KURZWEIL®

MP120A
USER'S
MANUAL

English Manual

HDC YOUNG CHANG

KURZWEIL®

IMPORTANT SAFETY & INSTALLATION INSTRUCTIONS

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

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

1. Read all the Safety and Installation Instructions and Explanation of Graphic Symbols before using the product.

2. This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a power supply cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

   DANGER: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Do not modify the plug provided with the product – if it will not fit the outlet, have a proper outlet installed by a qualified electrician. Do not use an adaptor which defeats the function of the equipment-grounding conductor. If you are in doubt as to whether the product is properly grounded, check with a qualified serviceman or electrician.

3. Do not use this product near water – for example, near a bathtub, washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.

4. This product should only be used with a stand or cart that is recommended by the manufacturer.

5. This product, either alone or in combination with an amplifier and speakers or headphones, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

6. This product should be located so that its location or position does not interfere with its proper ventilation.

7. The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.

8. The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.

9. This product may be equipped with a polarized 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.

10. The power supply cord of the product should be unplugged from the outlet when left unused for a long period of time. When unplugging the power supply cord, do not pull on the cord, but grasp it by the plug.

11. Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

12. The product should be serviced by qualified service personnel when:

    A. The power supply, power cord or plug have been damaged;

    B. Objects have fallen, or liquid has been spilled into the product;

    C. The product has been exposed to rain;

    D. The product does not appear to be operating normally or exhibits a marked change in performance;

    E. The product has been dropped, or the enclosure damaged.

13. Do not attempt to service the product beyond that described in the user maintenance instructions. All other servicing should be referred to qualified service personnel.

14. **WARNING:** Do not place objects on the product's power supply cord, or place the product in a position where anyone could trip over, walk on, or roll anything over cords of any type. Do not allow the product to rest on or be installed over cords of any type. Improper installations of this type create the possibility of a fire hazard and/or personal injury.

RADIO AND TELEVISION INTERFERENCE

WARNING: Changes or modifications to the instrument not expressly approved by Young Chang could void your authority to operate the instrument.

IMPORTANT: When connecting this product to accessories and/or other equipment use only high quality shielded cables.

NOTE: This instrument 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 instrument 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 instrument does cause harmful interference to radio or television reception, which can be determined by turning the instrument 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 instrument and the receiver.

• Connect the instrument into an outlet on a circuit other than the one to which the receiver is connected.

• If necessary consult your dealer or an experienced radio/television technician for additional suggestions.

The normal function of the product may be disturbed by strong electromagnetic interference. If so, simply reset the product to resume normal operation by following the instructions in the manual. If normal function does not resume, please use the product in another location.

NOTICE

This apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

AVIS

Le present appareil numerique n'emet pas de bruits radioelectriques depassant les limites applicables aux appareils numeriques de la class B prescrites dans le Reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada.

SAVE THESE INSTRUCTIONS

Installation Site and Precautions
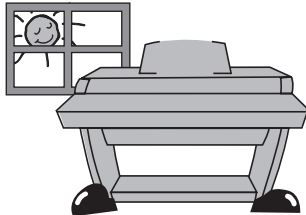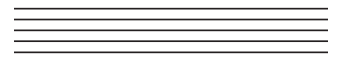
- Avoid direct sunlight.
- Avoid exposing this product to rapid changes in temperature.
- Avoid excessive dusty or dirty location.
- Do not place near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
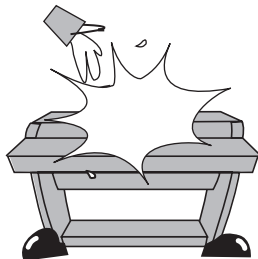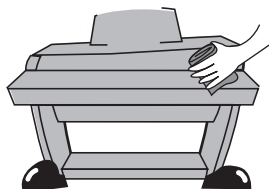
- Do not place objects, such as vases, glasses, and coffee cups, on the product.
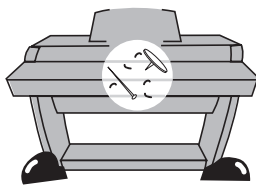
- Do not let paper, metallic, or other objects into the instrument.
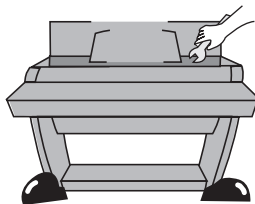
- Do not open inside personally.
- When repair is needed, please contact the Kurzweil A/S center

- Clean only with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids, or chemical-impregnated wiping cloths.

Contents

Primary Features

Congratulations on your purchase of a MP120A.
You are certain to enjoy many hours exploring the variety of features as well as 30 kinds of the beautiful preset voices.

1. Primary features

- 88-NOTE, Fully-Weight, Graded Hammer-Action, 3-Point Sensor Keyboard
- 30 Voices + 128 GM Voices
- 20 Rhythm patterns
- 5 x 7 Dot Matrix LCD Display
- Duo Mode
- Layer/Split/Traspose Mode
- 256 Voice Polyphony
- Favorite Button for piano voice
- Performance Recorder
- Compatible with MIDI & Computer files
- 50 Built-in Demo Songs
- Built-in educational songs (Beyer, Czerny, Sonatine, Hanon, Burgmuller)
- Built-in Sustain Pedal, Sostenuto Pedal and Soft Pedal
  (Half Pedal, String/Damper Resonance)
- 10 levels of keyboard sensitivity
- Stereo Audio Input and Output
- Two Headphone Inputs
- USB MIDI In and Out ports, Audio connection
- Smart Audio In and Out ports (4-pole)
- Auto Power Off
- Bluetooth

Assembly Instructions

Instrument Description

Upper Cover

Arms

Music stand

Legs

Back Panel

Side Panel

Pedal Box

Feet
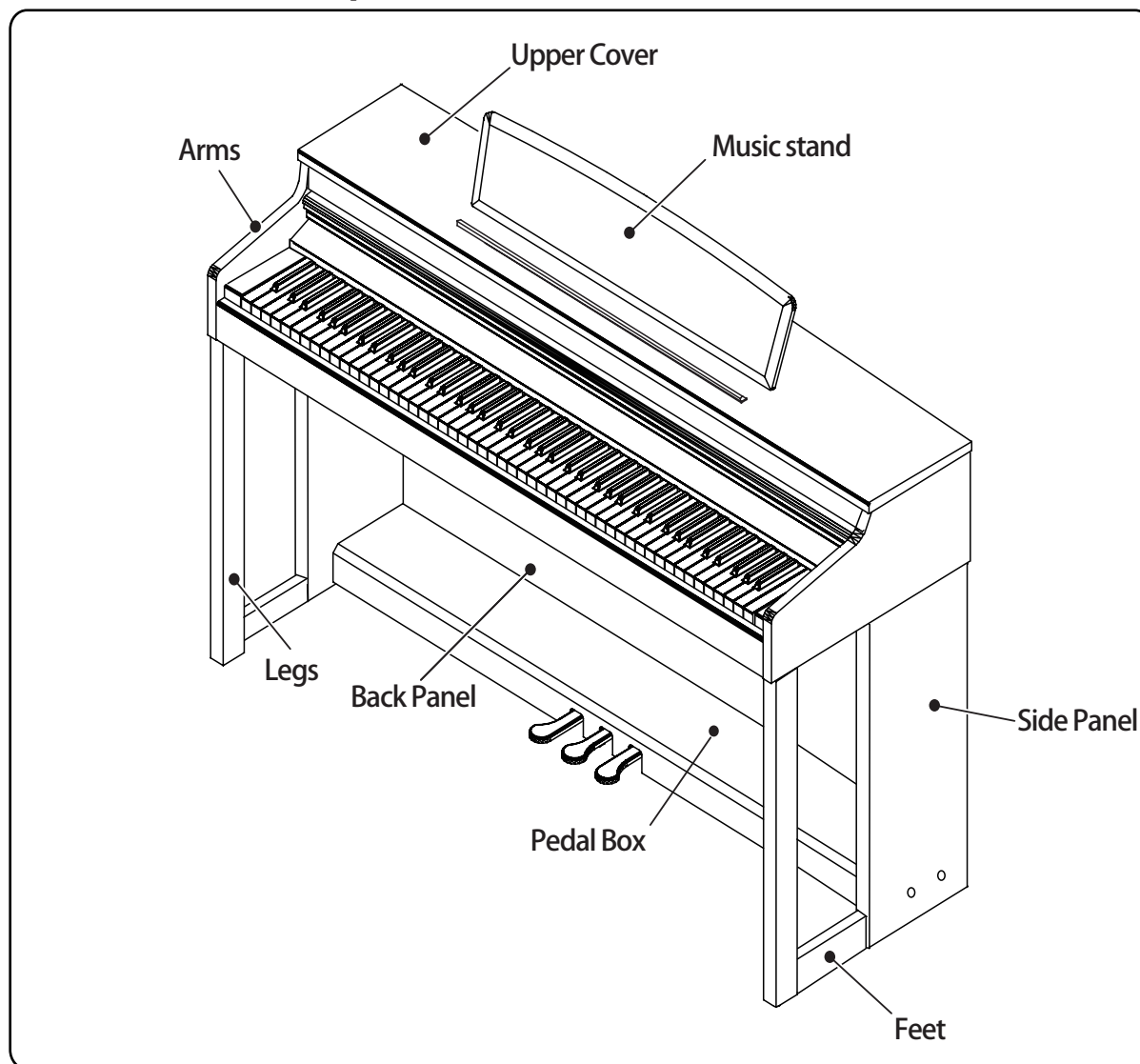
Components

Please check the components below

❶ Piano Body	1	
❷ Side Pannel(Left) Stand	1	
❸ Side Pannel(Right) Stand	1	
❹ Pedal Box	1	
❺ Back Panel	1	

