



# USER MANUAL

DDP-400 DIGITAL PIANO

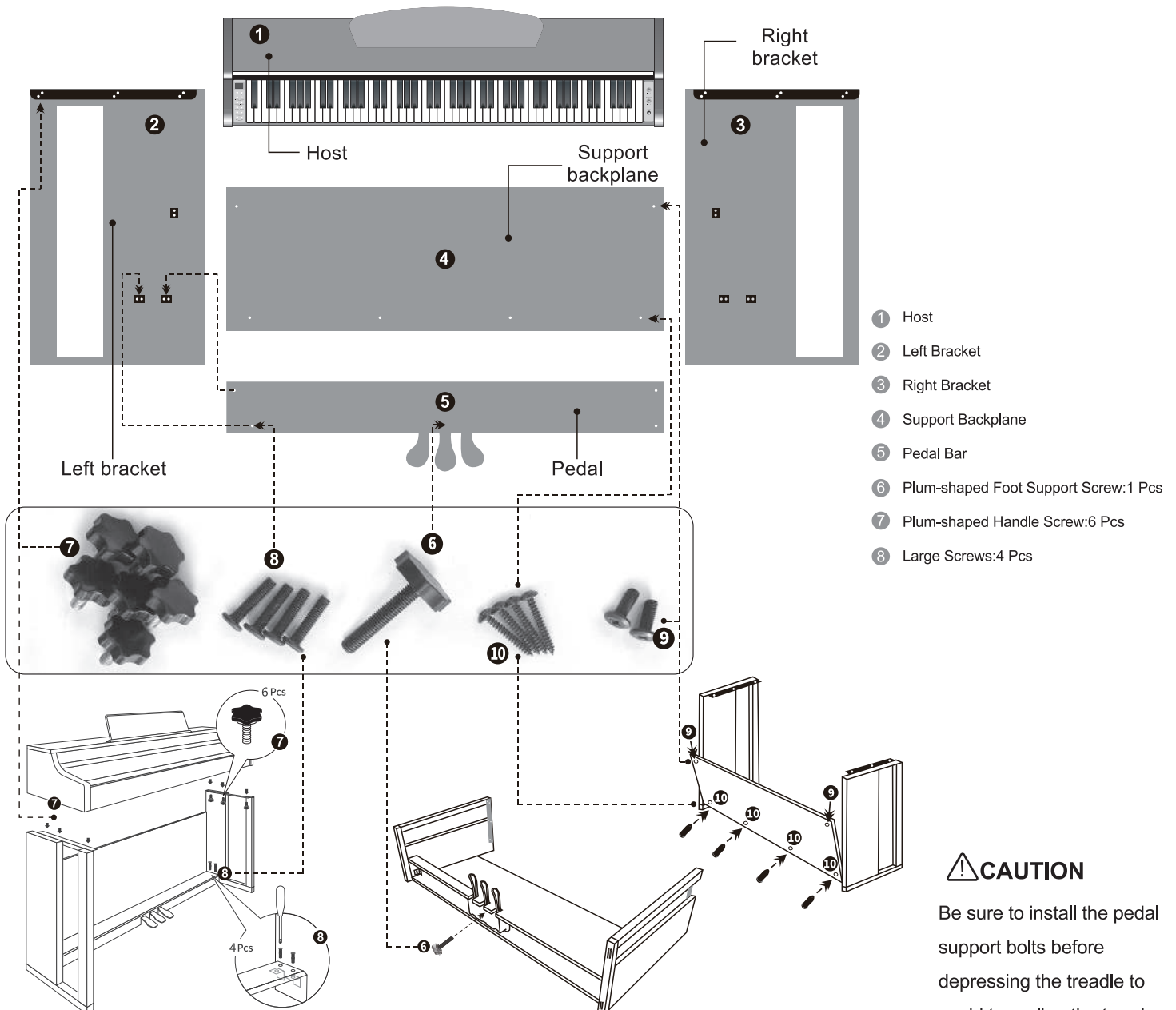
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## BODY ASSEMBLY INSTRUCTIONS

- To ensure the correct assembly of the Piano, read this manual carefully before assembly and place the manual where it is readily available for inspection.
- Please remove the main unit from the box and remove the protective cover and foam box. (Packaging and packaging materials must be kept for half a month).
- During assembly or handling, keep the device raised horizontally.
- Be careful of handling, be careful not to pinch your hands, or drop the device to your feet.
- Before you screw the screw to the final position, gently tighten the screw slightly more easily. Wait until the screw has entered about normal time and then increase the force. Do not use excessive force when screwing to the final position of the screw, which may damage the screw.
- After tightening the screws, place the device in a flat and stable place. Do not place it in a fluffy stall or on the ground. In this case, the pedals are easily swayed, resulting in skin lesions.
- Do not place the main body of the device directly on the floor. This will damage the bottom of the interface and bracket, and damage the host's bottom panel.
- Open the box, check the box items, such as the screw package is complete.
- Caution: Be sure to install the pedal to support the bolt. The black plum plastic part of the pedal support handle bolt should be unscrewed until it touches the ground (This largest bolt is to play the role of supporting the pedal force).

## INSTALLATION STEPS



## IMPORTANT ITEMS

Before using this product, please read the following important items.

- Before using the AC transformer to power the product, you must check whether the AC transformer has any damage.
- Please check the power code carefully to see if it is broken, bare or has other damage. Do not let children use seriously damaged AC transformer.
- Children under 3 years old are not allowed to use the product.
- AC transformer is not a toy.
- Before cleaning, you must remove the AC transformer.

## PREFACE

Dear users:

Congratulations on your new DDP-400 digital piano. It has advanced functions and good acoustic quality. With its help, you will start your musical journey. DDP-400 digital piano will bring you a new playing experience.

Please read the instructions carefully, so that you can make better use of it and play its performance.

Please keep it in a safe place, so that you can use it in the future.

## PRODUCT PARAMETERS

Imported 88-key progressive hammer action keyboard

128 kinds of voice

100 kinds of rhythm

The maximum polyphony 128

Metronome

Key separation

Dual

Reverb

Automatic temperament stabilization system (tuning-free)

Split

Learning function

MIDI input/output

Audio input/output

Stereo dual headphone jack

Record/Play

Connect to Apple products/ Android products/ Windows products

Transpose

120 pieces of demonstration music

Percussion

Animal calling and natural sound

Output power 15W×2

Accessories: host, piano rack, three-pedal instructions, power adapter

Color: Black

Dimension: Length 1385mm x Width 400mm x Height 890mm

## PACKING LIST

Dear users, please check whether the following items are complete after choosing.

