increase the transposition value, or D#7 key repeatedly to decrease the transposition value.



* The transpose value can be adjusted within the range of 12 halftones higher or 12 halftones lower.

* Press D#7 and E7 keys simultaneously to restore the transpose setting to the default value of '0'.

■ Deactivating Setting Mode

After adjusting the desired transpose value, depress the Damper pedal to deactivate Setting Mode.

* The transpose value will be set to '0' automatically when the power is turned on.

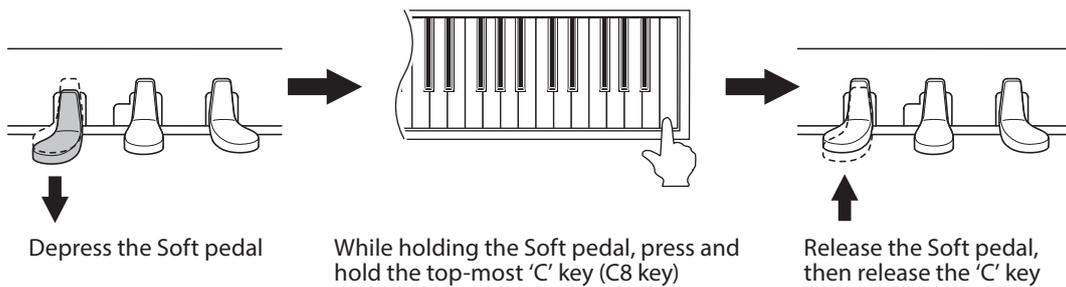
6. Metronome

Rhythm is one of the most important elements when learning music. It is important to practice playing the piano at the correct tempo and with a steady rhythm. The metronome function helps learners to achieve this by providing a steady beat to perform to.

Metronome Function

Metronome Function	Key	Metronome Function	Key
Decrease metronome tempo by 10 BPM	F#5	Stop metronome	F6
Increase metronome tempo by 10 BPM	G5	Start/Set metronome to 1/4 time signature	G6
Decrease metronome tempo by 1 BPM	G#5	Start/Set metronome to 2/4 time signature	A6
Increase metronome tempo by 1 BPM	A5	Start/Set metronome to 3/4 time signature	B6
Decrease metronome volume	C#6	Start/Set metronome to 4/4 time signature	C7
Increase metronome volume	D6		

Activating Setting Mode

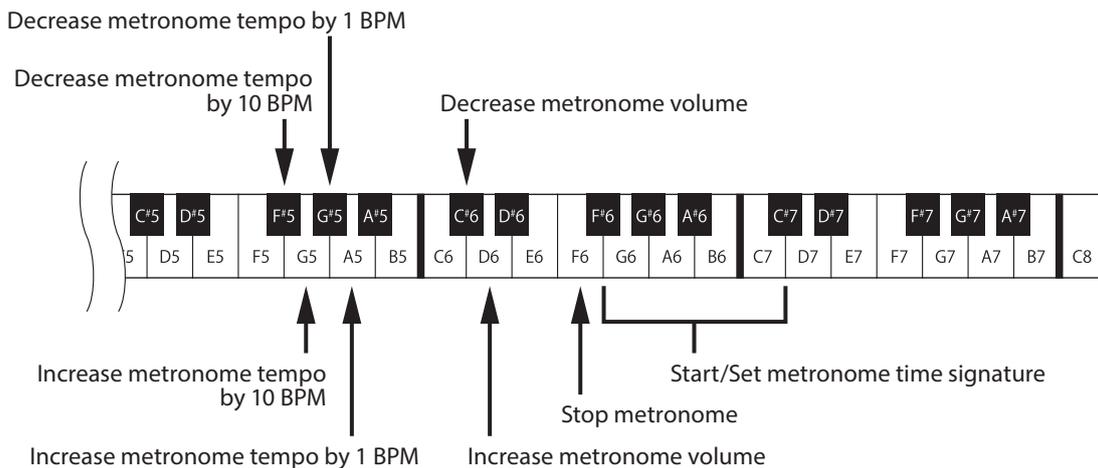


The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

Adjusting Metronome Time Signature, Tempo, and Volume

- * Press G6, A6, B6 or C7 keys to start the metronome and/or set the metronome time signature.
- * Press F#5, G5, G#5 or A5 keys to adjust the metronome tempo.
- * Press white D6 key or black C#6 key to adjust the metronome volume.