❻ Side Panel(Left/Right) Stand & Piano Body Set Bolts	4	
❼ Side Panel(Left/Right) Stand & Pedal Box Set Bolts	4	
❽ Back Panel Set Bolts	2	
❾ Back Panel & Pedal Box/Piano Body Set Screws	6	
❿ Cable Clamps	2	
⓫ Pedal Box Supports	2	

❻ Side Pannel Stand & Piano Body Set Bolts

❷ Side Pannel (Left) Stand

❾ Side Pannel Set Screws

❶ Piano Body

❺ Back Panel

❾ Back Panel Set Screws

❽ Back Panel Set Bolts

⓫ Pedal Box Supports

❹ Pedal Box

Pedal Bolt

⓫ Pedal Box Supports

❸ Side Pannel (Right) Stand

❼ Pedal Box Set Bolts

❻   ❼   ❽   ❾   ❿   ⓫
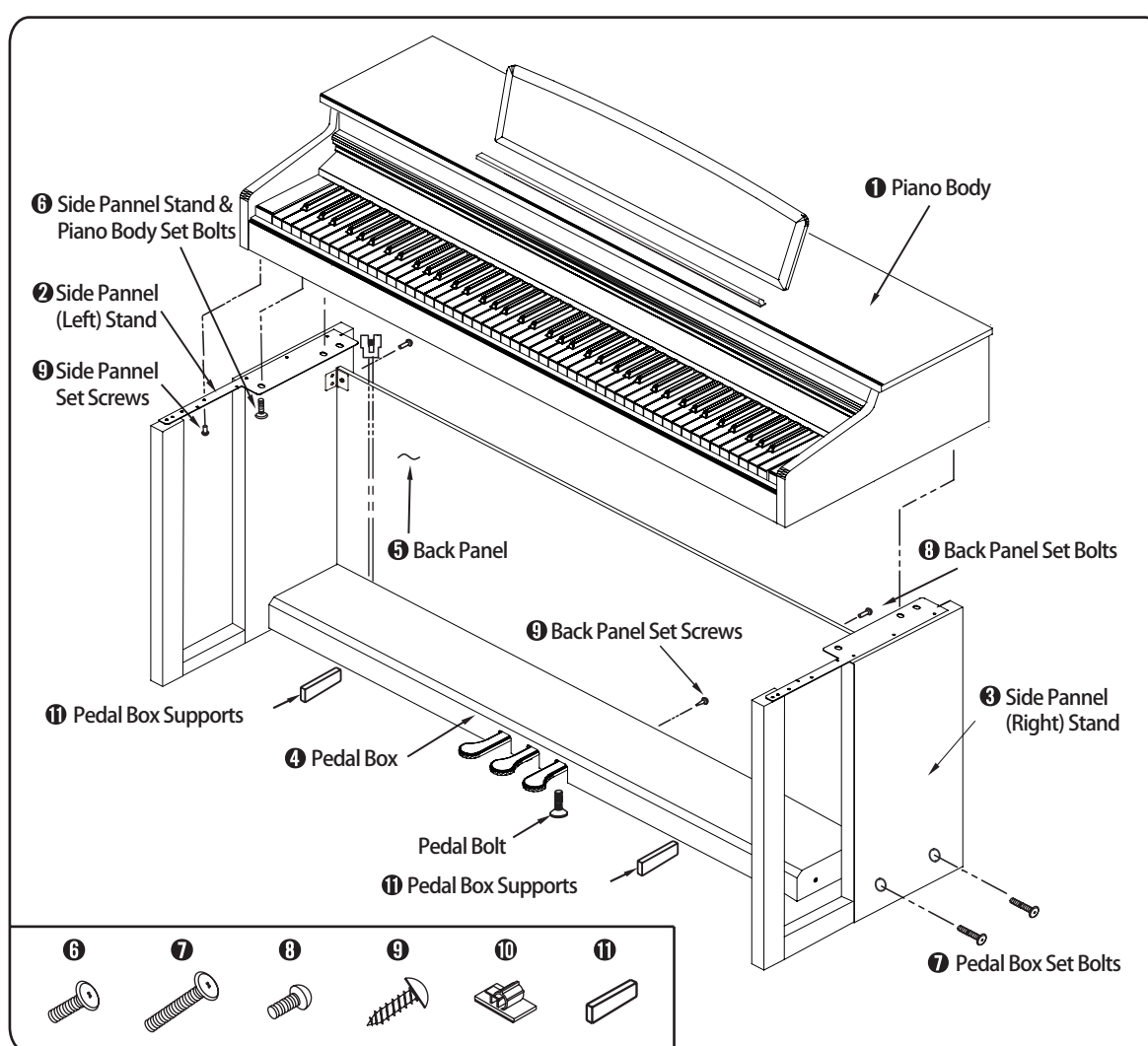
Carton Contents
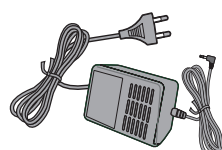
DC Power Adapter   User's Manual
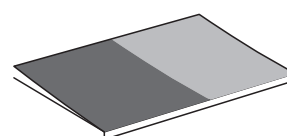
Assembly Instructions

Assembling Left/Right Side Panel Stand

❷ Side Panel(Left) Stand

❹ Pedal Box

⓫ Pedal Box Support

❸ Side Panel(Right) Stand
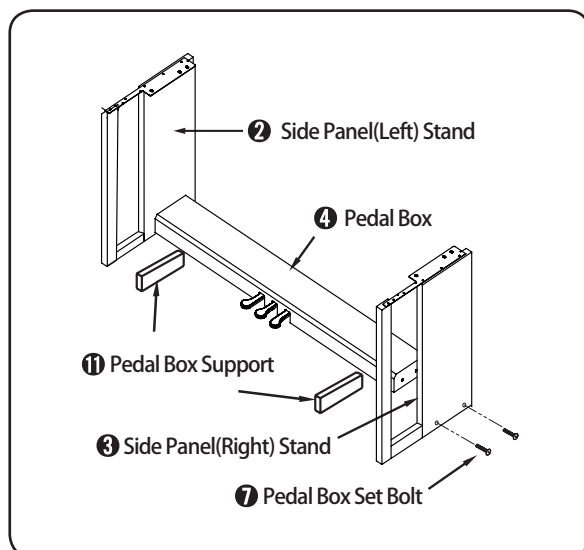
❼ Pedal Box Set Bolt

1) Put the cable in the Pedal Box❹ out.

2) Starting with the left stand leg❷ ,
place the Pedal Box❹ on the Pedal Box
Supports⓫, align the holes in the Pedal Box❹
with the holes in the Stand Leg, then thread
the Pedal Box Set Bolts❼ into the holes.

3) Repeat with the right stand❸ and tighten all bolts
fully.

Assembling Back Panel

❺ Back Panel

Pedal Cable

❽ Back Panel Set Bolt

❿ Cable Clamps

❾ Back Panel Set Screw
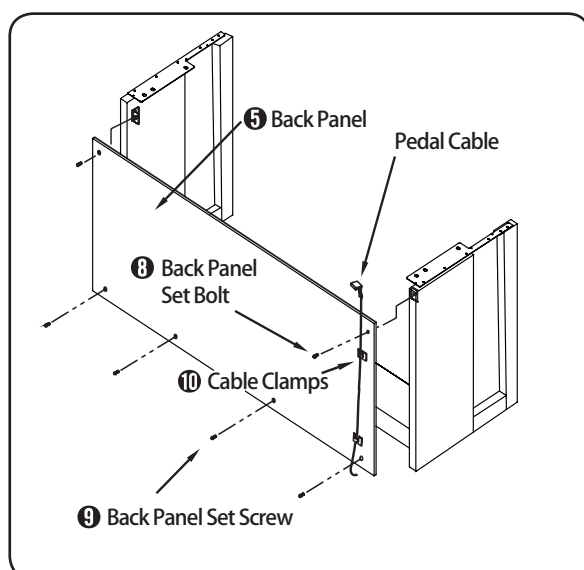
1) Place the Back Panel❺ on the assembled stand
legs. Align the holes in the Back Panel❺ with the
bracket in the stand legs, then fasten them by
using the Back Panel Set Bolts❽ as shown.

2) Attach the Pedal Box❹ to the bottom of the Back
Panel❺ and thread the Back Panel Set Screws❾
into the 4 holes.

3) After placing the Cable Clamps❿ over the pedal
cable, stick it on the back panel, then arrange
the cable behind the Back Panel❺.

Caution

Please arrange the pedal cable after completely
assembling the back panel with the side panel
and pedal box.