HOST	PIANO RACK	INSTRUCTIONS
POWER ADAPTER	THREE-PEDAL	SERIAL NO

## NOTES

Before using, please read the following items carefully, and keep the document in a safe place for future reference.

### Warning

- When using the product, please comply with the following items to operate, so as to avoid serious injuries or death to users due to electric shock, short circuit, accident, fire or other dangers. The items that users need to pay attention to. Note the following, but not only this.
- Do not open the electric piano or attempt to disassemble the components, and do not make any changes to the inside. This product does not have the parts that users can repair themselves. (The electronic piano has automatic temperament stabilization system, so it is unnecessary to tune) If there is dysfunction, please contact qualified repairers for checking and maintenance.
- Avoid exposing the electronic piano to rain, or using it near watery and humid places. Do not place containers with water on the electronic piano, because moisture may flow into the interior of the electronic piano.
- If the power cord or plug is worn or damaged, or if power is suddenly cut off during use, and you smell a strange odor or the electronic piano emits smoke, you should turn off the power immediately, remove the power plug, and ask a qualified repairer to check and maintain.
- Please ensure that the power supply voltage is  $220\text{ V} \pm 10\%$  AC, too high or too low voltage will cause damage to the piano.
- Before cleaning the electronic piano, you should turn off the power, remove the power plug. Do not operate with wet hands while the electricity is used. Do not wipe and clean the electronic piano with corrosive solvents.
- Regularly check the power switch and the power cord. When changing the fuse, be sure that you have removed the power plug, and ensure the use of the same fuse with the original specifications.

### Warning

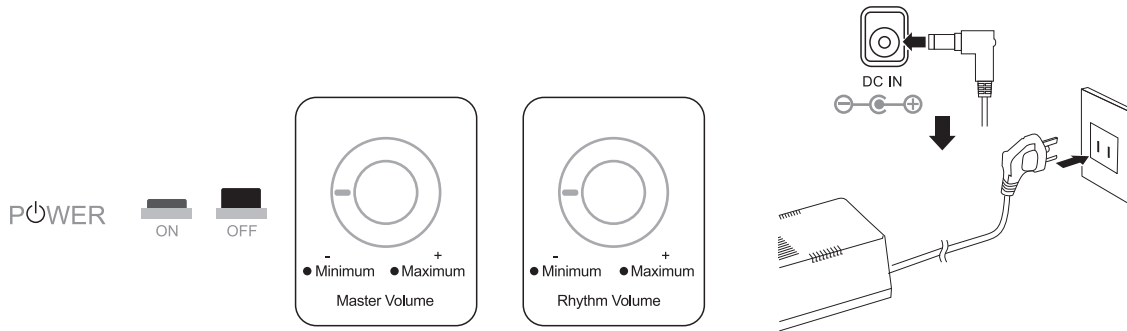
- Users should also obey the following rules during use, which can avoid the damage to the users or others, and the electronic piano or other external devices. The items that users need to pay attention to, are shown as follows, but not limited to these.
- Do not place the AC power cord near heat sources, such as a heater. Do not over-bend the power cord, put heavy objects on the power cord, place the power cord in a place where people go and wrap other things on the power cord to avoid damaging the power cord.
- When removing the power plug of the product, please take the plug itself, instead of pulling the cord.  
Please remove the power plug if the electronic piano will not be used for a long time or when it thunders.
- Do not place this electronic piano in a dusty, vibrating, cold or hot environment (such as under the impact of direct sunlight, near the heating device or in the transportation tool in the sun) to avoid damaging the appearance of the electronic piano and the internal components.
- Before moving the electronic piano, you should remove the power cord and the wires connected to other equipment.
- When cleaning the electronic piano, please wipe it with a dry and soft cloth. Do not use paint thinner, organic solvents, detergents, or other chemicals with erosion effect to wipe the electronic piano, so as not to discolor the panel or keyboard.
- When the user connects the electronic piano to other devices, firstly, please turn off all the power switches. Before turning off the power switch, please set the volume to its minimum. When using the instrument, first set the electronic piano's volume to its minimum then gradually increase the volume until it fits.
- Do not place the electronic piano near other appliances, such as TV, radios, speakers, etc. Placing it near other appliances may cause interference between electrical appliances.
- Do not place the electronic piano in an unstable place so as not to cause the electric piano to fall down.
- Do not put heavy objects on the electronic piano, do not use excessive force to press the keys and toggle the control switch.
- In order to apply to the classroom, auditorium and other occasions, this electronic piano has been designed to have enough volume redundancy. The volume can be adjusted. You should adjust it to the proper value. If you use unreasonable excessive volume for a long time, this doesn't conform to the common sense of music, but also may cause hearing loss.
- Avoid the electronic piano encounter a strong collision. Collisions may cause damage to the electronic piano and cause personal injury.

## PREPARE BEFORE USE

This chapter will introduce the function jacks related to the electronic piano and give out some information before playing. Before opening the power switch of the electronic piano, please read the following items.

## POWER CONNECTION

1. Confirm whether the power switch is turned off, if it is not, please turn off the power switch.
2. Connect the power cord, firstly insert the plug into the DC jack on the back of the electronic piano then plug the other end of the power adapte into the power outlet.
3. Before opening the power, adjust all volume controllers to the minimum.
4. When turning off the power of the electronic piano, first tune all volume controllers to the minimum then turn off the power switch.