Please refer to the table above for a list of metronome functions and the respective key assignments.



General Operation

- * The metronome tempo can be adjusted within the range of 10-300 BPM.
Press F#5 and G5, or G#5 and A5 keys simultaneously to restore the metronome tempo to the default value of 120 BPM.
- * The metronome volume can be adjusted within the range of 1-10.
Press C#6 and D6 keys simultaneously to restore the metronome volume to the default value of '5'.
- * Press white F6 key to stop the metronome.

■ Deactivating Setting Mode

After adjusting the desired metronome settings, depress the Damper pedal to deactivate Setting Mode.

7. MIDI Channel

■ MIDI overview

The term MIDI is an acronym for Musical Instrument Digital Interface, an international standard for connecting synthesizers, sequencers (MIDI recorders) and other electronic instruments in order to exchange performance data.

The AnyTimeX2 piano is equipped with two MIDI jacks for exchanging data: MIDI IN and MIDI OUT. Each uses a special cable with a DIN connector.

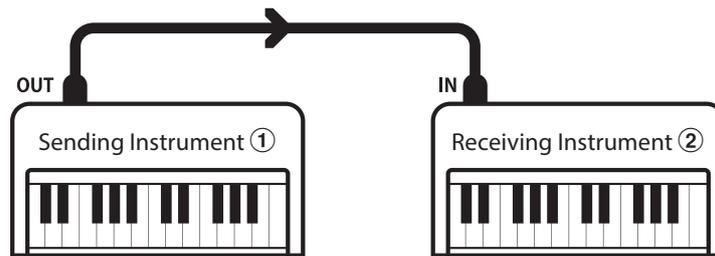
MIDI IN : For receiving note, program change and other data.

MIDI OUT : For sending note, program change and other data.

MIDI uses channels to exchange data back and forth between MIDI devices. There are receive (MIDI IN) and transmit (MIDI OUT) channels. Most musical instruments or devices with MIDI functions are equipped with both MIDI IN and MIDI OUT jacks and are capable of transmitting and receiving data via MIDI.

The receive channels are used to receive data from another MIDI device and the transmit channels are used to transmit data to another MIDI device.

MIDI connection example:



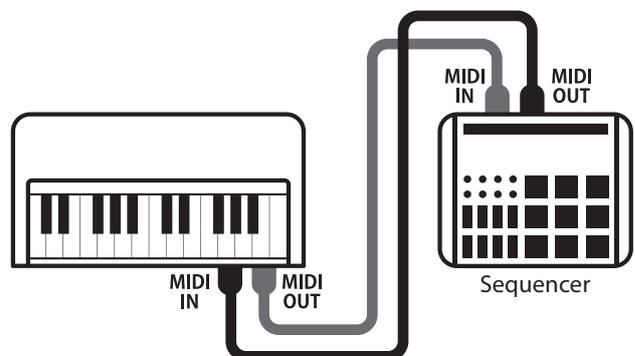
When connected as shown in the illustration above, MIDI data sent from ① will be also played on ② if both channels match.

MIDI instruments have 16 channels for sending and receiving MIDI data.

■ MIDI examples

◆ Connection to a sequencer:

When connected as shown in this illustration, songs played on the AnyTimeX2 piano can be recorded with a sequencer, and then played back at any time.



