

FLYKEYS

Achieve Your Music Dream

USER MANUAL

M2

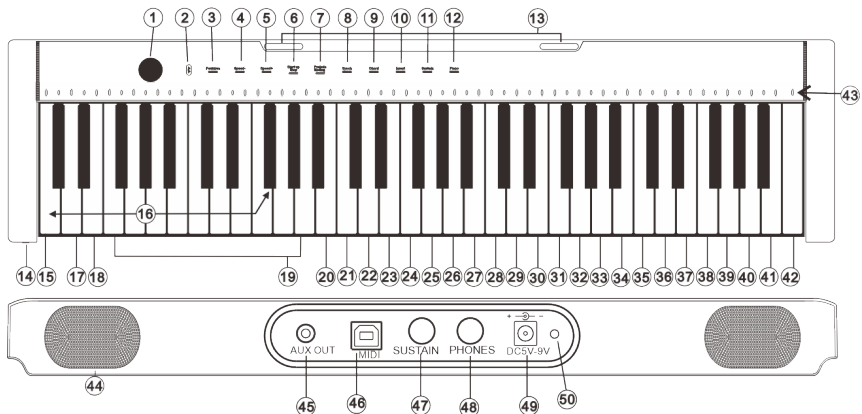
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Specification

1. 61 standard strength piano keys
2. Panel touch control
3. Two-color light conduction function of piano keys
4. Connect the learning APP function
5. The learning APP can be connected via Bluetooth and cable Two ways to connect
6. 61 keyboard percussion
7. Dual timbre and keyboard functions
8. 600 voices ,100 demos and 200 rhythms
9. Recording, programming and playback functions
10. Function of synchronization and insertion
11. Metronome function
12. There are three learning functions of duet singing, continuous singing and demonstration song
13. Single finger chord, polyfinger chord
14. Sound extension and trill function
15. Shift function
16. Master volume, accompaniment volume, beat speed control
17. MIDI input and output
18. MIDI Bluetooth
19. Built-in lithium battery: 2000mAh
20. Power: 5V/2A
21. Dimension: 903×222× 83mm(L*W*H)
22. Net weight: 3.5kg

I: Function keys and external ports

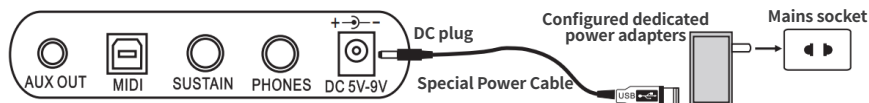


1. Power switch/total Volume control knob
2. Bluetooth indicator (When the Bluetooth connection is successful, the Bluetooth icon will be lit up)
3. Function selection key
4. Speed -
5. Speed +
6. Rhythm start/stop button
7. Prelude and epilogue
8. Synchronize key
9. Synthesize chord keys
10. Insert the key
11. Tone delay key
12. Piano keys
13. Songbook rack
14. Diameter 3.5mm headset post
- 15.17.18 .Three teaching functions
16. Chord zone
- 19.(0-9) Number key
20. The digit key -
21. The number + key
22. Tone selection key
23. Rhythm selection key
24. Force on/off
25. Accompaniment -
26. Accompaniment +
27. Store keys
28. Memory 1
29. Memory 2
30. Double timbre
31. Dual keyboards
32. Keyboard drums
33. Falling intonation
34. Rising voice
35. Trill key
36. Metronome
37. Record button
38. Play button
39. Programming button
40. Click the keys
41. Sing-along keys
42. Keyboard light on/off
43. Keyboard pilot light
44. Loudspeakers
45. Audio output jack
- 46.MIDI interface
47. Extension pedal socket
48. Diameter 6.35 mm headphone jack
49. Power socket
50. Charging indicator light

II. Use of power adapter and battery

1. Use the power adapter:

The machine is equipped with lithium battery, turn on the power switch of the piano can be used normally, or plug in the "power adapter" of the piano to "charge" the machine and use the power supply of the machine at the same time, plug the standard socket of the "power adapter" into the corresponding mains socket. The other end is inserted into the "DC5V-9V" jack at the back of the electronic organ (when the power adapter is plugged in, the "red" charging light at the side of the "DC5V-9V" socket indicates that the machine is being charged), and the power switch on the violin can be used normally (when the battery of the machine is fully charged, the "red" charging indicator light will be extinguished).



