

# INDEX

Precaution .....	1
Attention to installation\Panel Controls and Interfaces .....	4
Bluetooth function.....	6

## Basic operations

Power on/off \ Volume adjustment \ Headphone Connection.....	7
Record Function \ Play/Stop \ Play Demo .....	7
Accompany Function \ Start/Stop Sync start.....	8
Variation\Voice Control\Teaching Function\Voice Restoration.....	8
Metronome\Function Control .....	9
USB MIDI function\Audio Connection .....	15

## Appendix

Voice list\Rhythm list\Demo list .....	16
MIDI keyboard percussion music checking list .....	17
Specification .....	19
Troubleshooting .....	20



# PRECAUTIONS

## ***PLEASE READ CAREFULLY BEFORE PROCEEDING***

Please keep this manual in a safe and handy place for future reference.

### **WARNING**

**Always follow the basic precautions listed below to avoid the possibility of serious injury or even death from electrical shock, short-circuiting, damages, fire or other hazards. These precautions include, but are not limited to, the following:**

#### **Power supply/AC power adaptor**

- \* Do not place the power cord near heat sources such as heaters or radiators. Also, do not excessively bend or otherwise damage the cord, or place heavy objects on it.
- \* Only use the voltage specified as correct for the instrument. The required voltage is printed on the name plate of the instrument.
- \* Use the specified adaptor (page 7) only. Using the wrong adaptor can result in damage to the instrument or overheating.
- \* Check the electric plug periodically and remove any dirt or dust which may have accumulated on it.

#### **Do not open**

- \* This instrument contains no user-serviceable parts. Do not open the instrument or attempt to disassemble or modify the internal components in any way. If it should appear to be malfunctioning, discontinue use immediately and have it inspected by our qualified service personnel.

#### **Water warning**

- \* Do not expose the instrument to rain, use it near water or in damp or wet conditions, place on it any containers (such as vases, bottles or glasses) containing liquids which might spill into any openings. If any liquid such as water seeps into the instrument, turn off the power immediately and unplug the power cord from the AC outlet. Then have the instrument inspected by qualified our service personnel.
- \* Never insert or remove an electric plug with wet hands.

#### **Fire warning**

- \* Do not put burning items, such as candles, on the unit. A burning item may fall over and cause a fire.

#### **If you notice any abnormality**

- \* When one of the following problems occur, immediately turn off the power switch and disconnect the electric plug from the outlet. Then have the device inspected by our service personnel.
  - The power cord or plug becomes frayed or damaged.
  - It emits unusual smells or smoke.
  - Some object has been dropped into the instrument.
  - There is a sudden loss of sound during use of the instrument.

### **CAUTION**

**Always follow the basic precautions listed below to avoid the possibility of physical injury to you or others, or damage to the instrument or other property. These precautions include, but are not limited to, the following:**

#### **Power supply/AC power adaptor**

- \* Do not connect the instrument to an electrical outlet using a multiple-connector. Doing so can result in lower sound quality, or possibly cause overheating in the outlet.
- \* When removing the electric plug from the instrument or an outlet, always hold the plug itself and not the cord. Pulling by the cord can damage it.
- \* Remove the electric plug from the outlet when the instrument is not to be used for extended periods of time, or during electrical storms.

#### **Location**

- \* Do not place the instrument in an unstable position where it might accidentally fall over.
- \* When transporting or moving the instrument, always use two or more people. Attempting to lift the instrument by yourself may damage your back, result in other injury, or cause damage to the instrument itself.
- \* Before moving the instrument, remove all connected cables, to prevent damage to the cables or injury to anyone who might trip over them.

## Assembly

\* Read carefully the attached documentation explaining the assembly process. Failure to assemble the instrument in the proper sequence might result in damage to the instrument or even injury.

## Connections

\* Before connecting the instrument to other electronic components, turn off the power for all components. Before turning the power on or off for all components, set all volume levels to minimum.

\* Be sure to set the volumes of all components at their minimum levels and gradually raise the volume controls while playing the instrument to set the desired listening level.

## Handling caution

\* Do not insert a finger or hand in any gaps on the key cover or instrument. Also take care that the key cover does not pinch your finger.

\* Never insert or drop paper, metallic, or other objects into the gaps on the key cover, panel or keyboard. This could cause physical injury to you or others, damage to the instrument or other property, or operational failure.

\* Do not rest your weight on, or place heavy objects on the instrument, and do not use excessive force on the buttons, switches or connectors.

\* When setting up the product, make sure that the AC outlet you are using is easily accessible. If some trouble or malfunction occurs, immediately turn off the power switch and disconnect the plug from the outlet. Even when the power switch is turned off, electricity is still flowing to the product at the minimum level. When you are not using the product for a long time, make sure to unplug the power cord from the wall AC outlet.

\* Use only the stand specified for the instrument. When attaching the stand or rack, use the provided screws only. Failure to do so could cause damage to the internal components or result in the instrument falling over.

\* Do not use the instrument/device or headphones for a long period of time at a high or uncomfortable volume level, since this can cause permanent hearing loss. If you experience any hearing loss or ringing in the ears, consult a physician.

## Using the bench (If included)

\* Do not place the bench in an unstable position where it might accidentally fall over.

\* Do not play carelessly with or stand on the bench. Using it as a tool or stepladder or for any other purpose might result in accident or injury.

\* Only one person should sit on the bench at a time, in order to prevent the possibility of accident or injury.

\* If the bench screws become loose due to extensive long-term use, tighten them periodically using the included tool.

\* Keep special watch over any small children so that they don't fall off the rear of the bench. Since the bench does not have a backrest, unsupervised use may result in accident or injury.

**\* We disclaims any responsibility caused by improper use or modifications to the instrument, or data that is lost or destroyed.**

## NOTICE

To avoid the possibility of malfunction/ damage to the product, damage to data, or damage to other property, follow the notices below.

### ■ Handling and Maintenance

\* Do not use the instrument in the vicinity of a TV, radio, stereo equipment, mobile phone, or other electric devices.

Otherwise, the instrument, TV, or radio may generate noise. When you use the instrument along with the application on your iPhone/iPad, we recommend that you set "Airplane Mode" to "ON" on your iPhone/iPad in order to avoid noise caused by communication.

\* Do not expose the instrument to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater, or in a car during the day) to prevent the possibility of panel disfiguration, damage to the internal components or unstable operation. (Verified operating temperature range: 5° - 40° C, or 41° - 104° F.)

\* Do not place vinyl, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.

\* In the case of a model with a polished finish, bumping the surface of the instrument with metal, porcelain, or other hard objects can cause the finish to crack or peel. Use caution.

\* During extreme changes in temperature or humidity, condensation may occur and water may collect on the surface of the instrument. If water is left, the wooden parts may absorb the water and be damaged. Make sure to wipe any water off immediately with a soft cloth.