❶ Piano Body

Pedal Cable

❻ Side Panel Stand
& Piano Body Set Bolt

Pedal Bolt
Caution

❾ Side Panel Set Screw

❼ Pedal Box Set Bolts
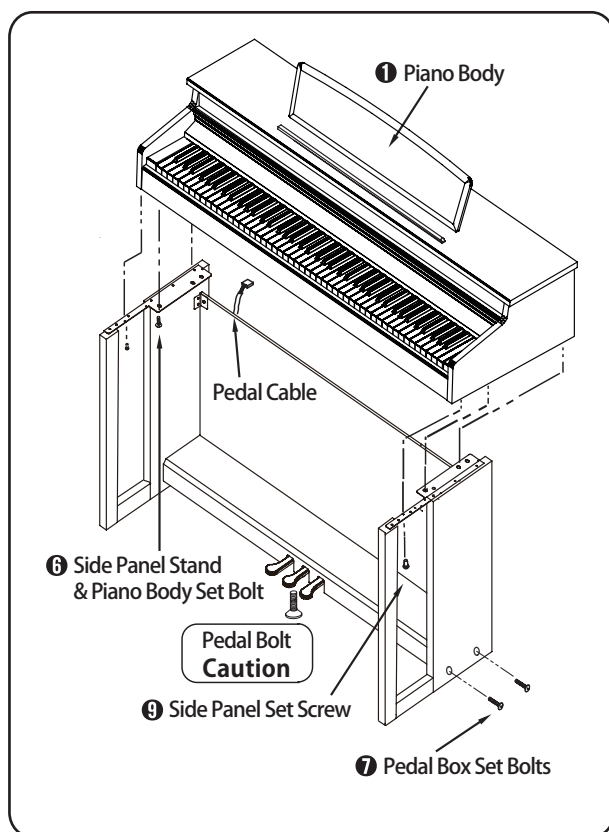
1) After putting the Piano Body on each side of the stand, align the 4 holes in the stands with the holes in the bottom of the Piano Body.

> Before tighten up the bolts, do not press Piano Body (especially for keys).
> The body may fall forward.

2) Fix them by using the Set Bolts❻.

3) Thread the Side Panel Set Screw❾ into the hole in the connecting bracket (front Stand).

4) Connect the Pedal Cable with the pedal terminal in the Piano Body.

5) After decide the place for the piano, loose the Pedal Bolt when it goes to the ground to avoid damaging the Pedal Box with playing the piano.

> **Warning**
> Unless you loose the Pedal Bolt, it can be damaged.

How to connect Pedal Cable
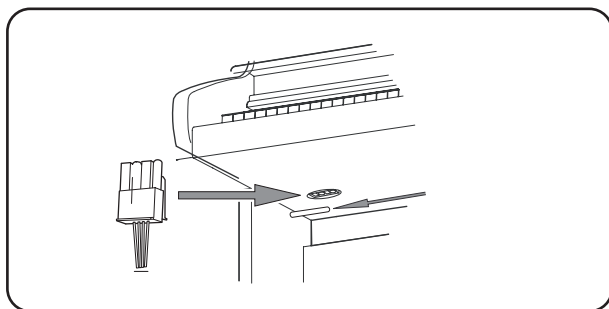
Insert the pin until it makes a "Tick" sound.
If the pin is bent or is not completely connected, the Pedal will not work.

● When the assembly is complete, connect the pedal cable to the port in the bottom of piano body
● If the pedal cable is not completely connected, the pedal will not work.
● Dress the pedal cable by using the cable clamps.

After decide the place for the piano, loose the pedal bolt when it goes to the ground to avoid damaging the pedal box with playing the piano.

2. Power Connection
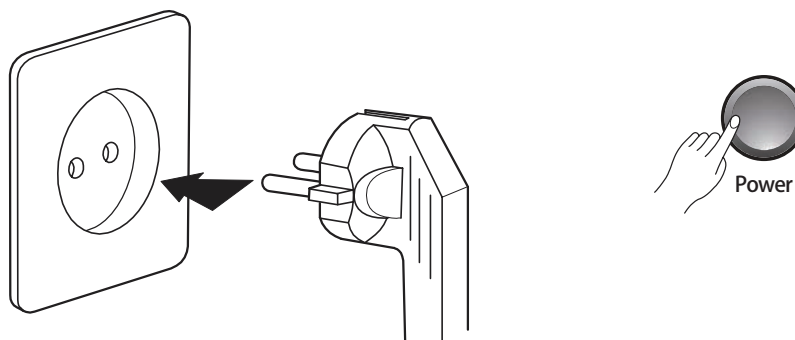
Power

MP120A uses a free voltage(110V~240V) power adaptor.
Before connecting the AC power cord, please check whether the power switch is
"Off " or not.

When the MP120A is set up, turn the power on. After a couple of seconds, the LCD
screen will show the current state and the [Piano] button will light up.
The MP120A is now ready to play.

3. Master Volume

Volume

SMARTI/O

Power

Bluetooth
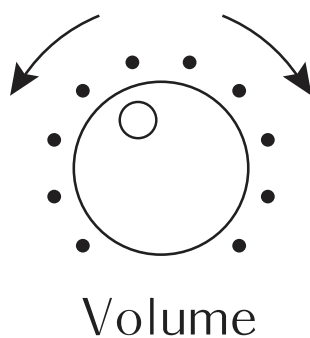
VOLUME

Volume Control is located on the right end of the keyboard.
Turn this knob from left to right (clockwise) to increase the volume,
the volume increases and vice versa.

Left Panel
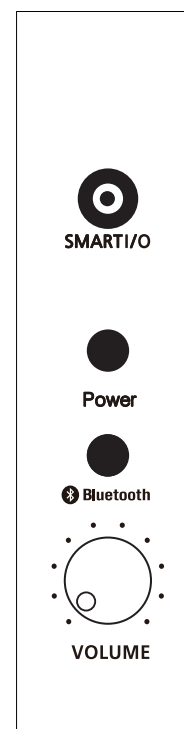
1. Main Button
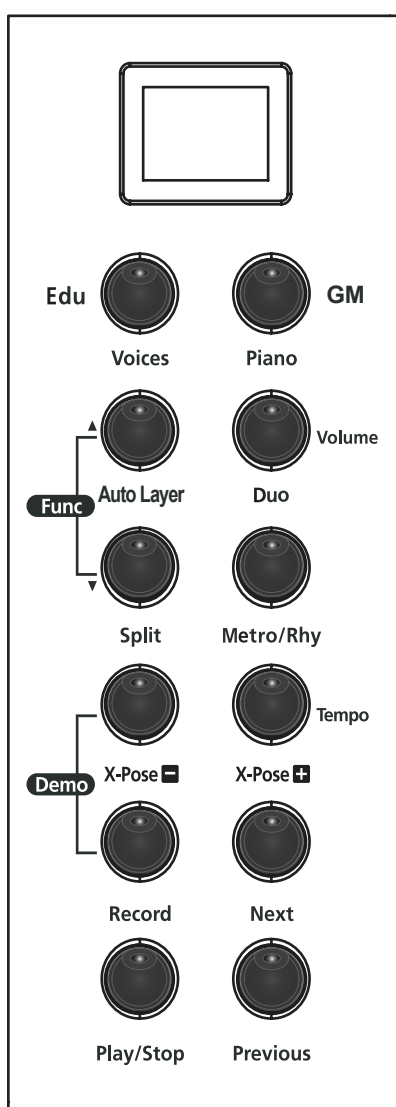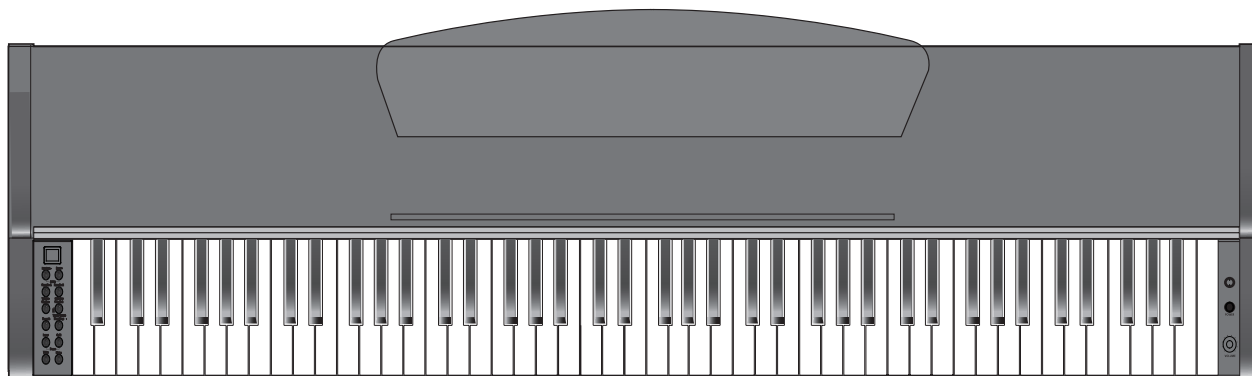
(1) Piano Button
   Press this button to bring a piano voice at any time.

(2) Voice Button
   This instrument features exceptionally realistic 30 voices.
   After pressing the [Voices] button, choose a voice you desire by using the [Next] or [Previous] button.
   Press and Hold the [Voices] button to enter GM Sound Mode.

(3) Layer Button
   Layer Mode allows you to layer two different Program sounds on the keyboard.

(4) Duo Button
   Duo Mode allows you to split the keyboard into two regions, each transposed to the same range for 4-hand use (ideal for duets or instructors and students).