Note:When using the power adapter to power the machine, the power adapter will also charge the machine.

2. Use of battery:

The instrument is equipped with a 2000mAh lithium battery. If you need to use the instrument outside, you can use the built-in battery to power the electronic organ. When the battery is fully charged, you can turn on the power switch of the instrument.

3. Use of charging:

When using the battery of the machine for power supply is too low, the sound quality will be come smaller, worse and inaccurate, and the function display on the panel will flash or restart the machine constantly. In this case, the battery is too low, and the battery should be charged intime. Plug the "power adapter" of the piano into the mains and plug the other side into the DC socket of the piano to charge the piano (at this time, the "red" charging indicator light will light up, and when the battery is fully charged, the "red" charging indicator light will turn off, indicating that the battery is fully charged).

⚠ Warning:When the "power adapter" is connected to the piano, the "power adaptor" will charge the piano no matter the "power switch" is "on" or "off". Please remove the "power adapter" from the mains socket when you do not use the piano and do not need to charge, so as to avoid battery damage, overheating, explosion, fire and other things.

- Note:**
1. It takes about (2-3) hours for the battery to be fully charged. Do not charge the battery for more than 6 hours.
 2. Charge the piano when it is necessary to be supervised by a special person to prevent unnecessary accidents.
 3. Please limit the use of the power adapter supplied by our factory. Using the wrong power adapter will lead to overheating and damage the internal components of the electronic organ.

4. Use of audio output:

The audio outlet (AUX OUT) of the electronic organ can be connected to the soundbox with a power amplifier to provide a sound source output port.

5. Use headphones:

Users can choose a headset plug with a diameter of 6.35mm and a diameter of 3.5mm. Insert these lected headset into the headset jack (PHONES). After inserting the headset, the audio output of the speaker of the phone will be automatically blocked. In other words, the speaker of the phone will be muted to avoid disturbing others.

(If you want to use this instrument, please pull out the headphone spike).

Note:The 6.35mm diameter of the headset header is on the back of the instrument (PHONES), and the 3.5mm diameter of the headset header is on the front left of the instrument (PHONES).

6.MIDI function:

Connect the MIDI jack of the piano to the USB jack of the computer. Through various professional MIDI editing software (such as Cakewalk, etc.),MIDI information of the piano and MIDI information of the computer can be transmitted to each other.

Note:This piano is not equipped with computer cable and MIDI editing software, users need to purchase.

III:The playing and operation of the harp

(I) The choice of power supply and sound color.

1. Power switch:

The power "switch" and "total volume" control knobs are integrated knob switches. Turn clockwise to "on" and counter-clockwise to "off".Turn the power switch to the "On" direction, then the panel functionkey will light up and display. The electronic organ automatically resets to "000" (piano tone) and the rhythm to "000" (club pop).

2. Total volume:

Great that the total volume of the adjustable or is small, the boot can be rotated principal directly under the state of the volume knob to adjust the volume of the sound big or small volume, the volume knob clockwise counterclockwise rotation volume decreases, the volume knob counterclockwise rotation to is closed at the end of the machine power supply.



Features

Speed-

Speed+

3. Selection of the voice:

This instrument has a total of "600" realistic voice, from "000" to "599" can be used freely.

Before selecting a sound color, hold down the "Features" key, press the "Sound Color Selection" button, and then select the "number key".Example: Select a voice numbered "018".First hold down the "Features" key, then press the "tone selection" key → press the number key "0" → press the number key "1" → press the number key "8", and then release the "Features" key, then the tone is "018".Select the sound color numbered "113", hold down the "Features" key, and then press the "sound color selection" key → press the number key "1" → press the number key "1" → press the number key "3" and release the "Features" key, then the sound color is "113".(as shown below)

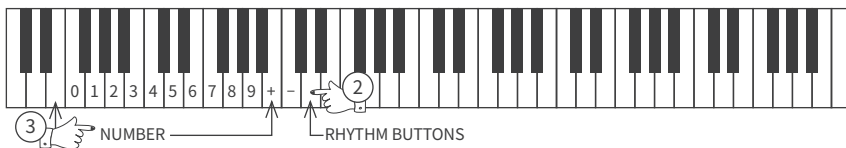


Features

Speed-

Speed+

Start up
Stop



Use "+" and "-" to hold down the "Features" key, and then press the "Timbre" key: In the voice selection mode, press the "+" key, or press the "-" key, and the voice number increases or decreases in sequence until you select the voice.