**\* The contents in this hand book is only for introduction purpose, it may be different from the instrument you buy.**

#### ■ Saving data

\* Saved data may be lost due to malfunction or incorrect operation. Save important data to external device such as a computer .

#### ■ About copyrights

\* Copying of the commercially available musical data including but not limited to MIDI data and/or audio data is strictly prohibited except for your personal use.

\* This product incorporates and bundles computer programs and contents in which the manufacturer owns copyrights or with respect to which it has license to use others' copyrights. Such copyrighted materials include, without limitation, all computer software, style files, MIDI files, WAVE data, musical scores and sound recordings. Any unauthorized use of such programs and contents outside of personal use is not permitted under relevant laws. Any violation of copyright has legal consequences. DON'T MAKE, DISTRIBUTE OR USE ILLEGAL COPIES.

#### ■ About functions/data bundled with the instrument

\* Some of the preset songs have been edited for length or arrangement, and may not be exactly the same as the original.

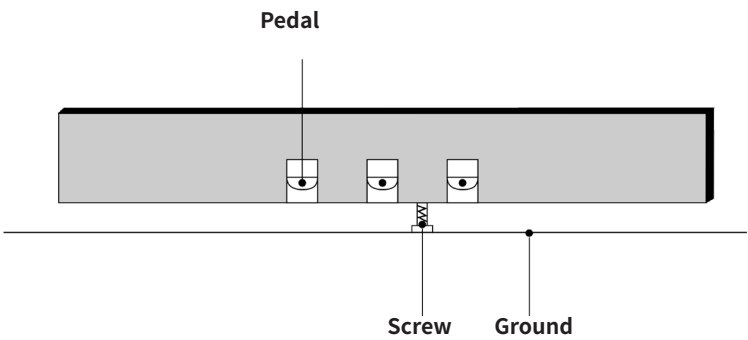
#### ■ About this manual

\* The illustrations as shown in this manual are for instructional purposes only, and may appear somewhat different from those on your instrument.

\* The actual goods shall prevail. Operation and specifications are subject to change without notice. All rights reserved.

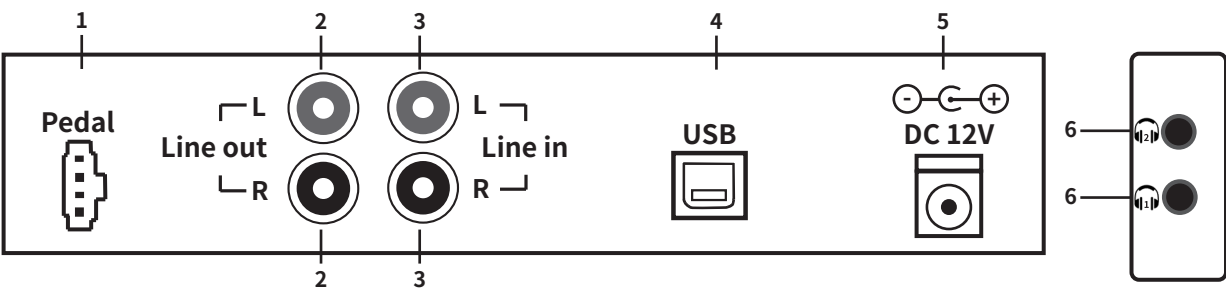
# Attention to installation

In the process of installing the piano, be sure to contact the ground with the screw under the pedal, to make it close to the ground, in order to avoid any damage of the pedal.



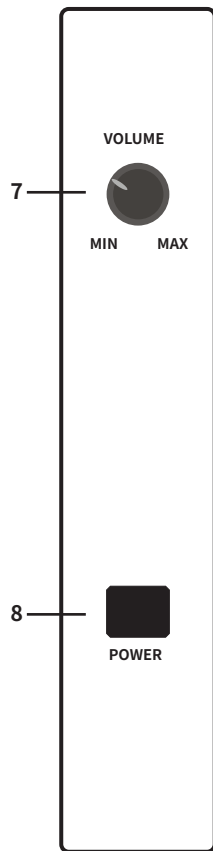
## Panel Controls and Interfaces

### 1、Control panel function



1 [Pedal] jack .....page 4	4 [USB] jack.....page 15
For connecting the 3 pedal.	For connecting to a computer via a USB MIDI cable.
2 [Line out] jack.....page 15	5 [Power] jack ..... page 7
Audio output.	For connecting the power adapter.
3 [Line in] jack.....page 15	6 [Headphone] jack .....page 7
Audio input.	For connecting with headphone.

## 2、Control panel function



**7 [VOLUME]knob.....page 7**

For adjusting the volume of the entire sound.

**8 [POWER]button .....page 7**

For turning the power on.

**9 [FUNCTION]button.....page 9**

Press function button,to set different effect or function.

**10 [METRONOME]button.....page 9**

For Start or Stop metronome.

**11 [RECORD]button.....page 7**

For Recording the music when playing.

**12 [PLAY/STOP]button.....page 7**

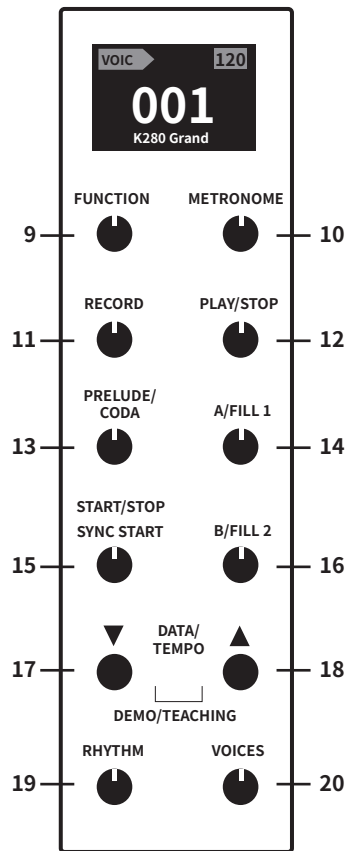
For turn on /off the record.

**13 [PRELUDE/CODA]button..... page 8**

For play the prelude or code automatically.

**14 [A/FILL 1]button.....page 8**

When in automatic accompaniment playing mode,  
accompaniment can get into the main music A.



**15 [START/STOP,SYNC START]button....page 8**

For turn on /off the automatic accompaniment function.

**16 [B/FILL 2]button.....page 8**

When in automatic accompaniment playing mode,  
accompaniment can get into the main music B.

**17 [DATA/TEMPO ▼]button.....page 8**

To adjust the data/function-(down).

**18 [DATA/TEMPO ▲]button.....page 8**

To adjust the data/function-(up).

**19 [RHYTHM]button.....page 8**

To select rhythm.

**20 [VOICES]button.....page 8**

To select voice.