(5) Split Button
   Split Mode allows you to split the keyboard into two regions containing two different Program sounds, with adjustable split point.

(6) Demo Button
   Demo Mode allows you to hear a selection of demo songs performed in a variety of classical styles.

(7) Metro/Rhy button
   Metronome/Rhythm mode allows you to select whether a Metronome and/or Rhythm will be played.

(8) Record Button
   Press this button to record your performance in real time.
   User songs can immediately be stored in internal track.

(9) Play/Stop Button
   Press this button to start or stop recording or demo songs.

(10) Next Button
   Use these buttons to select the next voice or demo song. In Function mode, the parameter increases by one with pressing this button.

(11) Previous Button
   Use these buttons to select the previous voice or demo song.
   In Function mode, the parameter decreases by one with pressing this button.

Voice & Piano

1. Selecting a Voice
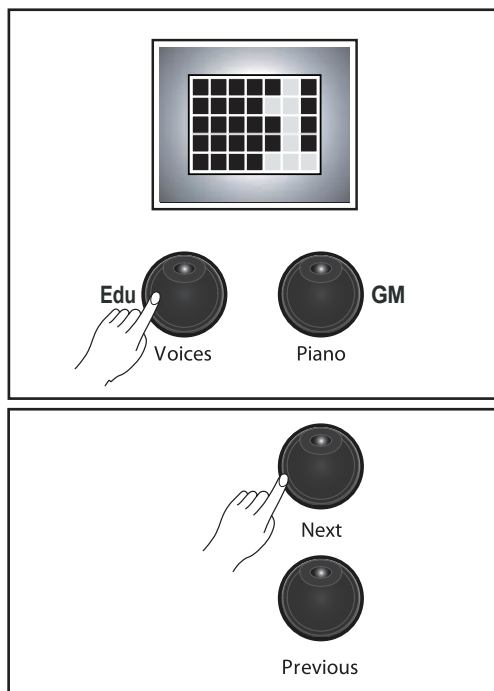
You can make use of the [Voices] and [Piano] buttons.
1) Press the [Voices] button.
2) Select a voice you want by using the [Next] or
   [Previous] button.

If you want to play with a piano voice, press the [Piano]
Button. You can immediately bring "Concert Piano"
sound (first voice) at any time.

The selected values (Layer, Split, Duo, Reverb and
Effect) will be initialized.

The name of a selected voice will be displayed in the
LCD screen.

2. Voice List

No	Voices	Auto Layer Voices	Splits Voices	No	Voices	Auto Layer Voices	Splits Voices
1	Concert Piano	49 String Ensemble2		16	Violin	60 French Horn	
2	Grand Piano	49 String Ensemble2		17	Cello	60 French Horn	
3	E.Piano 1	88 New age Pad		18	Pizzicato	60 French Horn	
4	E.Piano 3	88 New age Pad		19	String	0 Grand piano	
5	Harpsichord	88 New age Pad		20	Synth string	0 Grand piano	
6	Vibraphone	88 New age Pad		21	Choir Aahs	0 Grand piano	
7	Pop Organ	60 French Horn	33 Acoustic Bass	22	Trumpet	40 Violin	33 Acoustic Bass
8	Church Organ	60 French Horn		23	Brass	40 Violin	
9	Reed Organ	60 French Horn		24	Alto sax	40 Violin	
10	A.nylon	0 Grand piano		25	Oboe	49 String Ensemble2	
11	Steel Guitar	0 Grand piano		26	Flute	49 String Ensemble2	
12	Overdrive	0 Grand piano		27	Ocarina	49 String Ensemble2	
13	A bass	116 Taiko Drum		28	Fantasia	9 Celesta	
14	Finger bass	116 Taiko Drum		29	Crystal	9 Celesta	
15	Slap Bass	116 Taiko Drum		30	Drum set		

3. Selecting a GM Voice

Press and Hold the [GM] button to enter GM Voice Mode. Then the screen will show a current
GM voice and the [Voice] button will light up. Select a voice you want by using the [Next] or
[Previous] button. At this moment, Auto Layer, Split and Duo Modes are disabled.
See page 30 to check GM Sound List.

Layer Mode

Using Layer Mode

Layer Mode allows you to combine two different voices on the keyboard.
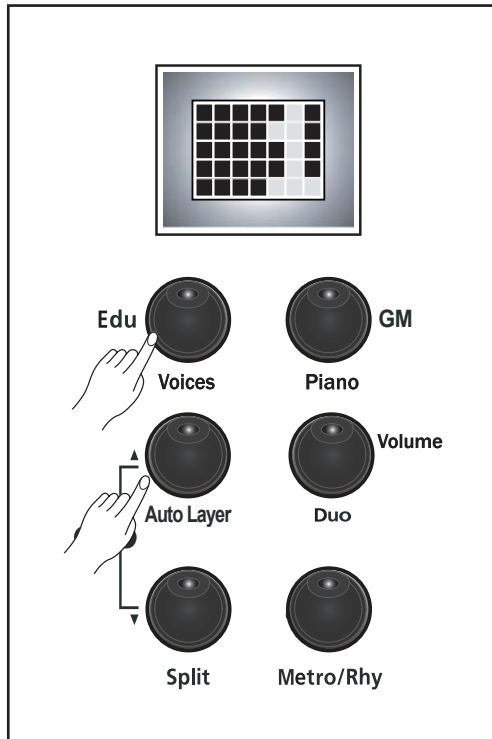
If you press the [Auto Layer], an auto layer voice will be selected. Press the [Next] or [Previous] button to select one other layer voice. You can also use 128 GM voices to create a layer sound.

Press the [Voices] button, then select a basic voice you want to use by pressing the [Next] or [Previous] button. At this moment, the selected voice cannot be changed. Press the [Piano] button to exit Layer mode.

Auto Layer
In this mode, an auto layer voice can automatically be selected (based on the currently selected voice, the auto layer voice is selected).
To check auto layer voices, see the voice list on the previous page.

LAYER Volume:

When two voices are layered, press the [Volume] button. You can now adjust the volume by using the [Next] or [Previous] button.

Default Layer Volume: 80
Adjustable Volume Range: 20 ~ 120
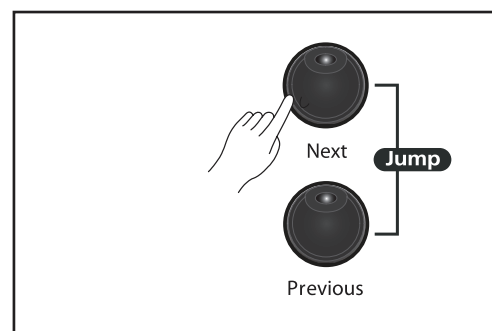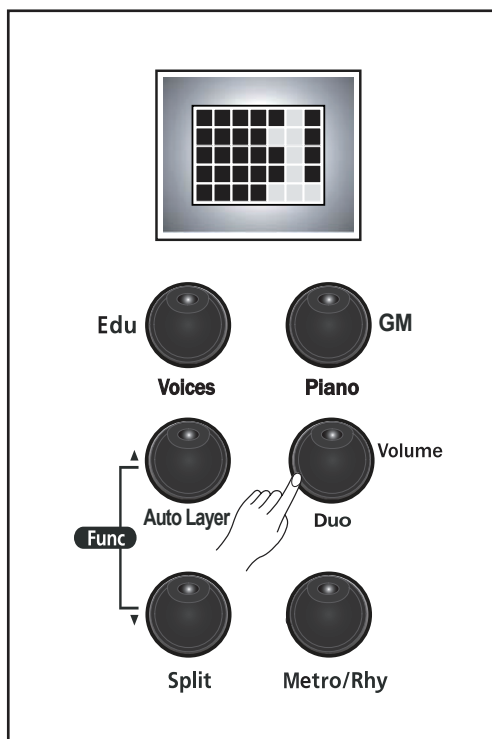
Split Mode

Using Split Mode

Split mode allows you to split the keyboard into two regions containing two different voice sounds, with adjustable split point.
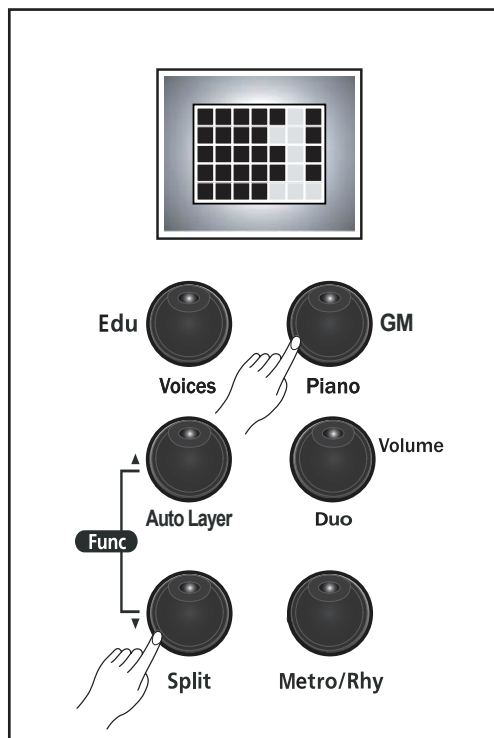
Select a basic voice you want to use by using the [Voices] or [Piano] button. (This voice is for the right region of the keyboard.)