Note: You can release the "Features" button only after selecting the desired tone. (To select any function except the total volume and the function displayed on the panel, press and hold down the "Features" key first, and then press the corresponding function key to select the required function. After selecting the required function, release the "Features" button).

4. The use of Piano keys:

When playing, no matter the user chooses any timbre to play, when the key of "Piano" is pressed once, the tone color of the Piano will be changed to "piano" timbre. If the key of "piano" is pressed again, the tone color will return to the original tone color selected just before playing.

Note:

1. According to the function of the touch pad, the finger should be raised as far as possible to more than 3 cm or so away from the touch pad, and then the finger should be as flat as possible, and slightly press down the center of the word displayed on the panel. When pressing the touch pad, the finger should cover the functional word displayed on the panel as much as possible, so that the sensitivity of the touch will be better.

The functions indicated on the panel can be realized.

2. If you press the touchpad for more than 20 seconds, the touchpad will automatically reset. If you press and hold the touchpad for more than 20 seconds, press and hold it again after the touchpad is reset.

5. Force on/off:

The "force on/off" key is to turn on or off the keyboard force response switch. The default force is turned on when the machine is started. In the startup state, first hold down the "Features" key, then press the "strength on/off" key, once to close the strength and then press to open, so as to cycle.

(II) Use of sound effects:

1. Trill:

Press and hold down the "Features" key and then the "Vibrato" key, and then release the "Features" key. At this time, the sound color will shake. If you repeat more than once, the vibrato effect will be canceled.

2. Sound extension:

Sustain "key can be directly pressed under the working condition of the piano. At this time, the sound effect of the syllable during performance can be lengthened. If you press the "Sustain" key for one more time, the effect of sustain will be canceled.

3. Use of keyboard percussion:

First hold down the "Features" button, then press the "keyboard drum" key, and then release the "Features" key, then 61 keyboards into percussion keyboards, each key corresponds to a percussion instrument; Disable Keyboard percussion: Hold down the "Features" key and press the "Keyboard drum" key again. Release the "Features" key to cancel the keyboard percussion and switch the keyboard back to playing mode.

(See Appendix IV for keyboard percussion comparison table).

4. Use of the function of lifting and adjusting:

The up and down tuning function can change the tone of the keyboard. Press and hold down the "Features" key first, and then press the "Up" or "down" key to set the variable value. Every time you press the "up" or "down" key, the tone will be "up" or "down" half a key, and the variable value range is from "+6" to "-6". To return to the default value (00), hold down the Features key and then press the Up and Down keys at the same time.

5. Dual tone switch:

First press and hold down the "Features" key, and then press the "double tone" key. At this time, two different Musical Instruments will be played at the same time, that is, the main tone color and the selected second tone color will sound at the same time. At this time, you can press and hold down the "Features" key, then press the "tone color selection" key and the "numeric keypad" to select the required second tone color. Hold down the "Features" key and press the "Double Tone" key again to exit this function.

6. Dual keyboard switch:

Press the "Features" key first, and then press the "Double keyboard" key, then the keyboard will be divided into C2~B3 and C4~C7. The positions of C2~B3 on the keyboard correspond to the positions of C4~B5. At this time, the original timbre of C4~C7 keys can be replaced by the way of "select timbre". Divide the keyboard into two different timbre plays at the same time. To disable this function, hold down the "Features" key and press the "Dual Keyboard" key once.

7. Metronome:

In the normal state, first hold down the "Features" key, and then press the "metronome" key every time, the beat will be 1/4 beat → 2/4 beat → 3/4 beat → Stop → 1/4 beat...For this loop, the default speed is 120. Stop the metronome: Press the Start up Stop key once.

(III) The use of demonstration music and learning function

1. Singing the demonstration song:

First hold down the "Features" key and then press the "Click" key to play the current song. Then hold down the "Features" key and press the "click" key once to stop the play. Then press again to play the next song so as to cycle.

Note: First hold down the "Features" key and then press the "chant" key to play one song at a time, then press this key to stop, then press again to play the next song, then press successively, then you can select each song in the memory of the piano.

2. Demonstration song:

First hold down the "Features" key and then press the "continuous singing" key, that is, the current song will be played. At this time, the song will start from the current song, and then the next song will be played. All songs will be played in a loop until the "continuous singing" key is pressed again.