## Bluetooth function

---

### \* Audio Bluetooth function:

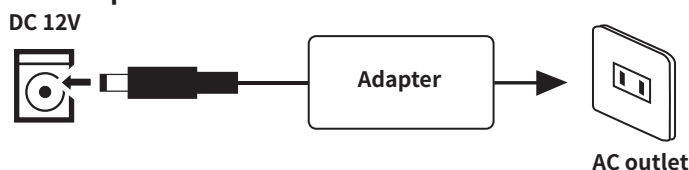
- (1) Turn on the piano, the Bluetooth function will be on at the same time.
- (2) Open your phone or iPad to search Bluetooth device name **【FDP 3】** . The password is “6666” , input the password if needed.
- (3) After successful pairing, we can play music through the phone or iPad.
- (4) You can switch song and volume with your phone. (Phone support required)。



# Basic operations

## Power on/off

1. Connect the power as the picture showed below:



### Warning

Only specified adapters can be used. Use other power adapters may cause irreparable damage to the adapters and the product.

### Caution

Please plug out the power cable when not play the piano for a long time or in a thunderstorm.

**2. Turn on:** Press the **【POWER】** button and the panel light will be on, the default voice is Grand piano.

**3. Turn off:** Press the **【POWER】** button for 3 seconds and release the button, the power will be turned off.

**4. Auto Power Off:** The piano will be power off in 60 minutes without any operation. The user can set the auto power off time to be in 30mins, 60mins, 90mins or 120mins according to their requirement. Operation steps: Press **【FUNCTION】** button and the indicated light will be on, press **【DATA/TEMPO】** to set. Press **【FUNCTION】** button again, the indicator light will turn off and exit function setting status.

## Volume adjustment

Turn the Volume button on the control panel to set the volume. Turn the button clockwise to raise volume. Turn the button anticlockwise to reduce volume.

**Warning:** Too loud sound, especially when you wear the headphone, will do damage to hearing.



## Headphone Connection

Apart from the built-in speaker system, you can also connect two standard stereo headphones. Headphone jack is on the left side under the keyboard. The built-in speaker system doesn't work after connecting the headphone. And just the headphone volume by switching master volume button.



## Record Function

**Start recording:** Press **【RECORD】** button and the indicate light turns on, which means entering the record status. Meanwhile, the metronome starts automatically. It can be turned off manually if it isn't needed. (This digital piano has accompaniment track which can be recorded)

**End recording:** Automatic Ending: During the recording process, when the storage space is full, recording will end automatically.

Manual Ending: Press the **【RECORD】** button during recording, and it will end recording.



## Play/Stop

**Record playing:** Press **【PLAY/STOP】** button and start replaying record. Press **【PLAY/STOP】** button again to stop replaying.

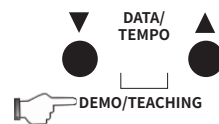
**Power off and save:** After restarting the power supply, press **【PLAY/STOP】** to play the last recording.



## Play Demo

**Play all demo composition:** Press **【DEMO/TEACHING】** button to loop demo composition. Press **【DEMO/TEACHING】** button again to stop playing. During the playing status, press **【DATA/TEMPO ▼/▲】** button to select

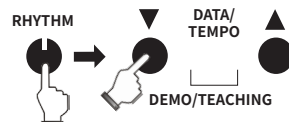
corresponding composition.



## Accompany Function

**Select Rhythm:** Press **【RHYTHM】** button to activate rhythm selection. Press **【DATA/TEMPO ▼/▲】** button to select rhythm. (The rhythm list is in the appendix)

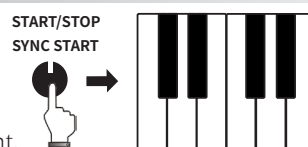
**Adjust accompaniment velocity:** After exiting the rhythm selection function, meanwhile, press **【DATA/TEMPO ▼/▲】** button to adjust automatic accompaniment velocity.



## Start/Stop Sync start

### 1. Start/Stop, steps as below:

- (1) Press **【START/STOP SYNC START】**, the indicated light will be on, now there will be a little triangle blinking on the screen, and the piano has the accompaniment.
- (2) Press **【START/STOP SYNC START】** again, the piano will stop the accompaniment.



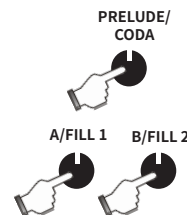
### 2. Sync start, steps as below:

- (1) Long press **【START/STOP SYNC START】**, the sync start function will be on, now there will be a little triangle blinking on the screen, but the piano doesn't have the accompaniment. Then press any keys of the keyboard, the automatic accompaniment will be on. (If the CHORD ON/OFF function is on, only the light side keys is workable.)
- (2) Press **【START/STOP SYNC START】** again, the piano will stop the accompaniment.

## Variation

**PRELUDE/CODA:** Before the automatic accompaniment starts, press **【PRELUDE/CODA】** button to start prelude and enter the main musical A status automatically; When the automatic accompaniment is playing, press the **【PRELUDE/CODA】** button and the automatic accompaniment will stop automatically after playing a piece of coda.

**Fill in A-B:** In automatic accompaniment status, press **【A/FILL 1】** and accompaniment will enter main musical A status; In automatic accompaniment status, press **【B/FILL 2】** and accompaniment will enter main musical B status.



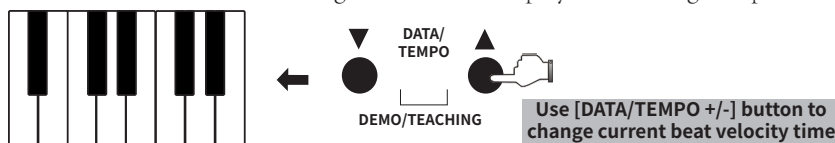
## Voice Control

- 1) The default voice is 001 after power on.
- 2) Voices select: Press **【VOICES】** Button to activate voices selection function. OLED will display corresponding voice number. Press **【DATA/TEMPO ▼/▲】** button to select any voice.



## Teaching Function

Press one key and **【DEMO/TEACHING】** button to start teaching function. It will play the teaching composition.



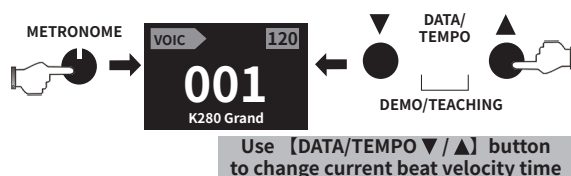
## Voice Restoration

No matter in what playing status, long press **【VOICES】** button twice and the digital piano will return to original status. The default voice is Grand piano.