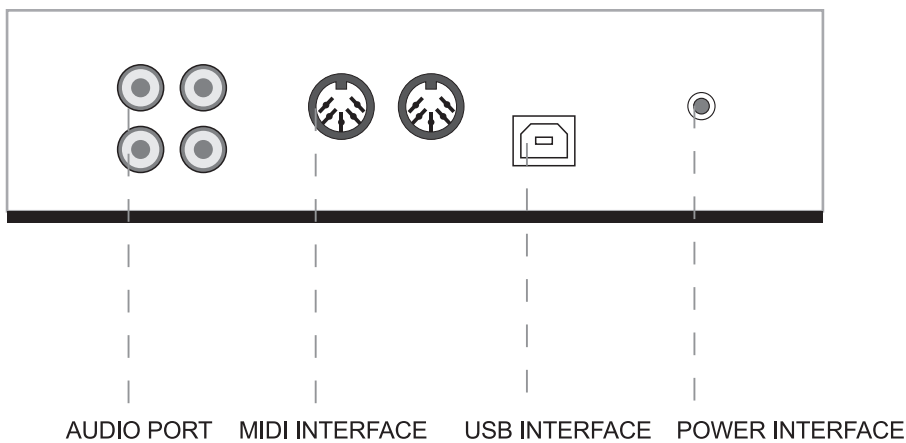
## Warning

When you don't use the electronic piano, or when it thunders, please remove the power plug.

Please ensure that the power supply voltage is  $220V \pm 10\%$  AC, too high or too low voltage will cause damage to the electronic piano. And the power socket should be a triangle, it should be grounded.

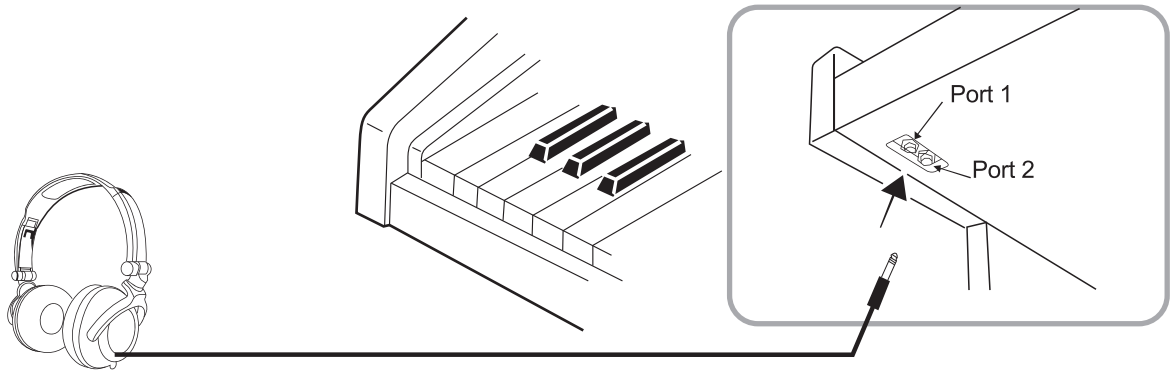
Do not remove the power cord from the power socket when the electronic piano is still opened.

## SOCKET ON THE BACK OF THE HOST



## HEADPHONE PORT

The bottom of the left side of the host



## THREE PEDAL INTERFACE

### Three - pedal

According to the traditional grand piano, the electronic piano is manufactured. It adopts a damper pedal, a sostenuto pedal and a soft pedal which are same to that of the traditional grand piano.

Step on the pedal to open; Release the pedal to close.

Please connect the pedal cord to the pedal connector at the bottom of the piano.

### Damper pedal

(Right) After depressing the damper pedal, notes will be extended; After releasing, the portamento effect is closed immediately.

If you step on the damper pedal there, the note and the note that you played before releasing the pedal will extend longer.

### Damper pedal illustration

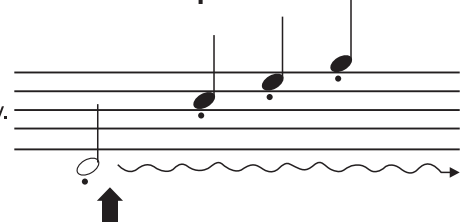


### Sostenuto pedal

(Middle) Press and hold the note key while depressing the pedal, which can prolong the pressed note (as if depressing the damper pedal) but the subsequent notes will not stretch. This can lengthen the chord or single bass note while playing other sounds in a staccato way.

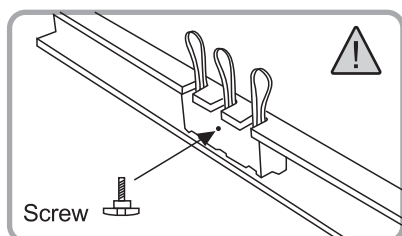
If you press and hold the note, while depressing the back damper pedal, this can extend the note until the pedal is released.