If you press the [Split] button, you can play A.Bass voice for the left region of the keyboard.

Press the [Next] or [Previous] button to select another voice in 128 GM voices for the left region.

To change the voice is for the right region, press the [Voices] button. Then select a voice you want to use by using the [Next] or [Previous] button.

Press the [Piano] button to exit Split mode.
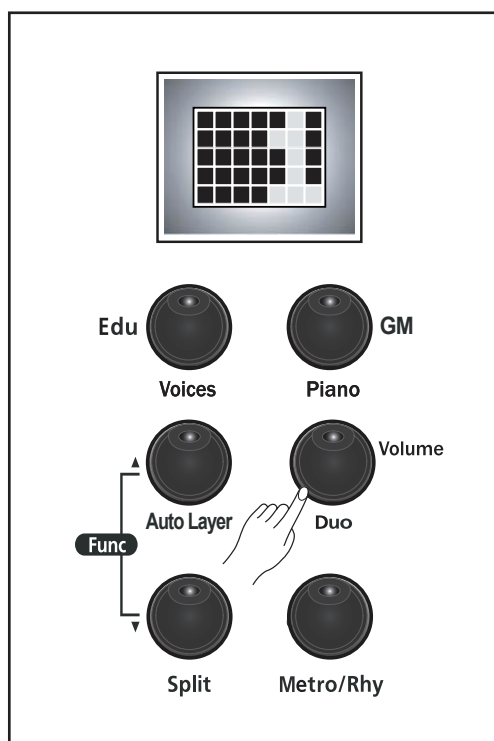
Split Volume:
When two voices are split, press the [Volume] button. You can now adjust the volume by using the [Next] or [Previous] button.

Default Split Volume: 100
Adjustable Volume Range: 20 ~ 120

The selected split voice automatically goes one octave up.

Split Point:
To set the split point, press and hold the [Split] button for 3 seconds. Then select a key on your keyboard as a split point when the screen shows "STRIKE A KEY".

Function Button

Function Mode

1	Style Volume
2	Accompaniment
3	Reverb
4	Effect
5	Effect Level
6	Tune
7	Touch

8	Demo Loop
9	Temperaments
10	Local Control
11	Damper Resonance
12	String Resonance
13	Auto Power Off

Using Function Mode
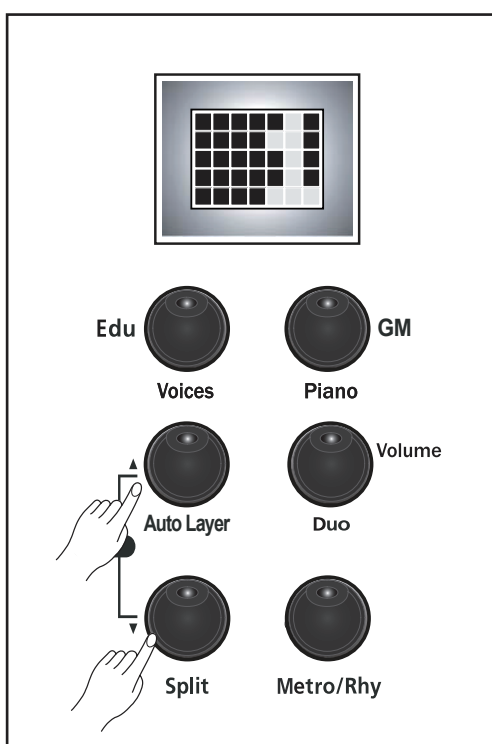
Press the [Layer], [Split], and [Function] button simultaneously.

In the Sub Menu of Function mode, you can choose one of the 13 functions by the [Layer] or [Split] button.
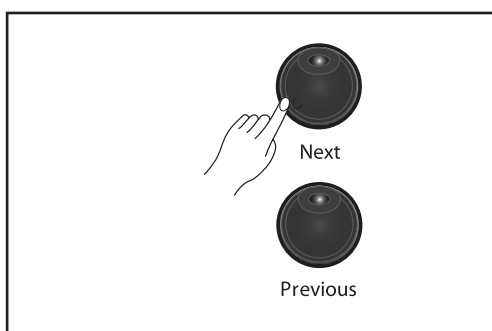
If you want to change each parameter on Sub Menu, use the [Next] or [Previous] button.

■ If you turn the Function mode off and on again, the last used function setting will run.

Function Button

1. Style Volume

This function will adjust the accompaniment volume, so as to keep an appropriate balance between the accompaniment volume and the voice volume.
Press the [Function] button.
Select "Acc Volume" by pressing the [Layer] button, then control the volume by pressing the [Next] or [Previous] button.
The volume range is from 0 (minimum) to 100 (maximum).
The default volume setting is "70".

2. Accompaniment

You can turn on/off the automatic accompaniment.
Press the [Function] button.
Select "Accompaniment" by pressing the [Layer] button, then turn it on or off by pressing the [Next] or [Previous] button.
The default setting is "Acc On", which means you are ready to start the automatic accompaniment. If the LCD display shows "Acc Off", the accompaniment is turned off and only rhythm pattern is played.

3. Reverb

You can select a type of Reverbs.
Press the [Function] button.
Select "Reverb" by pressing the [Layer] button, then select a reverb type by pressing the [Next] or [Previous] button.
The default setting is "Room 1".
Selectable Reverb: Off, Room 1, Room 2, Hall 1, Stage

4. Effect

You can select a type of Effects.
Press the [Function] button.
Select "Effect Off" by pressing the [Layer] button, then select an effect type by pressing the [Next] or [Previous] button.
The default setting is "Off".
Selectable Effect: Off, Chorus, Phaser, Tremolo, Rotary

5. Effect Level

You can control the level of Effects.
Press the [Function] button.
Select "Effect Level" by pressing the [Layer] button, then select an effect level by pressing the [Next] or [Previous] button.
The default setting is "60".
You can adjust the effect level from 0 to 127.

6. Tune

You can tune the pitch of your instrument to match other instruments.
Press the [Function] button.
Select "Tune" by pressing the [Layer] button.
To control the value, press the [Next] or [Previous] button.
The default setting is "440".
Tuning setting range: 427 – 440 – 453

By pressing the [Next] and [Previous] buttons simultaneously, you can reset to the default setting ("440") quickly.

7. Touch

You can adjust the keyboard touch sensitivity to your playing technique.
Press the [Function] button.
Select "Touch" by pressing the [Layer] button.
To control the Touch level, press the [Next] or [Previous] button.
The default setting is "normal 2".
You can use a total of 10 Touch settings to the following settings:
Soft 1~3, Normal 1~3, Heavy 1~3, Fixed

8. Demo Loop

You can set the repeat options for demo songs.
Press the [Function] button.
Select "Demo Repeat" by pressing the [Layer] button.
To change the setting, press the [Next] or [Previous] button.
The default setting is "All Repeat".

Demo Loop Type
1. No : Demo Loop in not active.
2. One : Only one demo song is repeated.
3. All : All demo songs are repeated from the selected song.

9. Temperament

You can change Temperament.
Press the [Function] button.
Select "Temperament" by pressing the [Layer] button.
To change the setting, press the [Next] or [Previous] button.
The default setting is "Equal".

Temperament Type
1. Equal   4. Pure Minor   7. Kimberger
2. Pythagorean   5. Meantone
3. Pure Major   6. Werckmeister

Function Button

10. Local Control

The Local control allows you to control whether your keyboard will trigger the internal sound engine. Usually Local control should be set to On. When using the MP120A to record to an external sequencer or computer, turn this setting to Off to avoid creating a MIDI loop which may result in stuck notes or "echoes".

You can turn on/off piano sounds.
Press the [Function] button, then select "Local" by pressing the [Layer] button.
The default setting is "On".
To turn on/off Local Control, press the [Next] or [Previous] button.
Local Control Type: On, Off

11. Damper Resonance

This pedal function performs the same function as the damper pedal on an acoustic piano, letting you sustain the sound of voices even after releasing the keys.
Press the [Function] button to select Damper Resonance.
The screen shows "100 Damper Resonance", which is the default setting.
You can adjust the resonance level from 0 (no effect) to 100.

12. String Resonance

You can simulate sympathetic string resonance in an acoustic piano.
Press the [Function] button to select String Resonance.
The screen shows "30 String Resonance", which is the default setting.
You can adjust the resonance level from 0 (no effect) to 120.

13. Auto Power Off

You can use 4 types of "Auto Power Off" settings to the following settings:

1. OFF: Auto Power Off is set to off.
2. 1Hr: MP120A will automatically power off after the Power Off time (1 hour) has expired (Default).
3. 2Hr: MP120A will automatically power off after the Power Off time (2 hours) has expired.
3. 3Hr: MP120A will automatically power off after the Power Off time (3 hours) has expired.

Record button/Duo Mode

With the easy-to-use song recording features, you can record your own keyboard performances as a user song.
By recording your performance with various voices, you can improve your playing skill or composing and arranging skills. Furthermore, you can enjoy playing with a previously recorded song.