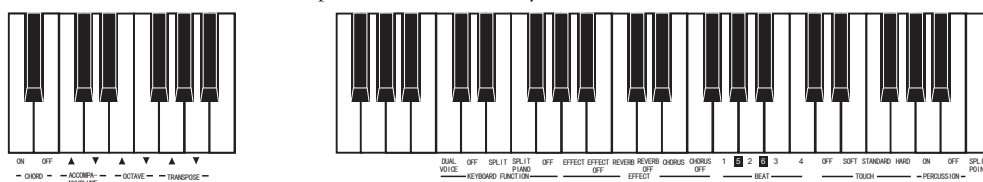
## Metronome

- 1) Press **【METRONOME】** button on control panel to start metronome and the indicator light will flash. OLED will display the beat velocity. The default velocity is 120 beats/min.
- 2) Press **【DATA/TEMPO ▼/▲】** button to adjust beat velocity from 20 to 280 beats/min.
- 3) Press **【METRONOME】** button again to exit metronome setting. The digital piano will automatically save the current setting.
- 4) Restart digital piano to return to default beat setting.



## Function Control

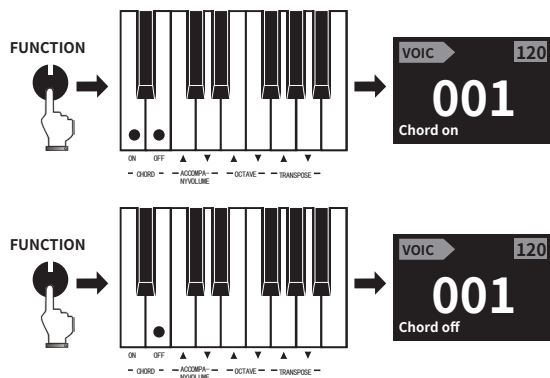
As a user-friendly instrument, all functions in this digital piano can be activated easily. Every function is corresponding to a key. (The name of each function is printed under the key for reference.)



- 1) Press **【FUNCTION】** button, the indicator light turns on and function selection is activated. Press any one key to select corresponding function.
- 2) Press **【FUNCTION】** button again, the indicator light will turn off and exit function setting status. Now you can play the digital piano according to the chosen function mode. (PS: Under the status of function setting, key pressing is soundless.)

### ●Chord

- 1) This digital piano contains one chord mode; press **【FUNCTION】** button and the indicator light turns on. Press **【CHORD ON】** button to start automatic chord function.
- 2) Press **【FUNCTION】** button, indicator light turns on. Press **【CHORD OFF】** button to turn off automatic chord function.



### Fingered Chord Type

Chord type	Chord type in English	Chord mark	Fingering
大三	Major	M	1-3-5
大六	Major sixth	M6	1-3-5-6
大七	Major seventh	M7	1-3-(5)-7
大七升十一	Major seventh sharp eleventh	M7(#11)	1-(2)-3-#4-(5)-7
大三加九	Major add ninth	M(9)	1-2-3-5
大九	Major seventh ninth	M7(9)	1-2-3-(5)-7
六九	Major sixth add ninth	6(9)	1-2-3-(5)-6
增三	Augmented	Aug	1-3-#5
小三	Minor	m	1-b3-5
小六	Minor sixth	m6	1-b3-5-6
小七	Minor seventh	m7	1-b3-(5)-b7

Fingered Chord Type			
Chord type	Chord type in English	Chord mark	Fingering
小七降五	Minor seventh flaten fifth	m7b5	1-b3-b5-b7
小三加九	Minor add ninth	m(9)	1-2-b3-5
小九	Minor seventh add ninth	m7(9)	1-2-b3-(5)-b7
小十一	Minor seventh add eleventh	m7(11)	1-(2)-b3-4-5-(b7)
小大七	Minor major seventh	mM7	1-b3-(5)-7
小大九	Minor major ninth	mM7(9)	1-2-b3-(5)-7
减三	Diminished	dim	1-b3-b5
减七	Diminished seventh	dim7	1-b3-b5-6
属七	Seventh	7	1-3-(5)-b7
七和弦挂四度	Seventh suspend fourth	7sus4	1-4-5-b7
属九	Seventh ninth	7(9)	1-2-3-(5)-b7
属七升十一	Seventh sharp eleventh	7(#11)	1-(2)-3-#4-(5)-b7
属七十三	Seventh thirteenth	7(13)	1-3-(5)-6-b7
属七降五	Seventh flatten fifth	7(b5)	1-3-b5-b7
属七降九	Seventh flatten ninth	7(b9)	1-b2-3-(5)-b7
属七降十三	Seventh flatten thirteenth	7(b13)	1-3-5-b6-b7
属七升九	Seventh sharp ninth	7(#9)	1-#2-3-(5)-b7
大七增三	Major seventh augmented	M7aug	1-3-#5-7
属七增三	Seventh augmented	7aug	1-3-#5-b7
三和弦挂四度	Suspended fourth	sus4	1-4-5

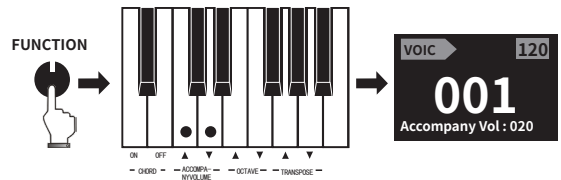
Fingered Chord — Fingering Charts							
0 C	1 C <sub>6</sub>	2 C <sub>M7</sub>	3 C <sub>M7</sub> (#11)	4 C <sub>M</sub> (9)	5 C <sub>M7</sub> (9)	6 C <sub>6</sub> (9)	7 C <sub>aug</sub>
8 C <sub>m</sub>	9 C <sub>m6</sub>	10 C <sub>m7</sub>	11 C <sub>m7</sub> (b5)	12 C <sub>m</sub> (9)	13 C <sub>m7</sub> (9)	14 C <sub>m7</sub> (11)	15 C <sub>mM7</sub>
16 C <sub>mM7</sub> (9)	17 C <sub>d</sub> im	18 C <sub>d</sub> im <sub>7</sub>	19 C <sub>7</sub>	20 C <sub>7</sub> sus4	21 C <sub>7</sub> (b5)	22 C <sub>7</sub> (9)	23 C <sub>7</sub> (#11)
24 C <sub>7</sub> (b13)	25 C <sub>7</sub> (b9)	26 C <sub>7</sub> (13)	27 C <sub>7</sub> (#9)	28 C <sub>M7</sub> aug	29 C <sub>7</sub> aug	30 C <sub>sus4</sub>	

## Single-Finger Chord Fingering Table (Major C)

C	Cm	C7	Cm7	F#m/G b	F#m/G b m	F#7/G 7	F#m7/G b m7
C#m/D b	C#m/D b m	C#7/D b7	C#m7/D b m 7	G	Gm	G7	Gm7
D	Dm	D7	Dm7	G#m/A	G#m/A b m	G#7/A b7	G#m7/A b m7
D#m/E b	D#m/E b m	D#7/E 7	D#m7/E b m7	A	Am	A7	Am7
E	Em	E7	Em7	A#m/B	A#m/B b m	A#7/B b7	A#m7/B b m7
F	Fm	F7	Fm7	B	Bm	B7	Bm7

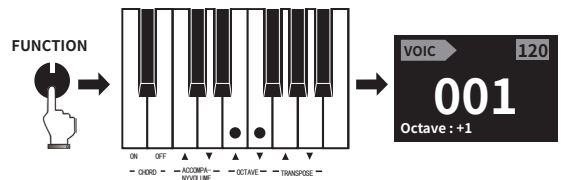
### ●Accompany Volume

- 1) Press **【FUNCTION】** button, indicator light turns on.  
Press **【ACCOMPANIMENT VOLUME ▲/▼】** button to adjust accompaniment volume.
- 2) Press **【FUNCTION】** button again, the indicator light will turn off and exit accompaniment volume adjusting.