### Sostenuto pedal illustration

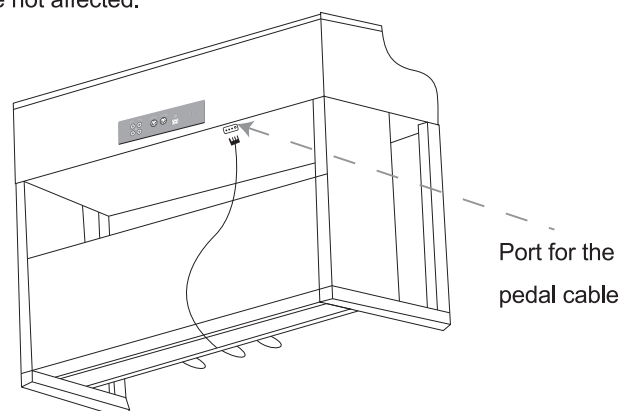


### Soft pedal

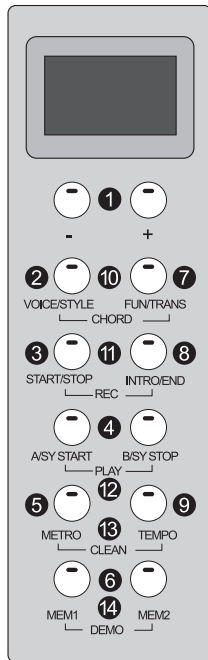
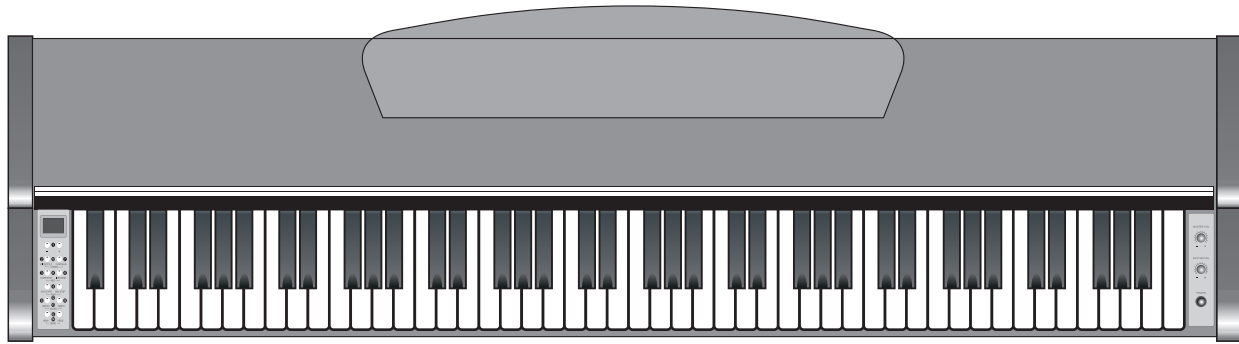
(Left) Depress the soft pedal to reduce the volume of the note that you are playing, at this time, the timbre changes. The notes played before depressing the pedal are not affected.



Before depressing the pedal, be sure that you have installed the pedal support screw and it is fully grounded.



## CONTROL PANEL



### 1 +/- KEY

- (1) You can press one of them for a short time to adjust the function selected.
- (2) You can press one of them for a long time to fast adjust the function selected.
- (3) Press the two keys at the same time to make the function selected restore to its default value.
- (4) For some optional functions, +/- key stands for Yes/No or ON/OFF.

### 2 VOICE/STYLE

#### VOICE

- (1) If the current status is not the timbre selection, press the key of timbre/rhythm to switch to the timbre selection status, the indicator lamp lights.
- (2) [+/-]Key adjusting
- (3) The default choice is the main keyboard piano timbre.
- (4) When the split function is opened, the left hand keyboard timbre is selected.
- (5) When the dual function is opened, the second layer of music is selected.

#### RHYTHM

- (1) If the current status is not the rhythm selection, press the key of timbre/rhythm to switch to the rhythm selection status, the indicator lamp flashes.
- (2) [+/-]KEY ADJUSTING
- (3) [START/STOP] key for starting/stopping rhythm
- (4) A, B Intro/Ending 3 groups of paragraph control



- (5) When stopping the rhythm, press the key of INTRO/END one time to insert Intro, press it again to cancel the inserting of Ending. When playing, insert this key to insert the Ending at the same time, the indicator lamp flashes.
- (6) When stopping the rhythm, press the key of A/SY START or the key of B/SY STOP for a short time to choose the main paragraph A or B, at the same time, the indicator lamp lights. When it is playing, press the key for a short time to insert the interlude, then return to the main paragraph. While inserting the interlude, the indicator lamp.
- (7) Pressing the key of A/Sy Start or the key of B/Sy Stop for a long time to open turn off the function of A SY START/ B SY STOP. When the function of SY START is opened, the rhythm stops with the release of the chord.

### 3 START/STOP

Start the rhythm pattern and turn off the rhythm pattern.

### 4 A/SY START B/SY STOP

A, B, Intro /Ending 3 groups of paragraph control; long press [A/SY START B/SY STOP] can choose to open or close the A/SY START B/SY STOP function; When the A/SY START function is on, press any key or active chord to A/SY START the rhythm; when the B/SY STOP function is on, the rhythm stops synchronously with the chord release.

### 5 METRO

Press the [METRO] button to turn the metronome on / off, the indicator light [On].

### 6 MEM1 MEM2

- (1) Long press [MEM1]/ [MEM2] to save all current user settings to the selected memory location, the indicator light [ON];
- (2) Short press [MEM1]/ [MEM2] key to recall the user settings of the selected memory location.

### 7 FUN/TRANS

Function: Short press [Function/Trans] key to enter the respective function adjustment status, indicator [BRIGHT]  
 Transpose: Long press [Function/Trans] key to enter Transpose adjustment state, indicator [Flash]; [+ , -] key adjustment.

### 8 INTRO/END

Press the [INTRO/END] key, and then press the [START / STOP] key to enter the prelude of the auto accompaniment. To stop the accompaniment, press the [START/STOP] key, then the electric piano automatically play a piece of ending music, the end of playing automatically play.

### 9 TEMPO

- (1) Press the [TEMPO] key to enter the speed adjustment status, the indicator light [ON];
- (2) [+/-] key adjustment;
- (3) Adjustable rhythm, metronome, songs, recordspeed.

### 10 CHORD

- (1) Press the [CHORD] key combination at the same time to turn on / off the auto chord;
- (2) Auto chord can recognize single-finger chords and multi-finger chords at the same time.

### 11 REC

- (1) Press [REC] key combination simultaneously, enter record preparation state;
- (2) [+/-] key to select the track you want to record;
- (3) play any key or an effective chord A SY/START record.
- (4) Press [REC] again to finish record.

## 12 PLAY

Simultaneously press the [PLAY] key combination to start / stop playing.

## 13 CLEAN

Simultaneously Press [CLEAN] key combination , according to the prompt operation can delete the currently selected user record content; press [+] key to confirm.

## 14 DEMO

(1) Simultaneously press the [DEMO] key combination to open / stop the demo song, and switch to the demo song selection status;  
(2) [+/-] key adjustment; the user record, and simultaneously switch to the user record selection state, [+/-] key adjustment;

## 15 MASTER VOL

Turn the knob of total volume to adjust the main volume of the piano.

## 16 RHYTHM VOL

Turn the knob of accompaniment volume to adjust the piano's accompaniment volume, demo music volume, metronome volume.

## 17 SWITCH

Before opening the power switch of the host, please tune all volume down to the minimum.

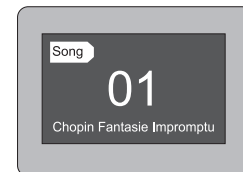
## DEMO SONG / INTELLIGENT TEACHING FUNCTION

### Play demo song

Digital Piano has 120 built-in demo songs, including 20 normal demo songs and 100 Cherney teaching demo songs, used to demonstrate its rich and colorful sound and beautiful sound quality.