1. How to Record
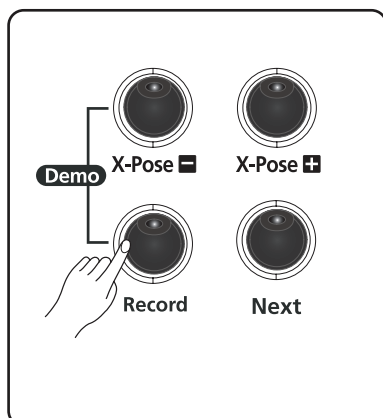
Method 1:

1) Press the [Record] button.
2) The LED on the [Play/Stop] button will be lit.
3) Start recording and perform the song.
4) Press the [Play/Stop] button to stop the recording.
5) If Press the [Play/Stop] button again, the recorded song is played.

2. Erasing the Recording

1) Press the [Record] button for 2-3 seconds. The screen will show "Clear", then the user song will be erased.
2) If you restart recording, a previously recorded song is automatically deleted, then you can record a new song.

3. Duo Mode
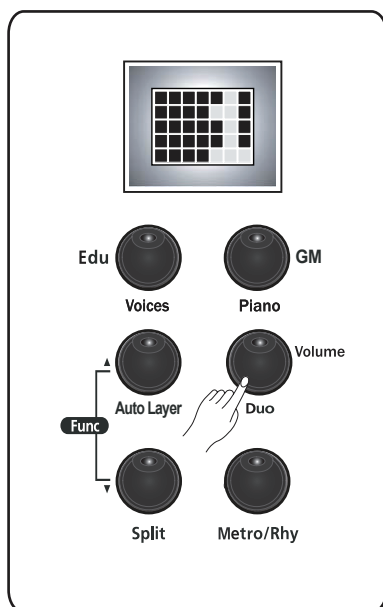
Dual Mode allows you to split the keyboard into two regions, each transposed to the same range for 4-hand use. (ideal for duets or instructors and students)

Press the [Duo] button.
The screen will display "Duo Piano".
Piano voice is selected and the keyboard regions are split at the E4 key.
In Duo Mode, the soft pedal functions as sustain pedal for the left region of the keyboard.

Demo Mode/EDU Button

Starting Demo Songs
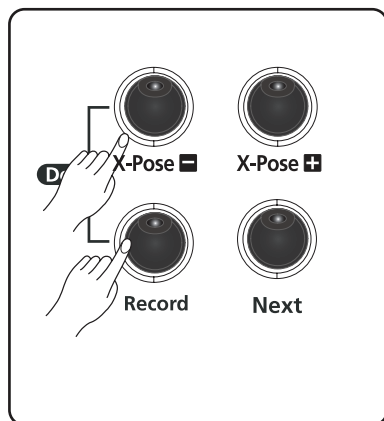
1) Press the [X-pose] and [Record] buttons together.
2) The LED on the [X-pose] and [Record] will flash.
3) Select a teaching material (see page 28-29) by
   pressing the [Next] or [Previous] button.
4) Press the [PLAY/STOP] Button to play the demo song
   you choose.
5) Press the [PLAY/STOP] Button again to stop the demo
   song.

   If you want to repeat the demo song, see the information on
   Demo Loop.
   1. No: Demo Loop in not active.
   2. One: only one demo song is repeated.
   3. All: all demo songs are repeated from the selected song.

Playing Educational Songs
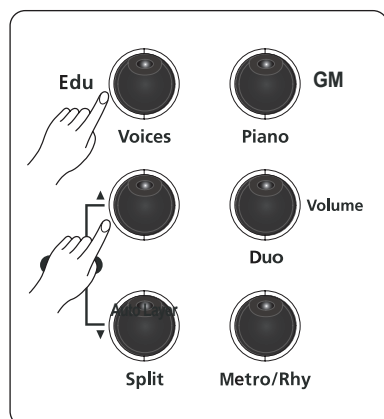
1) Press the [X-pose] and [Record] buttons together.
2) Press the [Voices] button.
3) The LED on the [Voices] button will flash. Press the
   [Layer] or [Split] button to select a teaching material.
4) You have a choice among Beyer or Czerny 100/30/40,
   Sonatine, Hanon, Burgmuller.
5) Select a song in each teaching material by pressing the
   [Next] or [Previous] button.
6) Press the [Play/Stop] Button to play an educational song
   you choose.
7) Press the [Play/Stop] Button again to stop the educational
   song.
8) To exit EDU mode, press the [Edu] button.
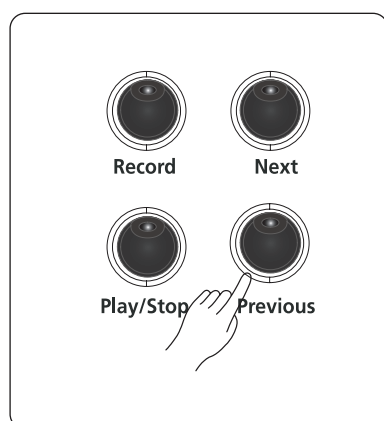
■ **Left/Right Part Learning**
   Press the [EDU] button for 2-3 seconds, then select a
   hand-part you want to practice by pressing the [Next]
   or [Previous] button.

   ALL PLAY: Play both tracks (left-hand and right-hand)
   RIGHT PLAY: Only play the right-hand part.
   LEFT PLAY: Only play the left-hand part.

■ To enjoy part learning
   Press the [EDU] button for 2-3 seconds, then play an
   educational song to start part learning.

Metronome/Transpose

Starting Metronome(Rhythm)
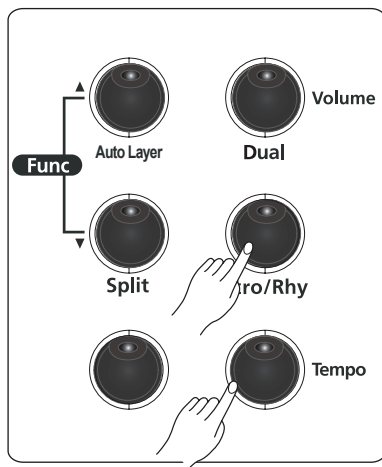
Press the [Metro/Rhy] button for 2-3 seconds.
At this moment, you can choose one of 6 metronomes and 20 rhythms by using the [Next] or [Previous] button. To stop the metronome, press the [Metro/Rhy] button again. Please see the types of metronome and rhythm list below :

■ **While playing a rhythm :** The left/middle pedal can be used for Fill-In and Intro/Outro respectively.

■ **Fill-in :** If you press the middle pedal, when a rhythm is started, a different rhythm pattern will be played after one-measure interlude.

■ **Intro/Outro :** If you press the left pedal, the [Metro/Rhy] button will blink, then the Intro will begin with a rhythm. While playing, if you press the left pedal, the rhythm will stop.

Rhythm List

Press the [Metro/Rhy] button for 2-3 seconds, then select a rhythm by using the [Next] or [Previous] button.

No	Rhythm	No	Rhythm
1	Dance	11	Bosanova
2	Light Rock	12	Samba
3	Pop	13	March
4	Pop Polka	14	Waltz
5	Hard Rock	15	ChaCha
6	Country	16	Reggae
7	Rhumba	17	Jazz
8	8Beat	18	Rhythm Beat
9	16Beat	19	Swing Rock
10	Ballade	20	Fox Trot

Transpose

This button will allow you to adjust the tuning of the keyboard in semitones, to a desired interval.
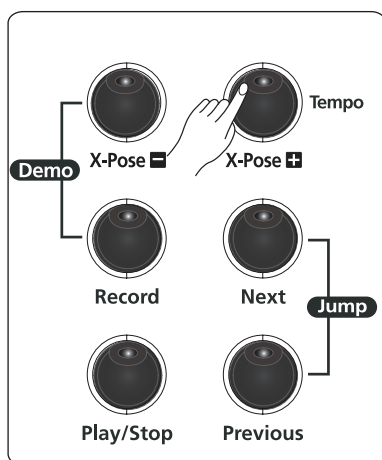
By using the [X-Pose +] or [X-Pose +] button, you can transpose down or up by one semitone (100 cents).

When transpose value goes up, the LED on the [X-Pose +] button will be lit. When transpose value goes down, the LED on the [X-Pose -] button will be lit.

Transpose Value Range: -24 ~ 0 ~ +24

The value more or less than the adjustable range cannot be done.

Pedal

1. Pedal

MP120A contains three functional pedals. It also works the same way with Grand Piano. Therefore, this product do not support the Silent Pedal (the middle pedal) of Upright Piano. You can control the volume as a function of Silent Pedal.

2. Pedal Type

Soft   Sostenuto   Sustain
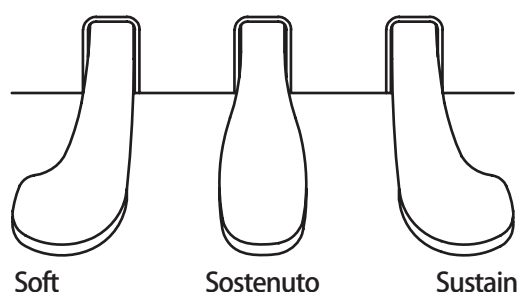
1. Sustain Pedal
When the sustain pedal is pressed, notes sustain longer. Releasing the pedal immediately stops any sustained notes.

2. Soft Pedal
When the soft pedal is pressed, all notes played on the keyboard will have a softer effect.

Press the pedal from this point

3. Sostenuto Pedal
When the sostenuto pedal is pressed, the notes played before you step on the pedal would have a sustain effect.