### ●Octave

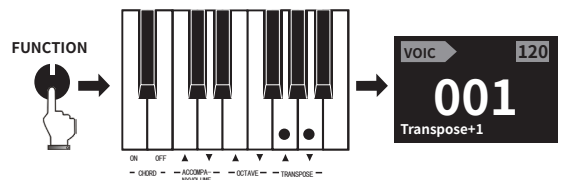
- 1) Press **【FUNCTION】** button, indicator light turns on, press **【OCTAVE ▲/▼】** button to adjust pitch.
- 2) Press **【FUNCTION】** button, the indicator light will turn off and exit pitch adjusting.



### ●Transpose

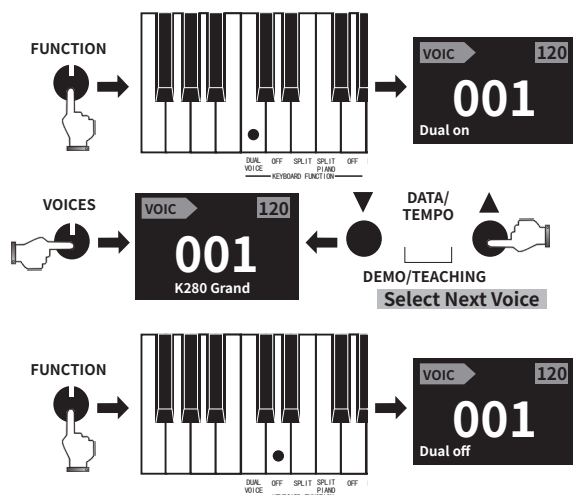
This function can transpose a note to +/- 12 semitone in a range of octachord.

- 1) Press **【FUNCTION】** button and indicator light turns on, press **【TRANSPOSITION ▲/▼】** button to adjust pitch. Adjusting range: -12 to +12.
- 2) Press **【FUNCTION】** button again, the indicator light will turn off and transposition select function turns off.



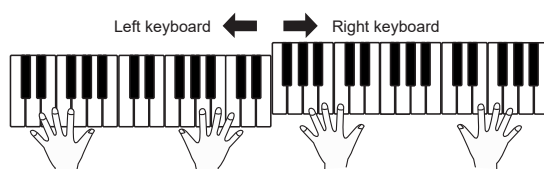
## ●Dual voices

- 1) Press **【FUNCTION】** button, indicator light turns on, press **【DUAL VOICE】** button to enter dual voices status.
- 2) Select 2nd voice by **【DATA/TEMPO ▲/▼】** button. 1st voice should be adjusted before pressing **【DUAL VOICE】** button.
- 3) Press **【FUNCTION】** button and indicator light turns on, press the corresponding key **【OFF】** to turn off dual voice effect to return to 1st voice.



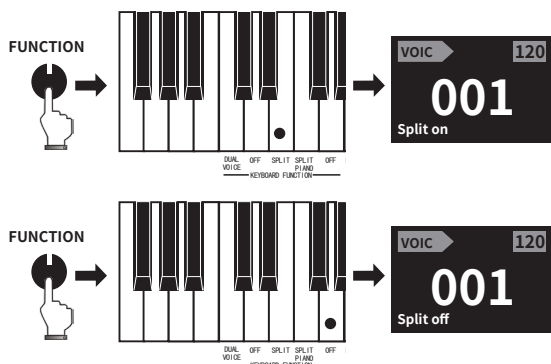
## ●Double keyboard \ Dual piano

This function can divide the keyboard into two individual playing zones.



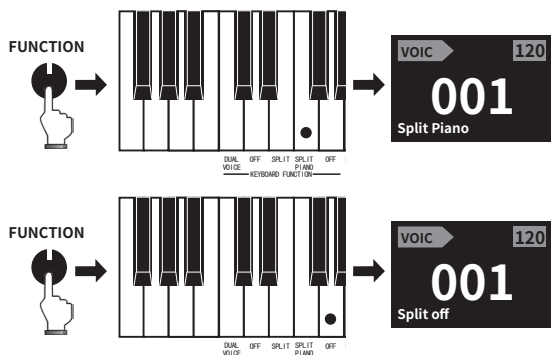
### Double keyboard:

- 1) Before pressing **【SPLIT】** button, select voice for the left keyboard. Press **【FUNCTION】** button, the indicator light turns on, press **【SPLIT】** button to enter split status. The keyboard is divided into two individual zones. The split point is Central C. Select voice for the right keyboard by **【DATA/TEMPO ▲/▼】** button.
- 2) Press **【FUNCTION】** button and the indicator light turns on, press the corresponding key **【OFF】** to exit split status. Press **【FUNCTION】** button and the indicator light turns on. Press **【SPLIT】** button to enter split status. The split point divides the keyboard into two individual playing zones.



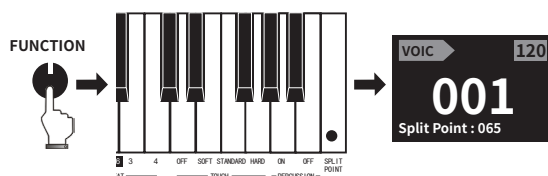
### Dual piano:

- 1) Press **【FUNCTION】** button, the indicator light turns on, press the corresponding key **【SPLIT PIANO】** to enter the dual piano status. It will split the keyboard into two individual piano voice keyboard.
- 2) Press **【FUNCTION】** button and the indicator light turns on, press the corresponding key **【OFF】** to exit the dual piano status.



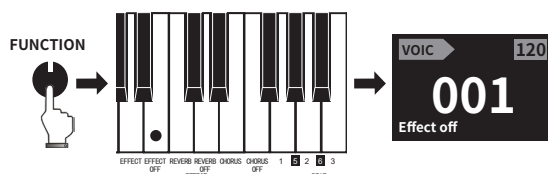
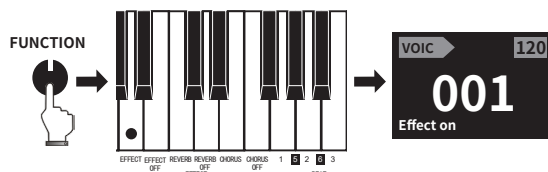
## ● Split point setting

- 1) Press **【FUNCTION】** button and indicator light turns on, press **【SPLIT POINT】** button to enter split point setting status. Now press any key you want to set the split point.
- 2) Press **【FUNCTION】** button again, the indicator light turns off, the split point is set and the piano will exit the split point setting status.