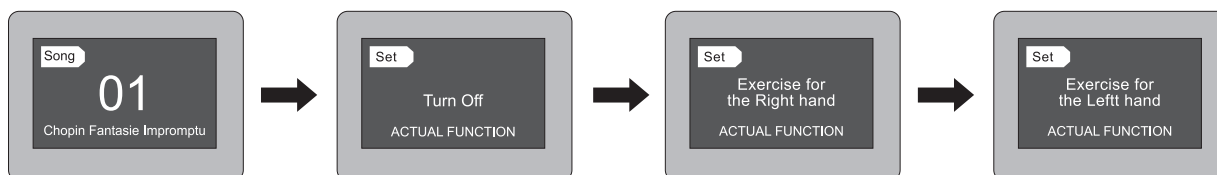
Users can have a preliminary understanding of this piano through the demo songs.

Simultaneously press the [MEM1 MEM2] and [MEM1 MEM2] combination keys to start demo song function, and the screen is shown on the right. All the demo songs will be played back in sequence. You can press [+] or [-]key in the process to select the previous song or the next song, and the display will show the name of the corresponding track (for details please refer to the demo song list on page 13). If you want to quickly select the song you can hold down the [+] or [-] button, and at this time the track will quickly flip .When the demo song is playing, press the [TEMPO] button, then press the [+][-] button to change the play speed of the current demo song.



### Cherney teaching and practice functions

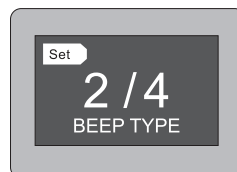
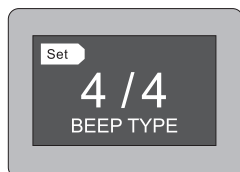
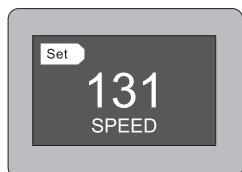
In addition to the digital piano 1-20 normal demo song, there are 100 examples of Cherney Etude and intelligent teaching function. For example: Press the [MEM1] and [MEM2] combination keys first to start the demonstration song function, and then press the [+] key to bring up the first one. The screen will be displayed synchronously as shown below; Press the [FUNCTION / TRANS] key until the [ACTUAL FUNCTION] word appears on the screen, as shown in the figure below. Press the [+] or [-] key to select the right hand trainer or the left trainer as shown below.



## METRONOME

The digital piano has built-in international standard metronome, as a reference for practice or performance. Press the [METRO] button, the metronome starts working, and the button light is on. Press the [TEMPO] button, the indicator light, and the screen shown below. Press the [+] [-] key to speed up or slow down the metronome. Press the [FUNCTION / TRANS] button several times while the metronome is working until [BEEP TYPE] appears on the screen.

Press the [+] [-] key at this time to select different beats, as shown in the figure, and the order is 2/4, 3/4, 4/4, 6/8, 6/8, 9/8, 12/8. Metronome speeds are consistent with those set for auto accompaniment or etudes and demo songs. Press the [METRO] button again and the metronome stops working. Use the accompaniment volume knob to adjust the volume of the melody independently without changing the master volume of the piano.



## TIMBRE

### Timbre selection

This digital piano has 128 international standard timbres GM and 10 sets of drum percussion timbres.

For details, please refer to Appendix "Timbres List"

In the boot default, it is the timbre select state. Press [+] [-] key to select the desired timbre, and long press [+] [-] key to quickly switch the desired timbre. The screen will display the timbre name synchronously. As shown on the right; Simultaneously press the [+] [-] key to restore the default timbre (grand pianotimbre)



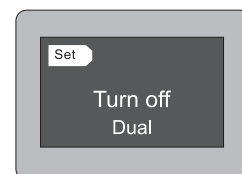
### Dual

The Dual feature allows you to hear a superposition of two timbres when playing a key,

1. Press the [FUN/TRANS] button several times until the screen appears [Dual] as shown on the right;
2. Press [+] key to open dual function, and press [-] key to close dual function.

For example: Combine "carillon" timbre with "bass saxophone" timbre, the operation is as follows:

Press the [FUN/TRANS] button to switch to the timbre selection mode, and press the [+] button to switch to the "Carillon" tone corresponding to the number "10". Press [FUN/TRANS] several times until the screen appears [Dual] and press [+] to turn it on, then press [FUN/TRANS] again to switch to the state of timbre selection, press [+] to switch to "Bass Sax" corresponding to number "68". The timbre is the dual of "Glockenspiel" and "Bass Sax".

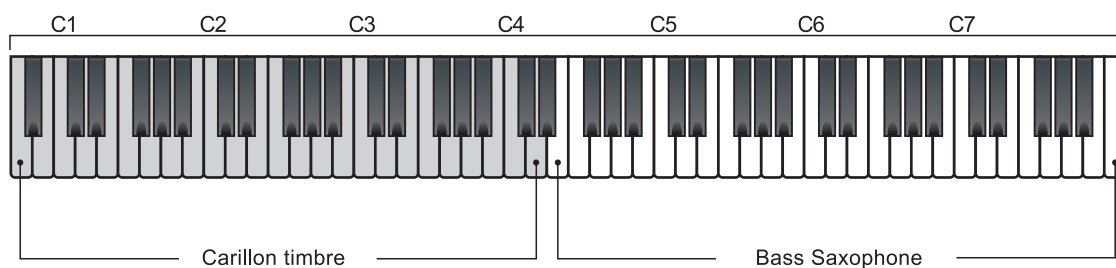


### Split

When playing with the keyboard split mode, the keyboard is divided into the left and right parts by the keyboard split point. The right part is played by the normal music, while the left part of the keyboard is played by another sound. You can also make the left and right keyboard play out the same pitch.

For example: let the left keyboard change into "glockenspiel" timbre and the right keyboard into a "bass saxophone" timbre, the operation is as follows:

Press the [VOICE/STYLE] key to switch to the timbre selection mode, and press [+] key to select the "Bass Saxophone" key corresponding to the number "68", and then press the [FUN/TRANS] button until [Dual] appears on the screen. Press the [+] button to activate the Dual Keyboard function. Press the [VOICE/STYLE] button again to switch to the timbre selection state. Press [+] to select the left "Carillon" sound, making it correspond to the number "10". At this time, both the left and right keyboards



## AUTO ACCOMPANIMENT

There are 100 kinds of automatic accompaniment, composed of percussion rhythm and instrumental accompaniment, representing a variety of different musical styles, and these styles are basically determined by the rhythm.