■ AnyTimeX2 MIDI functions

The AnyTimeX2 piano is capable of the following MIDI functions:

- ◆ Sending/Receiving keyboard note information (i.e. which keys are pressed).
- ◆ Sending/Receiving pedal information (i.e. ON/OFF data for the damper, soft and sostenuto pedals).
- ◆ Receiving volume data (i.e. adjusting the volume of the AnyTimeX2 piano using a separate MIDI instrument).
- ◆ Sending/Receiving exclusive data.

Please refer to the complete listing on page 25 - MIDI Implementation Chart - for more information regarding MIDI functionality.

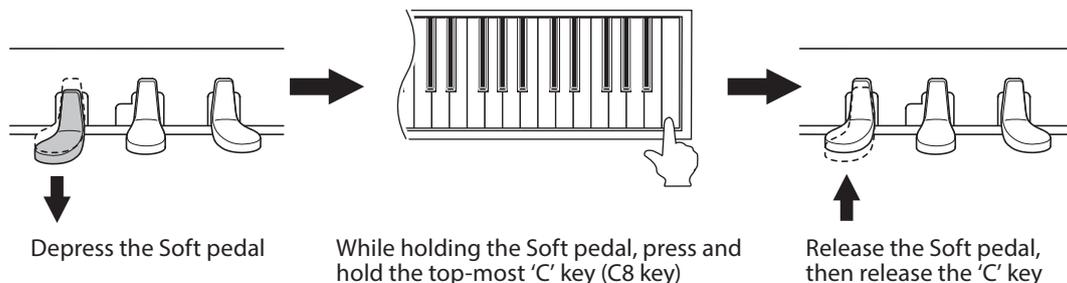
- ◆ Sending/Receiving MIDI Program Change numbers

Sound Name	Program Number
Concert Grand	1
Concert Grand 2	2
Mellow Grand	3
Mellow Grand 2	4
Modern Piano	5
Classic E. Piano	6
Modern E.P.	7
Jazz Organ	8
Church Organ	9
Harpsichord	10
Vibraphone	11
String Ensemble	12
Choir	13
Concert Grand + Slow Strings	14
Classic E.Piano + Slow Strings	15
Church Organ + Choir	16

The MIDI Channel function is used to determine on which MIDI channel the AnyTimeX2 piano will exchange MIDI information with external MIDI devices and instruments.

The selected channel will function as both the Transmit and Receive channel.

■ Activating Setting Mode

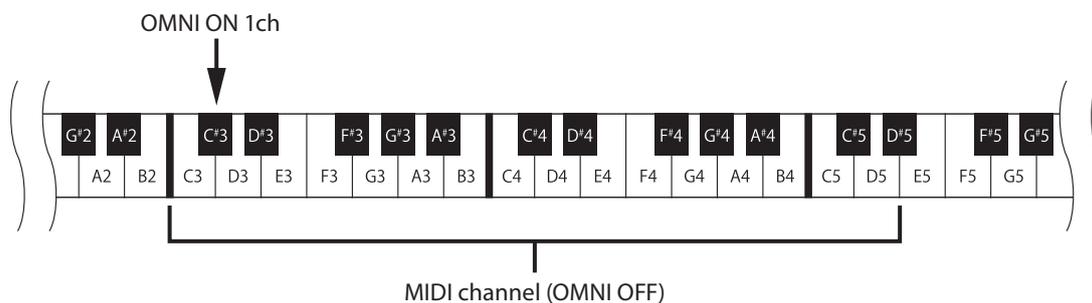


The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

■ Adjusting MIDI Channel

Press white C3 to D5 keys to adjust the MIDI channel.

Please refer to the table below for a list of MIDI channels and the respective key assignments.



Key	C3	D3	E3	F3	G3	A3	B3	C4	D4	E4	F4	G4	A4	B4	C5	D5
MIDI Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

* The MIDI channel can be adjusted within the range of 1-16.

* Press black C#3 key to allow MIDI information to be received from all channels.