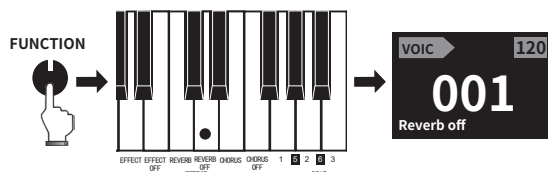
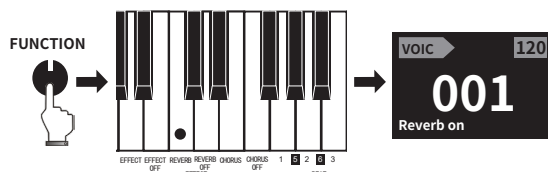
## ● Effect setting

- 1) Press **【FUNCTION】** button and indicator light turns on, press the corresponding key **【EFFECT】** to turn on the effect function.
- 2) Press **【FUNCTION】** button and the indicator light turns on, press the corresponding key **【EFFECT OFF】** to exit the effect function.



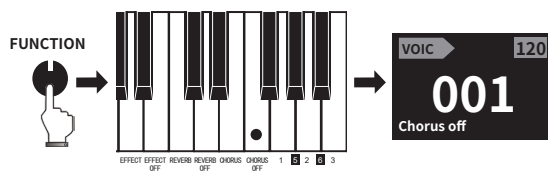
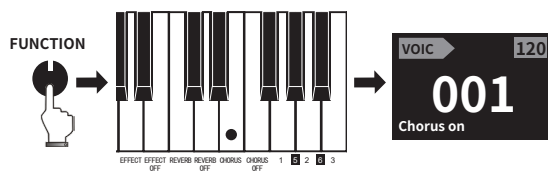
## ● Reverb setting

- 1) Press **【FUNCTION】** button and indicator light turns on, press the corresponding key **【REVERB】** to turn on the reverb function.
- 2) Press **【FUNCTION】** button and the indicator light turns on, press the corresponding key **【REVERB OFF】** to exit the reverb function.



## ● Chorus setting

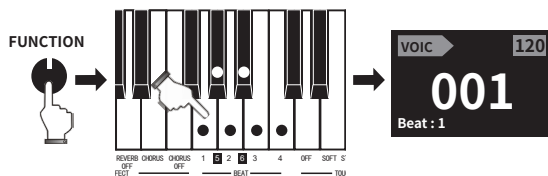
- 1) Press **【FUNCTION】** button and indicator light turns on, press the corresponding key **【CHORUS】** to turn on the chorus function.
- 2) Press **【FUNCTION】** button and the indicator light turns on, press the corresponding key **【CHORUS OFF】** to exit the chorus function.



## ● Beat setting

This digital piano has six kinds of beats, which are 1,2,3,4,5,6.

- 1) Press **【FUNCTION】** button and the indicator light turns on, press the corresponding beat key to set.
- 2) Press **【FUNCTION】** button again, the indicator light turns off, so as to set split point. (5,6 is separately matched to the black key)

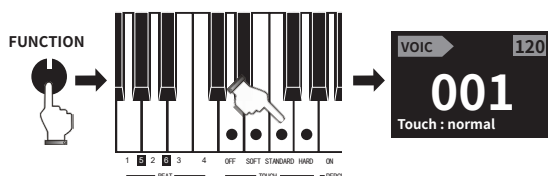


## ● Touch setting

This digital piano has 5 touches curves: default、soft、standard、hard、touch off.

Press **【FUNCTION】** button and the indicator light turns on, press the corresponding touch key to activate touch function.

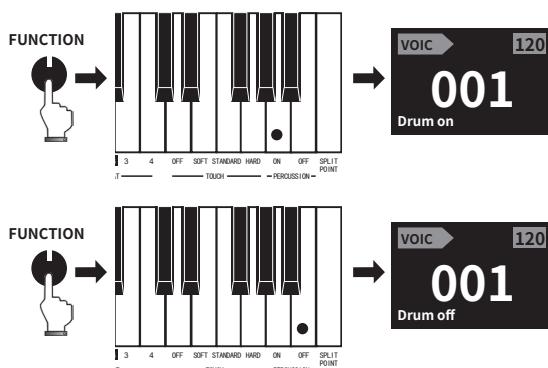
**Note:** When turn on the piano, the default touch is default.



## ● Percussion setting

1) Press **【FUNCTION】** button and the indicator light turns on, press **【PERCUSSION ON】** button to activate percussion.

2) Press **【FUNCTION】** button and the indicator light turns on, press **【PERCUSSION OFF】** button to turn off percussion function. The digital piano will return to the original voice.





## USB MIDI function

Connect the computer to the USB MIDI Jack in the back inserting plate to get MIDI Production Function.



USB TO HOST Connection



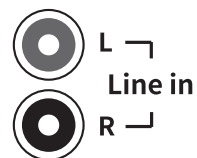
Digital Piano Back  
Interface Plate USB Jack

## Audio Connection

● **Line In:** Connect the musical instrument to the built-in speaker system, regarding the digital piano as speaker.



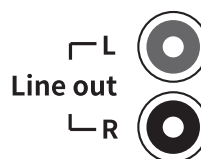
Audio Connection



● **Line Out:** Regarding this digital piano as sound source, connect it to the external speaker system.



Audio Connection



## Voice list

No.	Instrument	No.	Instrument	No.	Instrument
001	K280 Grand	010	GTR NYLON	019	CLARINET
002	KA212 Grand	011	GTR STEEL	020	FLUTE
003	E PIANO1	012	ACOU BASS	021	PAN FLUTE
004	E PIANO2	013	VIOLIN	022	VOICE LEAD
005	HARPSCRD	014	HARP	023	SITAR
006	MUSIC BOX	015	STRINGS	024	SHAMISEN
007	XYLOPHONE	016	VOICE Oohs	025	KALIMBA
008	CHURCH ORG	017	TRUMPET	<b>PERCUSSION</b>	
009	ACCORDION	018	SAX TENOR	001	Standard Drums

## Rhythm list

No.	Name	No.	Name	No.	Name
001	80s pop	006	Country	011	RockRoll
002	90s Dance	007	Europop	012	Soca
003	Beguine	008	Jazztet	013	TeknoRok
004	Blues	009	KikDance	014	Waltz
005	Bossa	010	Lounge	015	Waltz2