### Rhythm selection

Press [START/STOP] key to start rhythm accompaniment, and press [Music/ Rhythm] key to switch to rhythm selection state, and the indicator light flashes. The screen synchronously displays as shown on the right. Press [+] or [-] key to switch to the rhythm you need (Refer to page 12 for the tempo list). Press the [TEMPO] button, then press the [+] [-] button to adjust the tempo of the current tempo, and press the [START / STOP] button again to stop the tempo accompaniment.



**Note:** Long press [A/SY START] [B/SY STOP] key to select whether to enable or disable the A/SY START function. When the A/SY START function is on, press any key or a valid chord. A/SY START rhythm; When the B/SY STOP function is on, the rhythm is released as the chord.

### Chord separation point for natural accompaniment

The natural accompaniment and chord separation points divide the keyboard into two areas. The left side of the separation point is the accompaniment area. The right is the melody area. The preset separation point is the A key (A group key) and this separation point can be changed; Press the [FUN/TRANS] button several times until the "Chord Split Point" appears on the screen. The default separation point now shows the number "25" (25 refers to the number from the left to the right of the keyboard contains black keys, up to 25, that is the A group of large keys). Press the [+] [-] key at this time to change the keyboard chord separation point.

### Auto accompaniment mode

There are three auto accompaniment modes to choose from: one-finger chord, multi-finger chord, full keyboard mode.

#### Single chord / Fingered chords

In single-finger chord mode, the four most basic chords can be played using the simplest fingering (one finger, two fingers or up to three fingers).

Junior Chord: Play the root note of the chord

Triad: Simultaneously plays the root of the chord and a black key adjacent to the left.

A seventh chord: Play chords and roots together with a white key adjacent to the left.

Small seven chords: Simultaneously playing the chord root and the left side of the adjacent white and black keys (three keys at the same time play).

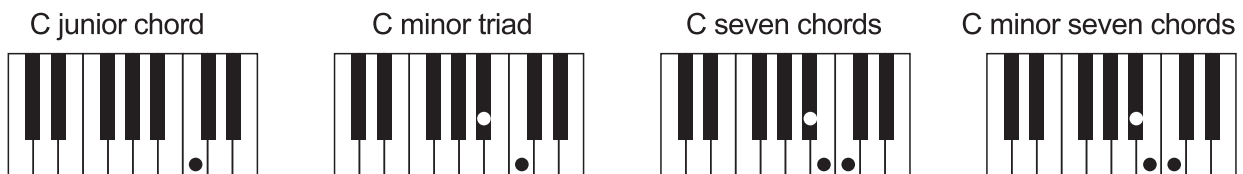
In Fingered mode, you can play more chord types than single-finger mode. It automatically produces the accompanying accompaniment based on the full chord played, so it is more suitable for those who are familiar with chords playing on the keyboard.

Note: If an unrecognizable chord is played while the accompaniment is in progress, keep the existing chords constant.

#### Full keyboard mode

When entering Full Keyboard mode, chords can be played throughout the keyboard without being limited to the auto accompaniment keypad.

Set "Full Keyboard Mode" Instructions: Press [Function / Shift] several times until [Chord Split] appears on the screen and then press the rightmost key of the keyboard. At this time, you can enter the full keyboard mode.



## Using Auto Accompaniment function

### A/ B section inserted

When using Auto Accompaniment, the performance of the song can be enriched by different performance modes of Section A and Section B. When the rhythm stops state, short press [A / SY START] or press [B / SY STOP] key to select main paragraph A or B, and the indicator light is on. Then press the [START / STOP] key to enter the auto chord accompaniment of the A or B segment selected by the user. When the rhythm is playing, press the [A / SY START] key briefly or the [B / SY STOP] key briefly to insert the door and return to the selected main paragraph.

### INTRO/END

Press the [INTRO/END] key, and then press the [START STOP] key to enter the Auto Accompaniment Prelude, and you can press [START / STOP] key to stop Auto Accompaniment function. When the rhythm is playing, press the [INTRO/END] key again, and the electric piano will play an ending piece automatically, ending the automatic accompaniment.

## FUNCTION

Short press [FUN/TRANS] key continuously to enter the following function adjustment status, and indicator is on.

Reverb Type: Select the reverb type	Practice features: used to demo song with the practice;
Reverb depth: Adjusts the reverb depth	Octave: keyboard octave adjustment
Chorus type: Choose a chorus type	Tuning: treble fine tuning (instrument range of Hertz)
Chorus depth: Adjust the chorus depth	Dual: Turns dual on / off
Harmony type: Choose harmony type	Split: Split function on /off
Equalizer Type: Choose the type of Equalizer	Dual volume: Dual second timbre volume adjustment
Strength type: Choose the strength type	Left keyboard volume: double keyboard around the keyboard volume
Beat Type: Choose Beat Type	Keyboard separation point: Dual keyboard separation point adjustment
	Chord separation point: Rhythm chord area separation point adjustment

## RECORD

### Record function

Simultaneously press [START/ STOP] [INTRO/END] key combination to start the record function, then enter the record preparation state, as shown in the following figure.

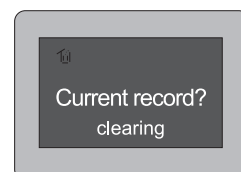
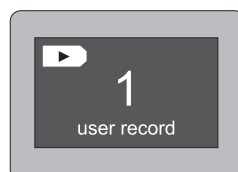
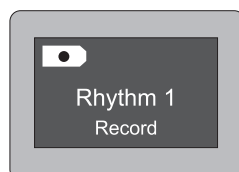
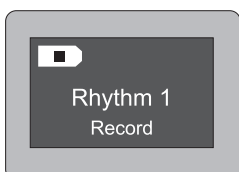
Press [+] or [-] key to select the track to be recorded. Press any key or synchronize with the chord to start recording, and the upper left box turns into a circle, as shown in the figure below. Press the [START / STOP] [INTRO/END] button simultaneously to stop ending the current recording.

### Record play/stop

Press the [A / SY START] [B / SY STOP] button simultaneously to play / stop user recording.