This is often referred to as 'OMNI ON'. If, a specific MIDI channel is selected, the AnyTimeX2 piano will be set to 'OMNI OFF' and data will only be received on that specified channel.

■ Deactivating Setting Mode

After adjusting the desired MIDI channel settings, depress the Damper pedal to deactivate Setting Mode.

* The MIDI channel setting will be set to 'OMNI ON 1ch' automatically when the power is turned on.

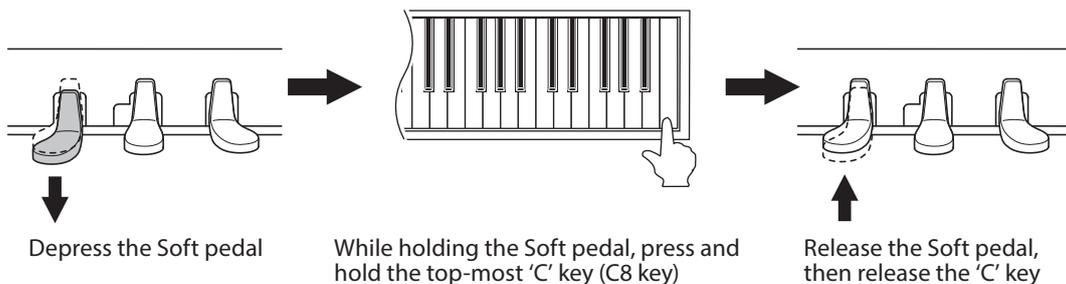
8. Local Control

This function determines whether the AnyTimeX2 piano will play a sound when the keyboard is played. With Local Control set to 'On', the AnyTimeX2 piano will play a sound when the keyboard is played. However, even with Local Control set to 'Off', the AnyTimeX2 piano keyboard will continue to transmit data on the selected MIDI channel to an external MIDI device or personal computer.

Local Control Settings

Local Control	Description	Key
Off	The instrument will transmit information to an external MIDI device only.	C#4
On (default)	The instrument will play an internal sound and transmit information to an external MIDI device.	D#4

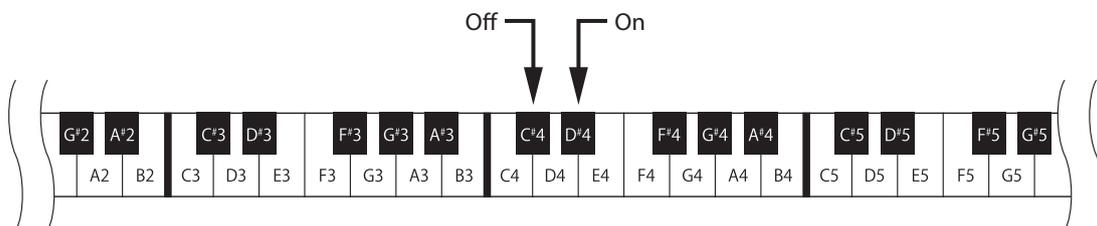
Activating Setting Mode



The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

Adjusting Local Control

Press black C#4 or D#4 keys to adjust the local control setting.



Deactivating Setting Mode

After adjusting the desired local control settings, depress the Damper pedal to deactivate Setting Mode.

* The local control setting will be set to 'On' automatically when the power is turned on.