Note: To cancel "Click" or "sing-along", you can hold down the "Features" and press the "Start up Stop" button once.

3. Selection of Demonstration music:

In the "singing" or "sing-along" mode, the song selection mode will be automatically entered. You can also select the song you want through the numeric keypad. Press and hold down the "Features" key, enter the number of the demonstration song directly on the numeric key, and then release the function key.

4. Learning Function 1 (single-key mode) :

Press the "Features" key first and then the "Learning 1" key to enter the single-key teaching mode. Press any key to play the main melody notes and accompanying music. If you do not play the music after selecting the music, the machine will play a certain part of the accompanying music repeatedly. Until you play any key (this function is suitable for beginners), during the learning process, you can select the demonstration songs through the "+" or "-" key, select the demonstration songs: press the "Features" key and then press the "+" or "-" key to select the required demonstration songs, cancel the learning function of "learning 1". Press and hold down the "Features" key, then "Learn 1" key, and release the "Features" key to exit this function, or directly press the "Start/Stop tart up Stop" key to exit this function.

5. Learning Function 2 (follow-up mode) :

Press and hold down the "Features" key first, then press the "Learning 2" key, and then release the "Features" key. At this time, the machine will play the accompaniment music of the song you selected, and the user must press the corresponding key according to the notes indicated by the light guide of the key to continue playing the next note. If not press the keys light lamp or without any background operation has been repeated this section, to play a normal only after playing the next note, in the process of learning through "+" or "-" button to select demonstration songs, choose demonstration song: hold the function of "Features" key then press the "+" or "-" key to select required to demonstrate, To cancel the learning function of "Learn 2", hold down the "Features" key and then press the "Learn 2" key, and then release the "Features" key to exit this function, or directly press the "Start/Stop tart up Stop" key to exit this function.

6. Learning Function 3 (Ensemble mode) :

Press the "Features" key and then press the "Learning 3" key to enter the ensemble teaching mode. The machine will play the accompaniment music of the song, and learners can play the main melody by themselves according to the accompaniment music played by the machine. If you do not play for 3 seconds, the main melody will be played automatically, and the key light will be lit to remind the learner. In the learning process, the "+" or "-" key can be used to select the demonstration song. Select the demonstration song: hold down the "Features" key and then press the "+" or "-" key to select the required demonstration song, and cancel the learning function of "learning 3". Press and hold down the "Features" key, then "Learn 3" key, and release the "Features" key to exit this function, or directly press the "Start/Stop tart up Stop" key to exit this function.

7. Keyboard light on/off:

Keyboard light/open or closed the keyboard light lamp is the key to open the key, switch on the keyboard light light is "on" by default. Press the Features key and then Keyboard Light to turn off the keyboard light. If you repeat this operation more than once, the keyboard light can be turned on. The song names and order are shown in Appendix III.

(IV) The use of recording and playback programming and playback:

1. Use of recording and playback functions:

First hold down the "Features" key, then press the "record" key, and then release the "Features" key, then you can record the notes you played. After the song is recorded, hold down the "Features" key, and then press the "Play" key. Then release the "Features" key, and the song just played will be played from beginning to end. After playing, hold down the "Features" key and press the "Play" key again to play the song just recorded. To cancel the "Recording" function, hold down the "Features" key and press the "Recording" key once to exit the recording function. To cancel the "Play" function, simply press the "Start/Stop" key once to exit the "Play" function.

Note: The recording can record up to "695" notes, after the record will not record the following notes.

2. Use of programming and playback:

First hold down the "Features" key, then press the "programming" key, and then release the "Features" key, the piano will automatically switch to the percussion mode keyboard, then you can play the corresponding percussion instruments on the keyboard, the piano can record the percussion music you play on the keyboard one by one (up to 128 drum beats can be recorded). After recording, hold down the "Features" key and then press the "Play" key. At this time, the piano will play the percussion sound you just edited. You can adjust the accompaniment Speed by pressing Speed+ Speed+ or Speed-speed -. To disable the programming function, hold down the Features button and press the Programming button or press the Start up Stop button once.