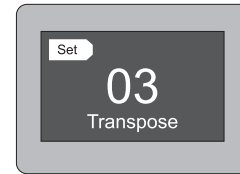
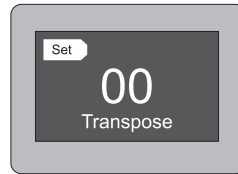
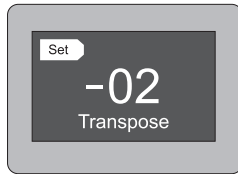
### Clear the record

Simultaneously press the [METRO] and [TEMPO] combination key to enter the clear state, then press the [+] key to confirm the deletion to delete the currently selected user record, as shown below.



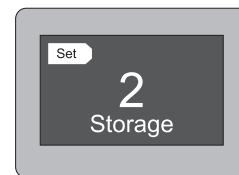
## TRANPOSE

Transpose in semitone steps, adjust the keyboard pitch up or down to a maximum of 24 semitones. Long press 3 seconds [FUN/TRANS] key to enter the transpose adjustment state, and the indicator light flashes, the screen as shown below. Adjust the desired pitch by [+] [-] key. To restore the factory pitch, press the [+] [-] key simultaneously while the transpose adjustment is in process.



## MEMORY

Storage is commonly used as functions, timbre, rhythm shortcuts. Long press [MEM1] or [MEM2] to save all the current user settings to the selected storage location, and the indicator light is on. Shortly press the [MEM1] or [MEM2] key to recall the selected user settings for storage location.



## BLUETOOTH OPERATION

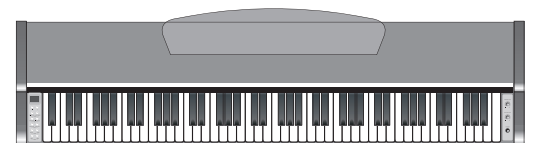
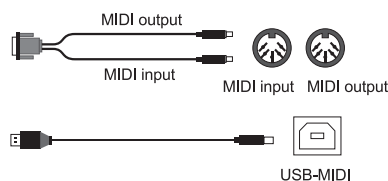
Search and connect the Bluetooth device through your smartphone, which is named "PIANO AUDIO", then you could play music by this digital piano. The Bluetooth function is in standby mode, when the digital piano is powered on.

## MIDI

MIDI is an acronym for Musical Instrument Digital Interface, a worldwide standard name for digital signals and connectors. Music data can be transferred between instruments and computers (machines) produced by different manufacturers through MIDI, which also have arranger, composer, computer record and other functions. Behind this instrument there is a USB interface and standard MIDI input and output interface. Please turn off the electric piano power before connecting the computer and other equipment.

### CAUTION

windows 2000/XP operating system must download USB MIDI driver software firstly



# TIMBRE LIST

N/A	ENGLISH NAME
001	Acoustic Grand Piano
002	Bright Acoustic Piano
003	Electric Grand Piano
004	Honky Tonk Piano
005	Electric Piano 1
006	Electric Piano 2
007	Harpsichord
008	Clavi
	Mallet
009	Celesta
010	Glockenspiel
011	Music Box
012	Vibraphone
013	Marimba
014	Xylophone
015	Tubular Bells
016	Dulcimer
	Organ
017	Drawbar Organ
018	Percussive Organ
019	Rock Organ
020	Church Organ
021	Reed Organ
022	Accordion
023	Harmonica
024	Tango Accordion
	Guitar
025	Acoustic Nylon Guitar
026	Acoustic Steel Guitar
027	Electric Jazz Guitar
028	Electric Clean Guitar
029	Electric Muted Guitar
030	Overdriven Guitar
031	Distortion Guitar
032	Guitar Harmonics
	Bass
033	Acoustic Bass
034	Electric Fingered Bass
035	Electric Picked Bass
036	Fretless Bass
037	Slap Bass 1
038	Slap Bass 2
039	Synth Bass 1
040	Synth Bass 2
	Strings
041	Violin
042	Viola
043	Cello
044	Contrabass
045	Tremolo Strings
046	Pizzicato Strings

N/A	ENGLISH NAME
047	Orchestral harp
048	Timpani
	Ensemble
049	String Ensemble 1
050	String Ensemble 2
051	Synth Strings 1
052	Synth Strings 2
053	Choir Aahs
054	Voice Oohs
055	Synth Voice
056	Orchestral
	Brass
057	Trumpet
058	Trombone
059	Tuba
060	Muted Trumpet
061	French Horn 1
062	Brass Section 1
063	Synth Brass 1
064	Synth Brass 2
	Reed
065	Soprano Sax
066	Alto Sax
067	Tenor Sax
068	Baritone Sax
069	Oboe
070	English Horns
071	Bassoon
072	Clarinet
	Pipe
073	Piccolo
074	Flute
075	Recorder
076	Pan Flute
077	Bottle Blow
078	Shakuhachi
079	Whistle
080	Ocarina
	Lead
081	Lead-Square Wave
082	Lead-Sawtooth Wave
083	Lead-Calliope
084	Lead-Chiff
085	Lead-Charang
086	Lead-Voice
087	Lead-Fifths
088	Lead-Bass
	Pad
089	Pad-New Age
090	Pad-Warm
091	Pad-Polysynth

N/A	ENGLISH NAME
092	Pad-Choir
093	Pad-Bowed
094	Pad-Metallic
095	Pad-Halo
096	Pad-Sweep
	Effects
097	FX-Rain
098	FX-Soundtrack
099	FX-Crystal
100	FX-Atmosphere
101	FX-Brightness
102	FX-Goblins
103	FX-Echoes
104	FX-Sci-Fi
	Ethnic
105	Sitar
106	Banjo
107	Shamisen
108	Koto
109	Kalimba 1
110	Bagpipes
111	Fiddle
112	Shanai
	Percussive
113	Tinkle Bell
114	Agogo
115	Steel Drums
116	Wood Block
117	Taiko Drum
118	Melodic Drum
119	Synth Drum
120	Reverse Cymba
	Sound Effects
121	Guitar Fret Noise
122	Breath Noise
123	Seashore
124	Bird Tweet
125	Telephone Ring
126	Helicopter
127	Applause
128	Gun Shot
	Drum
129	Standard Kit
130	Chinese Kit
131	Room Kit
132	Power Kit
133	Electronic Kit
134	T808 Kit
135	Jazz Kit
136	Brush Kit
137	Orchestra Kit
138	SFX Kit