> **NOTE**
> If you are having problems with using your pedals, please check the connection between the piano body and pedal box. (see Page 12 for more details.)
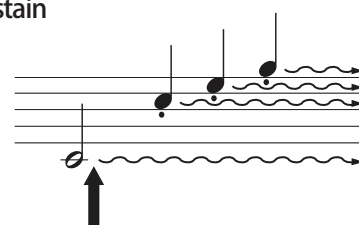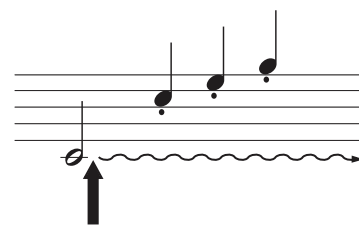
Press the pedal from this point

3. Bluetooth™

POWER

Bluetooth

VOLUME
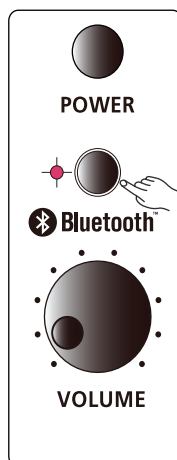
By Bluetooth, MP3 files of smart phone and sound sources on Youtube can be played on your MP120A.

1) Press the [Bluetooth] button, then the LED will bink with a "beep" sound.
2) Set Bluetooth of your device to On.
3) Your device will automatically connect to your MP120A ("SM-BT Audio"), blinking the LED for a second.
4) When the connection is completed, you can play the sound files or sources of your device through your MP120A.
5) You can control the volume by your device or MP120A.
6) To stop Bluetooth, press the [Bluetooth] button again.

MIDI

MIDI is the acronym for Musical Instrument Digital Interface. It is the industry standard protocol which allows the exchange of musical data between electronic musical instruments, devices (such as a sequencer), and computers.

1. MIDI Channel
MIDI protocol transmits multiple channels of MIDI performance data.
Typical MIDI instruments can play up to 16 channels at the same time.
Each channel can be assigned its own Program.

2. MIDI Connection
In addition to the conventional MIDI In and Out ports, MP120A has a USB port.
You can connect the MP120A directly to a computer with a USB cable.
To use the MP120A as a MIDI controller with a computer, use any Type-A to Type-B USB cable.

Type A
(your computer)

Type B
(your piano)

3. Local Control
The Local control allows you to control whether your keyboard will trigger the internal sound engine. Usually Local control should be set to On. When using the MP120A to record to an external sequencer or computer, turn this setting to Off to avoid creating a MIDI loop which may result in stuck notes or "echoes".

MIDI Implementation Chart

Manufacturer:
YOUNG CHANG Co, LTD.

Date : 2015.2.15
Version 1.0

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1	1	Memorized
	Changed	1 - 16	1 - 16	
Mode	Default	Mode 3	Mode 3	Use Multi mode for multi-timbral applications
	Messages			
	Altered			
Note Number			0 - 127	
	True Voice	0 - 127	0 - 127	
Velocity	Note ON	O	O	
	Note OFF	X	X	
After Touch	Keys	X	X	
	Channels	X	O	
Pitch Bender		X	O	
Control Change		O 0 - 31 32 - 63 (LSB) 64 - 127	O 0 - 31 32 - 63 (LSB) 64 - 127	
Program Change		O 0 - 20	O 0 - 20	
	True #	0 - 127	0 - 127	
System Exclusive		O	O*	
System Common	Song Pos.	O	O	
	Song Sel.	O	O	
	Tune	X	X	
System Real Time	Clock	O	O	
	Messages	O	O	
Aux Messages	Local Control	O	O	
	All Notes Off	O	O	
	Active Sense	O	O	
	Reset	X	X	
Notes				

Connectors

1. Headphone

The headphone jack is located on the bottom left of keyboard.
You will need a 1/4-inch stereo jack in order to use headphones and can use two headphones simultaneously. To avoid the risk of hearing loss when using headphones, please do not play the piano with a high volume level for a long time.

The bottom of your piano

Stereo headphone jack
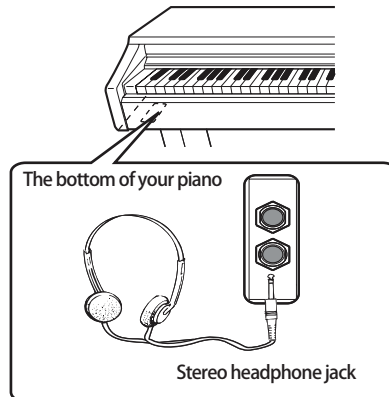
2. Audio In

Connect the audio output of an MP3/CD player or other audio Source to the stereo AUX IN jack on the rear panel. You will be able to hear the music through the speaker of your keyboard.

3. Audio Out

Audio Out ports can be used to transmit the audio signal of the piano to a keyboard amplifier, stereo sound system, mixing console or tape recorder. When you connect an audio speaker, please ensure that the volume has been set to the minimum level.

YOUNG CHANG   DIGITAL PIANO

MIC

DC IN 24V

0   10
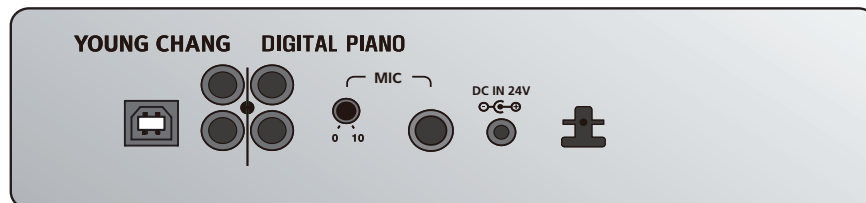
4. Smart Recording(I/O)

Connect the Smart Recording cable to the Smart I/O port on the right panel of your keyboard, then connect the cable with your smartphone. Now you can record the piano sound on your smartphone with the recording function. When you play the contents of your smartphone, you can hear them through the amp of MP120A.

SMART I/O
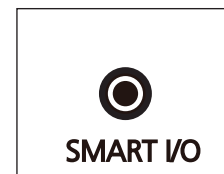
NOTE

When you connect the Smart Recording cable, please ensure that the volume is set to the minimum level or is turned off because noise can suddenly be produced.

The recorded volume can be different depending on the model of your device. Thus, it is recommended to set the volume in the 12 o'clock position.

VOLUME

Percussion Placement

Note	Instrument
A 0	
A# 0	
B 0	
C 1	
C# 1	
D 1	
D# 1	High Q
E 1	Slap
F 1	Stratch Push
F# 1	Stratch Pull
G 1	Sticks
G# 1	Square Click
A 1	Metronome Click
A# 1	Metronome Bell
B 1	Bass Drum 2 (Acoust)
C 2	Bass Drum 1 (Rock)
C# 2	Side Stick
D 2	Snare Drum 1
D# 2	Hand Clap
E 2	Snare Drum 2
F 2	Low Floor Tom
F# 2	Closed Hi Hat (EXC 1)
G 2	Hi Floor Tom
G# 2	Pedal Hi Hat (EXC 1)
A 2	Low Tom
A# 2	Open Hi Hat (EXC 1)
B 2	Low-Mid Tom
C 3	Hi Mid Tom
C# 3	Crash Cymbal 1
D 3	High Tom
D# 3	Ride Cymbal 1
E 3	Chines Cymbal
F 3	Ride Bell
F# 3	Tambourine
G 3	Splash Cymbal
G# 3	Cowbell
A 3	Craxh Cymbal 2
A# 3	Vibraslap
B 3	Ride Cymbal 2
C 4	Hi Bongo
C# 4	Lo BOngo
D 4	Mute Hi Conga
D# 4	Open Hi Conga
E 4	Low Conga
F 4	Hi Timbal
F# 4	Low Timbal
G 4	High Agogo
G# 4	Low Agogo
A 4	Cabasa
A# 4	Maracas
B 4	Short Whistle (EXC 2)
C 5	Low Whistle (EXC 2)
C# 5	Short Guiro (EXC 3)
D 5	Long Guiro (EXC 3
D# 5	Claves
E 5	Hi Wood Block
F 5	Low Wood Block
F# 5	Mute Cuica (EXC 4)
G 5	Open Cuica (EXC 4)
G# 5	Mute Triangle (EXC 5)
A 5	Open Triangle (EXC 5)
A# 5	Shaker
B 5	Jingle Bell
C 6	Belltree
C# 6	Castanets
D 6	Mute Surdo (ESC 6)
D# 6	Open Surdo (ESC 6)
E 6	
F 6	
F# 6	
G 6	
G# 6	
A 6	
A# 6	
B 6	
C 7	
C# 7	
D 7	
D# 7	
E 7	
F 7	
F# 7	
G 7	
G# 7	
A 7	
A# 7	
B 7	
C 8	