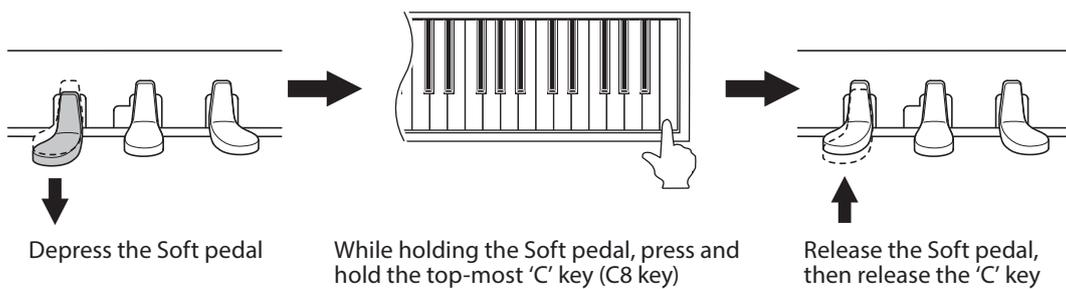
9. Auto Power Off

The AnyTimeX2 Piano features a power saving function that can be used to automatically turn off the instrument after a specified period of inactivity.

■ Auto Power Off Settings

Auto Power Off	Description	Key
Off	The Auto Power Off function is disabled.	D#6
30 min. (default)	The instrument will turn off automatically after 30 minutes of inactivity.	F#6
60 min.	The instrument will turn off automatically after 60 minutes of inactivity.	G#6
120 min.	The instrument will turn off automatically after 120 minutes of inactivity.	A#6

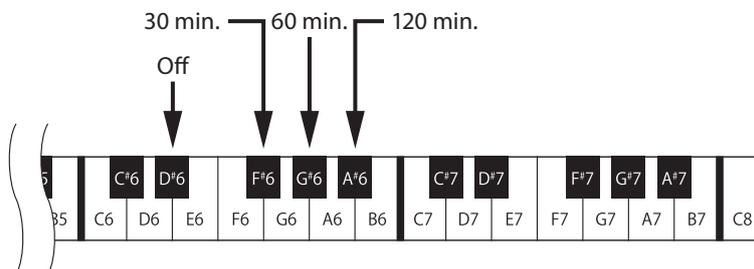
■ Activating Setting Mode



The above combination of holding the Soft pedal while pressing the top-most 'C' key will activate Setting Mode.

■ Adjusting auto power off settings

* Press the key assigned to the desired Auto Power Off setting.



* The Auto Power Off setting will be stored automatically, and recalled every time the instrument is turned on.

Specifications

■ KAWAI Model ATX2-p

Polyphony	Maximum 192 notes
Sounds	Concert Grand, Concert Grand 2, Mellow Grand, Mellow Grand 2, Modern Piano, Classic E. Piano, Modern E.P., Jazz Organ, Church Organ, Harpsichord, Vibraphone, String Ensemble, Choir, Concert Grand + Slow Strings, Classic E.Piano + Slow Strings, Church Organ + Choir
Reverb	Room, Lounge, Small Hall, Concert Hall, Live Hall, Cathedral
Metronome	Time signatures: 1/4, 2/4, 3/4, 4/4 Tempo: 10-300 BPM
Transpose	From -12 to +12 halftones
Other Functions	Damper Resonance (Small, Medium, Large), Tuning
Pedals	Damper (8 levels), Soft (switchable to Sostenuto)
Jacks	Headphones x2, MIDI (IN, OUT), LINE OUT (stereo mini), DC IN
Power	DC 15V (using included AC adaptor)
Power Consumption	5W (using included AC adaptor)
Accessories	Headphones, AC adaptor (PS-153), Owner's Manual