# RHYTHM LIST

N/A	ENGLISH NAME
	8Beat
001	8Beat 1
002	8Beat 2
003	8Beat 3
004	8Beat 4
	16Beat
005	16Beat 1
006	16Beat 2
007	16Beat 3
008	16Beat 4
	Ballad
009	Ballad
010	Soul Ballad
011	6/8Ballad
012	Acoustic Ballad
013	Colour Ballad
014	Guitar Ballad
015	Piano Ballad
016	Organ Ballad
	Pop
017	Pop
018	Pop Waltz
019	Motown
020	British Pop
021	Guitar Pop
022	Slow Pop
023	50's Pop
024	80's Pop
	Rock
025	Rock
026	50's Rock
027	60's Rock
028	70's Rock
029	80's Rock
030	Big Rock
031	Power Rock
032	Dark Rock
033	Jazz Rock
034	Soft Rock
035	Pop Rock
036	Funky Rock

N/A	ENGLISH NAME
	8Beat
037	Ballad Rock
038	Folk Rock
039	Slow Rock
040	Rock&Roll
	Shuffle
041	Boogie
042	Twis
043	Groove
044	Groove 1
045	Groove 2
046	Groove 3
	Piano
047	Piano 1
048	Piano 2
049	Piano 3
	Unplugged
050	Unplugged 1
051	Unplugged 2
052	Unplugged 3
	Dance
053	Dance
054	Disco
055	House
056	Euro Beat
057	Funky Dance
058	80's Dance
059	Techno
060	Fusion
	R&B
061	Blues
062	Funky
063	Gospel
064	Rap
065	Soul
	Country
066	Country 1
067	Country 2
	Jazz
068	Jazz
069	Jazz Waltz

N/A	ENGLISH NAME
	8Beat
070	Jazz Ballad
071	Jive
072	Ragtime
073	Big Band
	Swing
074	Swing
	Caribbean
075	Caribbean
076	Reggae
	Latin
077	Cha Cha
078	Rumba
079	Samba
080	BossaNova
081	Mambo
082	Salsa
083	Beguine
084	Cumbia
085	Latin
	World
086	Baroque
087	Bolero
088	Holly Wood
	Ballroom
089	Foxtrot
090	Paso Doble
091	Quick Step
092	Bachata
093	Boston
094	Tango
	Waltz
095	Waltz
	Traditional
096	March
097	Polka
	Classical
098	Classical
099	Chinese
	China Folk
100	China Ballad



## DEMO SONG LIST

N/A	ENGLISH NAME
01	Chopin Fantasie Impromptu
02	Liszt Liebestrome
03	Chopin Petit Chien
04	Mozart Turkish March
05	Mozart Sonate
06	Chopin Nocturne
07	Beethoven Patheic Sonata
08	Beethoven For Elise
09	Beethoven Mondschein Sonate
10	Bach Waltz In A Mino
11	Bach Menuett
12	Richard Souvenirs D'Enfance
13	Richard Ballade Pour Adeline
14	Mendelssohn Frühlingslied
15	Schubert Three Military Marches
16	Schumann Traumerei
17	Haydn Little Serenade
18	Pachelbel Canon In D
19	Badarzewska Maiden's Prayer
20	Tchaikovsky Barcarolle
001	Czerny 599 No.001
002	Czerny 599 No.002
003	Czerny 599 No.003
004	Czerny 599 No.004
005	Czerny 599 No.005
006	Czerny 599 No.006
007	Czerny 599 No.007
008	Czerny 599 No.008
009	Czerny 599 No.009
010	Czerny 599 No.010
011	Czerny 599 No.011
012	Czerny 599 No.012
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037	Czerny 599 No.037
038	Czerny 599 No.038
039	Czerny 599 No.039
040	Czerny 599 No.040

N/A	ENGLISH NAME
041	Czerny 599 No.041
042	Czerny 599 No.042
043	Czerny 599 No.043
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099	Czerny 599 No.099
100	Czerny 599 No.100

## TROUBLE SHOOTING

Problem	Reasons	Solution
No sound when pressing the keyboard keys	<p>Cause 1 : The volume controller is set at the minimum "—" position.</p> <p>Cause 2 : An earphone or plug adapter is inserted in one of the earphone jacks.</p> <p>Cause 3 : The power is not connected to the family 220V or piano is off.</p>	<p>Solution 1: Turn the volume control to the right maximum volume"+."</p> <p>Solution 2: Unplug all headphone jack connectors.</p> <p>Solution 3: Turn on the home power, then press the "POWER" button to boot.</p>
Digital piano tone is not accurate	<p>Cause 1: The digital piano's pitch setting is not "0".</p> <p>Cause 2: Octave shift function is changed.</p> <p>Cause 3: The digital piano is not tuned correctly.</p>	<p>Solution 1: Long press the [Function / Transpose] key for 3 seconds to adjust the number to "0".</p> <p>Solution 2: the function of the octave shift function value is set to "0".</p> <p>Solution 3: Set the tuning value in the function to "0".</p>
Digital piano cannot send data after connecting with PC.	—	<p>1. Check and confirm that the USB data cable is connected to the digital piano and computer, and the computer software has selected the correct music equipment.</p> <p>2. Turn off the digital piano power supply, and then end the music software on the computer. Then turn the Digital Piano back on and restart the music software on your computer.</p>
Pedal does not work	<p>Cause 1: pedal connection jack is not plugged into the host.</p> <p>Cause 2: One end of the pedal is loose.</p>	<p>Solution 1: Plug the pedal cord into the main body socket</p> <p>Solution 2: Ensure that the pedal connection cable connected to one end of the pedal is tight.</p>
When working with the iphone / ipad / pod touch / Android tablet app, you can hear noise from the digital piano's built-in speakers or headphones	Signal interference	<p>Solution: Before connecting the Digital Piano to the iphone / ipad / ipod touch /Android tablet, turn on the device's flight mode or away from other electronics home appliances.</p>

## FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

## IC STATEMENT

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC": before the certification / registration number only signifies that the Industry Canada technical specifications were met. This product meets the applicable Industry Canada technical specifications.

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS(RSS) d'Innovation, Sciences et Développement économique Canada. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



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