## Demo list

No.	Name	No.	Name	No.	Name
001	Chopin Fi	021	Dolly's Dream	041	Humoresque
002	AMASON Rock	022	4 Cygnets	042	England March
003	Fountain	023	Old France	043	Little Boat
004	Bach Piano	024	Minuet Bath	044	Happy Farmer
005	Minuet Bach	025	Song of Joy	045	Minuet Piano
006	Love Romance	026	Busker	046	Little Starts
007	Four Cygnets	027	NewsPaper Sale	047	Deep Sea
008	Puppy Wlatz	028	Doves	048	Wa Ha Ha
009	CpnEtude	029	Mai Tang Yuan	049	Snail & Bird
010	Turkey March	030	Trout	050	In Moonshine
011	Chopin No.6	031	Curvet Piano	051	Nature Wonder Land
012	Menuett	032	Spring Waltz	052	Years Ago
013	MarciaAT	033	Aledeman	053	CuaiYunZhuiYue
014	Chopin Night	034	Bach 2 Creative	054	Liang Zhu
015	Piano Ballad	035	Moonlight Debussy	055	Jingle Bells
016	Ragetime	036	Tea & Butterfly	056	Run Hours On Hall
017	Zi Zhu Diao	037	Gavotte Dance	057	Moscow Nights
018	Sad Person	038	Canon Piano	058	Shear
019	Fn Rhythm	039	Cowboy & Flute	059	North Spring
020	Eugenia	040	Turkey March	060	Youth Dance

## MIDI keyboard percussion music checking list

Note#	Note	Ostand set	1Room set	2Power set	3Electric set	4Synth set
7	D#1	Syn Sound	Syn Sound	Syn Sound	Syn Sound	Syn Sound
8	E1	Slap	Slap	Slap	Slap	Slap
9	F1	Scratch1	Scratch1	Scratch1	Slap	Scratch1
10	F#1	Scratch2	Scratch2	Scratch2	Scratch2	Scratch2
11	G1	Sticks	Sticks	Sticks	Sticks	Sticks
12	G#1	Click	Click	Click	Click	Click
13	A1	Metronome Click	Metronome Click	Metronome Click	Metronome Click	Metronome Click
14	A#1	Metronome Bell	Metronome Bell	Metronome Bell	Metronome Bell	Metronome Bell
15	B1	Kick2	Kick2	Kick2	Electric Kick2	Kick2
16	C2	Kick1	Kick1	Power Kick1	Electric Kick1	Synth Kick
17	C#2	Side Stick	Side Stick	Side Stick	Side Stick	Synth Side Stick
18	D2	Snare Drum2	Snare Drum2	Power Snare	Electric Snare Drum2	Synth Snare
19	D#2	Hand Clap	Hand Clap	Hand Clap	Hand Clap	Hand Clap
20	E2	Snare Drum1	Room Snare1	Snare Drum1 Snare 1	Electric Room	Snare Drum1
21	F2	Low Tom2	Power Low Tom2	Power Low Tom2	Electric Low Tom2	Synth Low Tom2
22	F#2	Closed Hi-Hat	Closed Hi-Hat	Closed Hi-Hat	Closed Hi-Hat	Synth Closed Hi-Hat
23	G2	Low Tom1	Power Low Tom1	Power Low Tom1	Electric Low Tom1	Synth Low Tom1
24	G#2	Pedal Hi-Hat	Low Tom1	Pedal Hi-Hat	Pedal Hi-Hat	Synth Pedal Hi-Hat
25	A2	Mid Tom2	Power Mid Tom2	Power Mid Tom2	Electric Mid Tom2	Synth Mid Tom2
26	F#2	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Synth Open Hi-Hat
27	G2	Mid Tom1	Power Mid Tom1	Power Mid Tom1	Electric Mid Tom1	Synth Mid Tom1
28	G#2	High Tom2	Power High Tom2	Power High Tom2	Electric High Tom2	Synth Tom2
29	A2	Mid Tom2	Power Mid Tom2	Power Mid Tom2	Electric Mid Tom2	Synth Mid Tom2
30	A#2	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Synth Open Hi-Hat
31	B2	Mid Tom1	Power Mid Tom1	Power Mid Tom1	Electric Mid Tom1	Synth Mid Tom1
32	C3	High Tom2	Power High Tom2	Power High	Electric High Tom2	Synth Tom2
33	C#3	Crash Cymbal	Crash Cymbal	Crash Cymbal	Crash Cymbal	Synth Crash Cymbal
34	D3	High Tom1	Power High Tom1	Power High Tom1	Power High Tom1	Synth High Tom1
35	D#3	Ride Cymbal	Ride Cymbal	Ride Cymbal	Ride Cymbal	Ride Cymbal
36	E3	Chinese Cymbal 1	Chinese Cymbal 1	Chinese Cymbal 1	Chinese Cymbal 1	Chinese Cymbal 1
37	F3	Ride Bell	Ride Bell	Ride Bell	Ride Bell	Ride Bell
38	F#3	Tambourine	Tambourine	Tambourine	Tambourine	Tambourine
39	G3	Splash Cymbal	Splash Cymbal	Splash Cymbal	Splash Cymbal	Splash Cymbal
40	G#3	Cowbell	Cowbell	Cowbell	Cowbell	Cowbell
41	A3	Crash Cymbal	Crash Cymbal	Crash Cymbal	Crash Cymbal	Crash Cymbal

<b>Note#</b>	<b>Note</b>	<b>Ostand set</b>	<b>1Room set</b>	<b>2Power set</b>	<b>3Electric set</b>	<b>4Synth set</b>
42	A#3	Vibra-Slap	Vibra-Slap	Vibra-Slap	Vibra-Slap	Vibra-Slap
43	B3	Ride Cymbal1	Ride Cymbal1	Ride Cymbal1	Ride Cymbal1	Ride Cymbal1
44	C4	High bomgo	High bomgo	High bomgo	High bomgo	High bomgo
45	C#4	Low conga	Low conga	Low conga	Low conga	Low conga
46	D4	Mute conga	Mute conga	Mute conga	Mute conga	Mute conga
47	D#4	High conga	High conga	High conga	High conga	High conga
48	E4	Low conga	Low conga	Low conga	Low conga	Low conga
49	F4	High Timbale	High Timbale	High Timbale	High Timbale	High Timbale
50	F#4	Low Timbale	Low Timbale	Low Timbale	Low Timbale	Low Timbale
51	G4	High Agogo	High Agogo	High Agogo	High Agogo	High Agogo
52	G#4	Low Agogo	Low Agogo	Low Agogo	Low Agogo	Low Agogo
53	A4	Cabasa	Cabasa	Cabasa	Cabasa	Cabasa
54	A#4	Msracas	Msracas	Msracas	Msracas	Msracas
55	B4	Short Hi Whistle	Short Hi Whistle	Short Hi Whistle	Short Hi Whistle	Short Hi Whistle
56	C5	Long low whistle	Long low whistle	Long low whistle	Long low whistle	Long low whistle
57	C#5	ShortGuiro	ShortGuiro	ShortGuiro	ShortGuiro	ShortGuiro
58	D5	logn Guiro	logn Guiro	logn Guiro	logn Guiro	logn Guiro
59	D#5	Claves	Claves	Claves	Claves	Claves
60	E5	Hi Wood Block	Hi Wood Block	Hi Wood Block	Hi Wood Block	Hi Wood Block
61	F5	Low Wood Block	Low Wood Block	Low Wood Block	Low Wood Block	Low Wood Block
62	F#5	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica
63	G5	Open Cueca	Open Cueca	Open Cueca	Open Cueca	Open Cueca
64	G#5	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle
65	A5	Open Triangle	Open Triangle	Open Triangle	Open Triangle	Open Triangle
66	#5	Shaker	Shaker	Shaker	Shaker	Shaker
67	B5	Jingle Bell	Jingle Bell	Jingle Bell	Jingle Bell	Jingle Bell
68	C6	Bell Tree	Bell Tree	Bell Tree	Bell Tree	Bell Tree
69	C#6	Castanets	Castanets	Castanets	Castanets	Castanets
70	D6	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo
71	D#6	Open Surdo	Open Surdo	Open Surdo	Open Surdo	Open Surdo