Demo Song List

1		Prelude I BWV 846	J.S. Bach
2		Invention No.4	J.S. Bach
3		Invention No.8	J.S. Bach
4	BWV 847	Prelude II BWV 847	J.S. Bach
5		ARIA Goldenberg - Variationen BWV 988	J.S. Bach
6	BWV 848	Fuga II (A3 VOCI)	J.S. Bach
7	Op.36, No.4	Sonatine Op.36, No.4	M.Clementi
8	K.15v	Klavierstuck K.15v	W.A. Mozart
9	K.333	Piano Sonate K.333 1st mov.	W.A. Mozart
10	K.485	Rondo in D-dur K.485	W.A. Mozart
11		Piano Sonate K.331 Rondo Turkish March	W.A. Mozart
12	K 545	Piano Sonate K.545 1st mov.	W.A. Mozart
13		Minuette in G	L.v. Beethoven
14		Bagatelle No.25 Fur Elise	L.v. Beethoven
15	Op.55, No.1	Sonatine Op.55, No.1	Fr. Kuhlau
16		March Militaire Op.51, No.1	F.P. Schubert
17	Op.94 - 3	Moments Musicaux 3.	F.P. Schubert
18	Op.90 - 2	Impromptu Op.90, No.2	F.P. Schubert
19	Op.90 - 4	Impromptu Op.90, No.4	F.P. Schubert
20		La chevaleresque	J.F.Buramu ler
21	Op.38, No.2	Without words song Op.38, No.2	J.L.F. Mendelssohn
22	Op.30, No.6	Venetianisches Zgondellied	J.L.F. Mendelssohn
23	KK lvb - 10	Sostenuto	F.F. Chopin
24	KK lvb - 11	Valse KK IVB - 11	F.F. Chopin
25	Op.7, No.1	5 Mazurkas I Op.7, No.1	F.F. Chopin
26	Op.69 - 2	Valse Op.69, No.2	F.F. Chopin
27	Op.18	Grande Valse Brillante Op.18	F.F. Chopin
28		Valse Op.64, No.2	F.F. Chopin
29	Op.9, No.2	Noctutne Op.9, No.2	F.F. Chopin
30	Op.64, No.1	Valse Op.64, No.1	F.F. Chopin
31	Op.28, No.15	Preludes in Db Maior Op.28, No.15	F.F. Chopin
32	Op.66	Fantaisie - Impromptu Op.66	F.F. Chopin
33	Op.15 - 7	Traumerei	R. Schumann
34		Frolicher Landmann Op.68 - 10	R. Schumann
35	Op.15	Von fremden Landern und Menschen Op.1	R. Schumann
36		Liebestraume Nr.3	F. Liszt
37		Dolly's Dreaming And Awakening	T. Oesten
38	Op.410	Fryhlingsstimmen Op.410	J. Strauss
39		The Swan	Saint - Saens
40		Blumenlied	G. Lange
41		Valsette	F. Borowski
42	Op.39, No.16	Old French Air	P.I.Tchaikovsky
43	Op.39, No.10	Mazurka	P.I.Tchaikovsky
44		Polka	P.I.Tchaikovsky
45		Barcarolle	P.I.Tchaikovsky
46	Op.101 - 7	Humoreska	A. Dvor A k
47	Op.46 - 3	Suite Peer Gynt Op.46 - 3 Anitras Tanz	E. Grieg
48	L75	Suite Bergamasque Prelude	C.A.Debussy
49		Reverie	C.A.Debussy
50		Arabesque	C.A.Debussy

Sonatine List

Kuhlau	Number
OP. 20 N0. 1-1	1
OP. 20 N0. 1-2	2
OP. 20 N0. 1-3	3
OP. 20 N0. 2-1	4
OP. 20 N0. 2-2	5
OP. 20 N0. 2-3	6
OP. 20 N0. 3-1	7
OP. 20 N0. 3-2	8
OP. 20 N0. 3-3	9
OP. 55 N0. 1-1	10
OP. 55 N0. 1-2	11
OP. 55 N0. 2-1	12
OP. 55 N0. 2-2	13
OP. 55 N0. 2-3	14
OP. 55 N0. 3-1	15
OP. 55 N0. 3-2	16
Clementi	**Number**
OP. 36 N0. 1-1	17
OP. 36 N0. 1-2	18
OP. 36 N0. 1-3	19
OP. 36 N0. 2-1	20
OP. 36 N0. 2-2	21
OP. 36 N0. 2-3	22
OP. 36 N0. 3-1	23
OP. 36 N0. 3-2	24
OP. 36 N0. 3-3	25
OP. 36 N0. 4-1	26
OP. 36 N0. 4-2	27
OP. 36 N0. 4-3	28
OP. 36 N0. 5-1	29
OP. 36 N0. 5-2	30
OP. 36 N0. 5-3	31
OP. 36 N0. 6-1	32
OP. 36 N0. 6-2	33

Haydn	Number
HOB.16 - 35 - 1	34
HOB.16 - 35 - 2	35
HOB.16 - 35 - 3	36
Mozart	**Number**
K .545 - 1	37
K .545 - 2	38
K .545 - 3	39
Beethoven	**Number**
OP. 49 N0. 2-1	40
OP. 49 N0. 2-2	41
OP. 49 N0. 1-1	42
OP. 49 N0. 1 -2	43
Dussek	**Number**
OP. 20 N0. 1 -1	44
OP. 20 N0. 1 -2	45

GM Sound List

Program Change	General MIDI Sound Name	Program Change	General MIDI Sound Name	Program Change	General MIDI Sound Name	Program Change	General MIDI Sound Name
1	Grand Piano1	33	Acoustic Bass	65	Soprano Sax	97	Ice Rain
2	Grand Piano2	34	Fingered Bass	66	Alto Sax	98	Soundtrack
3	Electric Grand	35	Picked Bass	67	Tenor Sax	99	Crystal
4	Honky Tonk	36	Fretless Bass	68	Baritone Sax	100	Atmosphone
5	Electric Piano1	37	Slap Bass1	69	Oboe	101	Brightness
6	Electric Piano2	38	Slap Bass2	70	English Horn	102	Goblin
7	Harpsicord	39	Synth Bass1	71	Bassoon	103	Echo Drops
8	Clavinet	40	Synth Bass2	72	Clarinet	104	StarTheme
9	Celesta	41	Violin	73	Piccolo	105	Sitar
10	Glockenspiel	42	Viola	74	Flute	106	Banjo
11	Music Box	43	Cello	75	Recorder	107	Shamisen
12	Vibraphone	44	Contrabass	76	Pan Flute	108	Kato
13	Marimba	45	Tremolo Strings	77	Bottle Chiff	109	Kalimba
14	Xylophone	46	Pizzicato Strings	78	Shakuhachi	110	Bag Pipe
15	Tubular Bells	47	Harp	79	Whistle	111	Fiddle
16	Santur	48	Timpani	80	Ocarina	112	Shanai
17	Organ1	49	Strings	81	Square Wave	113	Tinkle Bell
18	Organ2	50	Slow Strings1	82	SawWave	114	Agogo
19	Organ3	51	Synth Strings1	83	Syn. Calliope	115	Steel Drums
20	Church Organ	52	Synth Strings2	84	Chiffer Lead	116	Woodblocks
21	Reed Organ	53	ChoirAahs	85	Charang	117	Taiko
22	Accordion	54	Voice Doo·s	86	Solo Vax	118	Melo Tom1
23	Harmonica	55	Synth Vox	87	5th SawWave	119	Synth Drum
24	Bandoneon	56	Orchestra Hit	88	Bass & Lead	120	Reverse Cym
25	Nylon String Gtr	57	Trumpet	89	Fantasia	121	Gtr Fret Noise
26	Steel String Gtr	58	Trombone	90	Warm Pad	122	Breath Noise
27	Jazz Gtr	59	Tuba	91	Polysynth	123	Seashore
28	Clean Gtr	60	Muted Trumpet	92	Space Voice	124	Bird
29	Muted Gtr	61	French Horn	93	Bowed Glass	125	Telephone
30	Overdrive Gtr	62	Brass1	94	Metal Pad	126	Helicopter
31	Distortion Gtr	63	Synth Brass1	95	Halo Pad	127	Applause
32	Gtr Harmonics	64	Synth Brass2	96	Sweep Pad	128	Gunshot

Specifications

Keyboard	88-NOTE, Fully weighted, Graded Hammer-Action, 3-Point Sensor Keyboard
Exterior Color	Rosewood/ White
Appearance	Pattern
Voice Type	Stereo PCM
Polyphony	256 Polyphony
Voice	30 Voices + 128 GM Voices
Rhythm	20 Styles (Auto Accompaniment), 6 Rhythms(Metronome)
Function	Split, Layer, Duo mode
Touch Sensitivity	10 Steps
Educational Songs	Beyer, Czerny 100/30/40, Sonatine, Hanon(20 songs), Burgmuller(25 songs)
Demo	50 Demo Songs
Recording	Record, Start/ Stop (20,000 Notes)
Pedal	Soft Pedal, Sostenuto Pedal, Sustain Pedal (String/Damper/Resonance)
Display	5 x 7 Dot Matrix
Additional Functions	Master Volume, Transpose, Metronome, Tune, Auto Power Off, MIC Vol, Bluetooth
Connection Terminal	Headphone x2, Smart I/O(Smart Recording), Aux In/Out, USB Audio
Generating Capacity	5 x 7" WOOFER X 2, 1" TWEETER X 2
Power Consumption	50W
Speaker	5 x 7" WOOFER X 2, 1" TWEETER X 2
Dimensions	1400 x 432 x 850 (W x D x H)

MEMO

KURZWEIL