(V) Rhythm, integrated chord function:

1. Start of rhythm:

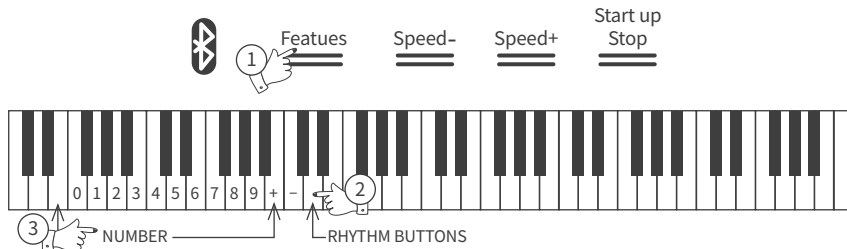
Press the "Start/Stop key tart up Stop" button once to start the rhythmic accompaniment immediately. To disable the rhythm, press the Start/Stop tart up Stop button again.

2. Prelude/Finale:

Press the key of "Prelude/Ending" in the rhythm playing, then the rhythm will stop playing after a short piece of the finale; If you press the "Prelude/Ending" key without playing rhythm, the current rhythm will start to play after a short prelude.

3. Choice of rhythm:

This machine has 200 kinds of rhythm, numbered from "000" to "199" for you to choose, hold down the "Features" key, then press the "rhythm" key, you can select the rhythm you want on the number key. For example, if the rhythm code is 108, hold down the Features key, press Rhythm → press 1 → press 0 → press 8, and release the Features key. Press the "+" and "-" buttons to select the rhythm. Hold down the "Features" key and then press the "+" key to increase the rhythm number in sequence. Press the "-" button to decrease the rhythm number in sequence until you select the rhythm. (as shown below)



4. Selection of synchronous and integrated chord accompaniment mode:

4.1. The rhythm and the main note are played synchronically. Press the "Synch" key first, and then press the chord keyboard area (1 ~ 19 keys from the left). At this time, the rhythm will be played synchronically with the notes.

4.2. Use of Composite chord:

Press "synchronous Synch" button, then press "comprehensive Chord Chord", again in accordance with the single refers to the Chord fingering or refers to the Chord fingering playing, press the keyboard area (from left the keys of 1 ~ 19), the single refers to the Chord or refers to Chord with rhythm. Note: To cancel "Composite Chord", press the "Composite Chord" key once. If you want to close "chord tone" with "rhythm", press the "Start up Stop" key once to stop chord and rhythm playing.

5. Use of insert function:

Press the "Insert" key during the use of rhythm, this opportunity will automatically play a strong intermezzo, then continue the rhythm accompaniment.

6. Adjust the pace of your rhythm:

The Speed of the rhythm is set to 120 beats/min. Press the accompaniment Speed "Speed+ Speed+" or "speed-speed -" to speed up or slow down the rhythm. There are 270 sections of speed control, and the speed range is 30 ~ 300. Normal power-on mode, the preset speed is 120; When the selected song is played, the speed of the song will be the main factor, which has nothing to do with the preset speed. When playing the selected rhythm, the set rhythm speed will be the main. Press Speed+ Speed+ or speed -Speed- for more than 2 seconds to continuously increase or decrease the speed. You can adjust the Speed of a song by pressing Speed+ Speed+ or speed-speed - when playing the song.

7. Accompaniment volume:

Press and hold down the "Features" key first, then press the accompaniment volume key "Accompaniment +" to increase the electronic organ accompaniment volume, the maximum can be adjusted to "10"; Press accompaniment volume control button "Accompaniment -" to reduce the accompaniment volume, the minimum value can be set to "1".

(VI) Use of storage memory setting function:

1. Setting of working state "storage" memory:

Select the timbre or rhythm, chord and speed you need before playing according to the needs of the performer. First hold down the "Features" key and then press the "storage" key and "memory" key at the same time. At this time, the current timbre, rhythm and speed are recorded in the "memory" key, after the state has been memorized, First hold down the "Features" key and then press the "memory" key to read the tone or rhythm you set to play.

Note: There are two sets of "Save memory" keys for users to memorize two sets of different Settings. In addition, the memorized data will be cleared after shutdown.

IV: APP connection

(I) APP installation

The download link: <https://www.doutan.com.cn/>.