MIDI Implementation Chart

■ KAWAI Model ATX2-p

Date : JAN 2014 Version : 1.0

Function		Transmit	Receive	Remarks
Basic channel	At power-up	1	1	
	Settable	1 - 16	1 - 16	
Mode	At power-up	Mode 3	Mode 1	** Omni mode is on at power-up. Omni mode can be turned off through MIDI channel setting operations.
	Message	×	Mode 1, 3**	
	Alternative	*****	×	
Note number	Range	21 - 108*	0 - 127	* 9 - 120, including transpose
		*****	0 - 127	
Velocity	Note on	○ 9nH v=1-127	○	
	Note off	× 8nH v=64	×	
After touch	Key specific	×	×	
	Channel specific	×	×	
Pitch bend		×	×	
Control change	7	×	○	Volume
	64	○ (Right pedal)	○	Damper pedal
	66	○ (Left pedal)***	○	***Sostenuto pedal ¹
	67	○ (Left pedal)	○	Soft pedal
Program change settable range		○ (0 - 12) *****	○ 0 - 12	
Exclusive		○	○	
Common	Song position	×	×	
	Song selection	×	×	
	Tune	×	×	
Real time	Clock	×	×	
	Commands	×	×	
Other functions	Local On / Off	×	○	
	All notes Off	×	○ (123 - 127)	
	Active sensing	×	○	
	Reset	×	×	
Remarks	¹ Notes : Control Change #66 will function only when the Soft/Sostenuto pedal is set to 'Sostenuto Pedal' mode (see page 9). Control Change #67 will function only when the Soft/Sostenuto pedal is set to 'Soft Pedal' mode (default).			

Mode 1: omni mode On, Poly
 Mode 3: omni mode Off, Poly

Mode 2: omni mode On, Mono
 Mode 4: omni mode Off, Mono

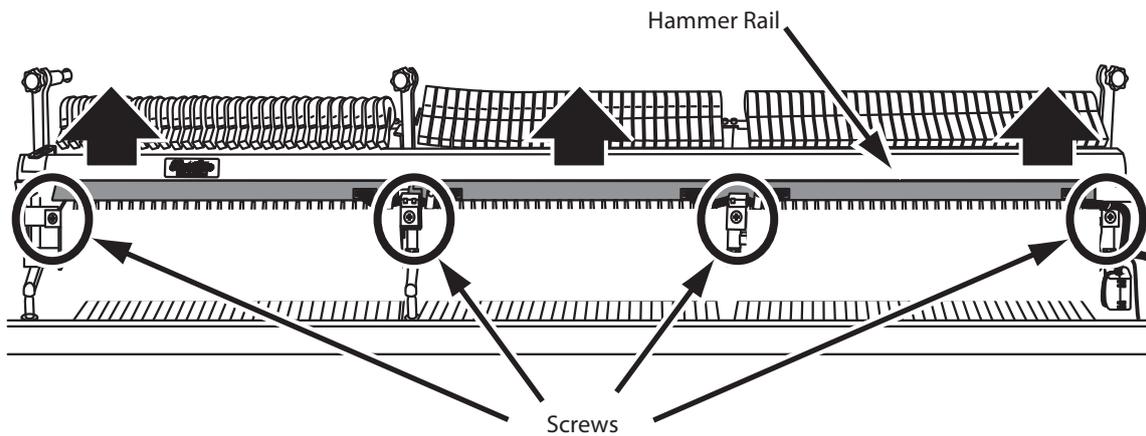
○ : Yes
 × : No

Maintenance Precautions

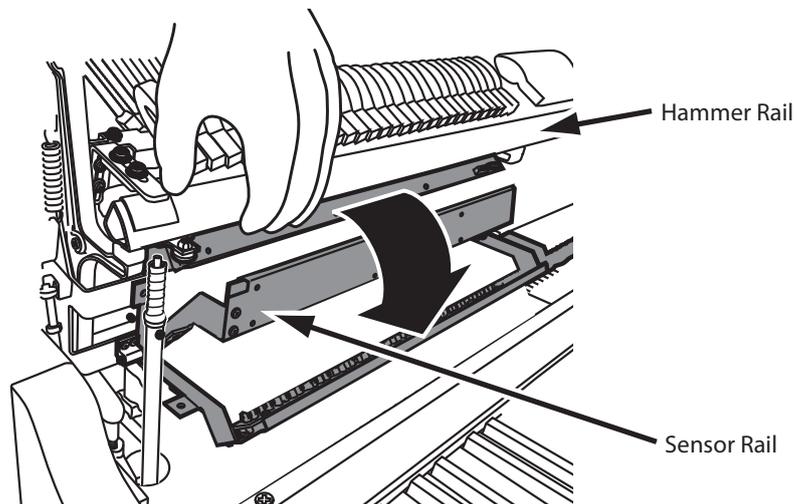
Please read the following information before attempting maintenance/servicing of the AnyTimeX2 piano.