## Specification

**Sound source:** European Spectral Composite techniques DSP chip. Pearl River Kayserburg Grand Piano sound sampling, 5 Layers dynamic, String overtones resonance simulation sound technology..

**Exterior:** With small door, wooden shell structure, sliding key cover, aluminum alloy handle, folding large spectrum frame, single row round button key side control panel.

**Keyboard:** Independent development 88 keys dynamic curve hammer action weighted keyboard.

**Polyphony:** 256(Stereo)

**Demo:** 60 demos

**Voice:** 26 voices

**Rhythm:** 15

**Touch:** 5 piano standard touch curves, Default、Soft、Standard、Hard、Touch off.

**Rhythm control:** Auto Chord Switch, SYN start, SYN stop, A fill 1, B fill 2, Prelude\Finale.

**Record function:** 2 record tracks, record、replay supported, Maximum notes for one single song is 22000, MIDI, 64 tracks and 16 channels, Support MIDI 0&1 file.

**Voice Control:** Grand piano tone, Dual voice, Double keyboard, Split mode, Split point.

**Dual Voice:** Dual voice can be set when playing.

**Keyboard Split:** Double piano, Piano duet, String ensemble, Wind orchestra, It can make different setting.

**Volume control:** Master volume, Accompany volume (0-32), adjustable volume control when playing at night

**Transpose:** 25 (0,-/+12)

**Octave:** 3 octaves, -1, 0, +1.

**Effect function:** 64 reverb, 64 chorus, 127 Tremolo effect.

**Metronome:** Dynamics click as per beat, 1, 2, 3, 4, 5, 6;

**Tempo:** 20-280。

**Pedal:** Imitated traditional grand piano pedal function, Soft, selected sustain, sustain.

**Headphone:** There are two 3.5mm headphone jacks.

**USB interface:** USB MIDI jack to connect with PC to achieve an infinity interaction with GM International Standard sound.

**Bluetooth audio:** To connect with devices via Bluetooth function to play music.

**MIDI keyboard:** Connect with PC via a USB cable from USB jack to achieve music arrangement.

**Audio input:** support MP3/MP4/DVD/PC/IPAD/IPHONE audio input.

**Speaker system:** Italian technology designed 2 speakers stereo sound system.

**Interface:** USB jack, Pedal jack, Power jack, 3.5 Headphone jack, Line in/out.

**Power:** DC12V/2000mA

**Speaker power:** Woofer 25W\*2

**Dimension:** 1372\*420\*833mm(L\*W\*H)

**Net weight:** 41.5kg

**Accessories:** Power adapter, Guarantee card, Quality certificate, User manual.

\*Specifications and descriptions in this owner's manual are for information purposes only. Our company reserves the right to change or modify products or specifications at any time without prior notice. Since specifications, equipment or options may not be the same in every countries, please check with your dealer for any question.

## Troubleshooting

Problem	Cause/Solution
There is noise when turn on/off the power	This is normal , please don' t worry.
After turning on, no sound is produced when press the keys	Please adjust the master volume or check if there is a headphone connected in the device.
The note and its timber are of a little differences under the same patch	This is normal.
When using the sustaining function, some patches are different long or short	This is normal.
The volume is too low	Please adjust the master volume knob.
MIDI transmission function fail when the MIDI Cord connecting well	This is normal.
Noise caused when near phone	This is normal, In order to avoid it please keep away when calling.
When playing piano, the pitch is not in accordance with the keyboard	Please check if you have activated the SPLIT mode function and turn it off.
Pitch can not be changed when playing piano, and the pitch is not in accordance with the keyboard	Please check if you have activated the SPLIT mode function and set the split point to the highest level, Turn off the split mode function and set the split point back to the original.
Distortion or intermittent when playing demo songs	The cause could be the overheating of the speakers,when you play for a long time with the maximum volume, at this point please lower the volume or turn the piano off for a while.
Two tones come out at the same time when playing	Dual sound function might by activated, please turn off it to avoid it.
Pitch wrong	Please confirm the pitch setting or set it to “Zero”
Two tones come out at the same time when playing	Dual sound function might by activated, please turn off it to avoid it.
Pitch wrong	Please confirm the pitch setting or set it to “Zero”

**NOTE:** This instrument has been tested and it is according with the relevant regulations of EMC. Wireless communication might caused the interference with this instrument. Or the instrument might caused the interference with wireless. The user should adopt the following measure to improve it.

- Relocation or adjust the receiving antenna.
- Keep a distance between the device and receiver.
- Connect the receiver and the device cord in different plug.
- Please consult your dealer or experienced wireless technician.

**Caution:** Do not modified the device by yourself.

**\*\***Our company reserves the right to change or modify products or specifications at any time without prior notice.

Parts Name	Hazardous Chemicals(Element)					
	Pb	Hg	Cd	Cr(VI)	PBB	PBDE
<b>PCB</b>	×	○	○	○	○	○
<b>Cable</b>	×	○	○	○	○	○
<b>Adapter</b>	×	○	○	○	○	○
<b>Speaker</b>	×	×	×	○	○	○
<b>Light</b>	×	○	○	○	○	○
<p>○: Means the hazardous chemicals of the parts comply with the standard Regulation SJ/T11363-2006.</p> <p>×: Means the hazardous chemicals of the parts exceed the standard regulation of SJ/T11363.2006.</p>						

**Manufactured by**  
**Guangzhou Pearl River Amason Digital MusicalInstrument Co.,Ltd**

**Add:No.38.Xiangshan Ave,Zengcheng Economic and Technological**  
**Development Zone,Guangzhou China**  
**Tel:+86-20-36574618**  
**Fax:+86-20-81764948**  
**Email:maggiechen@prpiano.cn**

**NO.:3400000648**



**FCC Warning:**

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.

**Caution:** Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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 0cm between the radiator and your body.