■ Lowering the Sensor Rail

1. Remove the four screws from the points shown below, then raise the hammer rail.

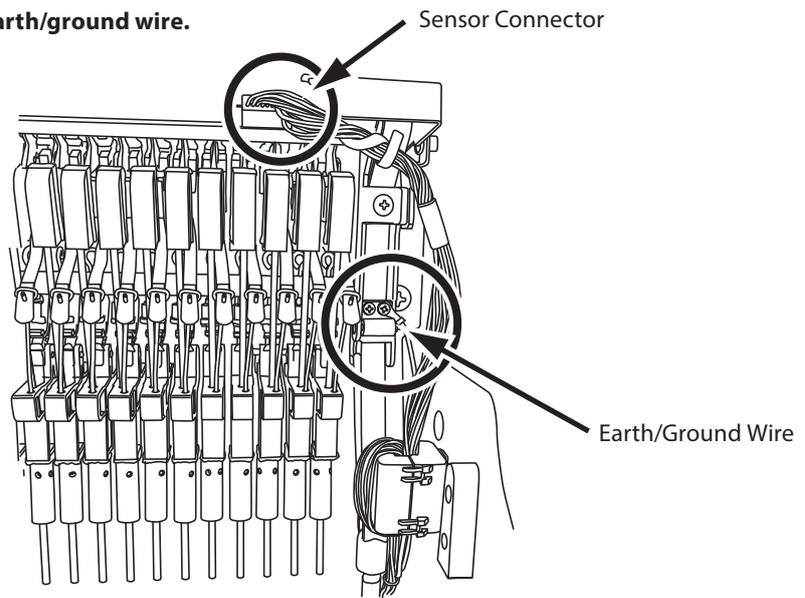


2. While holding the hammer rail, lower the sensor rail forward gently.

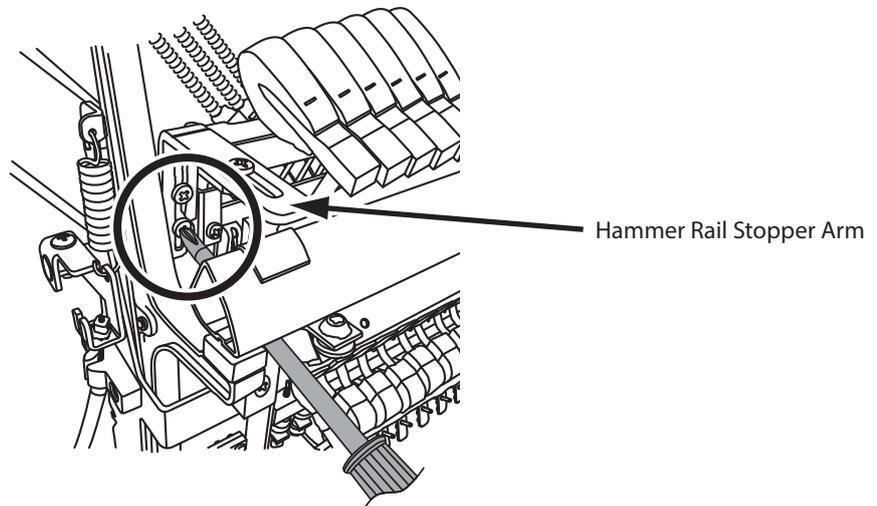




When removing the action, be sure to disconnect both the sensor connector and the earth/ground wire.



When removing the muting wire from the action, first loosen the two adjustment screws on the Hammer Rail Stopper Arm.



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