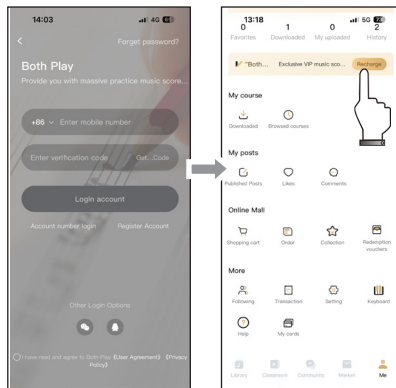
Doutan



Scan here for
the Doutan App

Note:

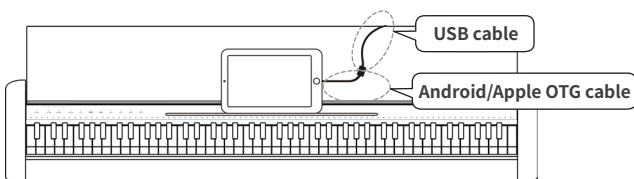
- (1) After installation, please follow the steps to finish the registration.
- (2) 【Doutan】VIP membership needs to be purchased separately.



(II) APP connection:

1. Wired Connection

Connect with phone or tablet computer via a USB cable and OTG cable.

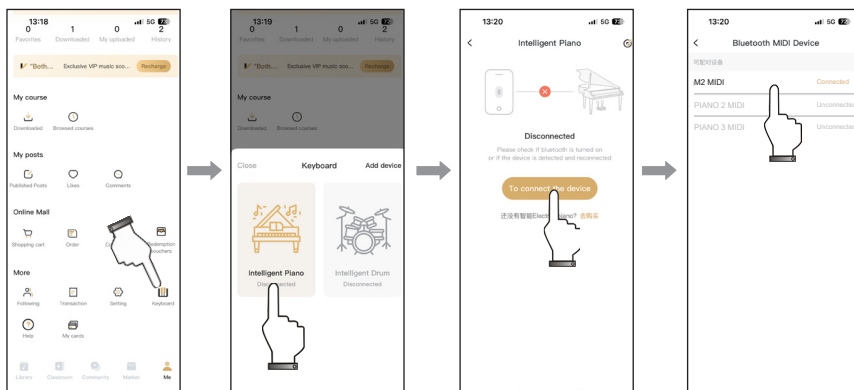


USB Jack

2. Bluetooth connection

Turn on the Bluetooth function from your device. The piano Bluetooth function will be on automatically when the piano is on.

- (1) In the main interface, select [Me], then click the [Keyboard], click the [Intelligent Piano], click the [To connect the device];
- (2) Select the corresponding device in the Bluetooth MIDI device for Bluetooth connection, device name [M2 MIDI];
- (3) After the connection display [Connected], the APP automatically enters the keypad interface, and the functions of the piano can be controlled by operating the keypad interface.



(III)Further function:

The below functions require software support. Here we use 【Doutan】 APP as an example to illustrate the details.

1.Double color LED intelligent light

Connect the APP and play a music, the LED light will be on. Practice the music by following the LED light. Red light for left hand, blue light for right hand.

2.Intelligent accompanied playing

You can set accompanied playing mode. For example, when you set right hand accompanied playing, the piano will play the right hand part of the music, you only need to play the left hand part.

3.Intelligent following practice

Follow the LED light to practice the music.

Appendix I (600 kinds) Voice List

000	Acoustic Grand Piano
001	Bright Acoustic Piano
002	Electric Grand Piano
003	Honky-tonk Piano
004	Rhodes Piano
005	Chorused Piano
006	Harpsichord
007	Clavichord
008	Celesta
009	Glockenspiel
010	Music box
011	Vibraphone
012	Marimba
013	Xylophone
014	Tubular Bell
015	Dulcimer
016	Drawbar Organ
017	Percussive Organ
018	Rock Organ
019	Church Organ
020	Reed Organ
021	Accordion
022	Harmonica
023	Tango Accordion
024	Acoustic Guitar (nylon)
025	Acoustic Guitar (steel)
026	Electric Guitar (jazz)
027	Electric Guitar (clean)
028	Electric Guitar (muted)
029	Overdriven Guitar
030	Distortion Guitar
031	Guitar Harmonics
032	Acoustic Bass
033	Electric Bass(finger)
034	Electric Bass (pick)
035	Fretless Bass
036	Slap Bass 1
037	Slap Bass 2
038	Synth Bass 1
039	Synth Bass 2
040	Violin
041	Viola

042	Cello
043	Contrabass
044	Tremolo Strings
045	Pizzicato Strings
046	Orchestral Harp
047	Timpani
048	String Ensemble 1
049	String Ensemble 2
050	Synth Strings 1
051	Synth Strings 2
052	Choir Aahs
053	Voice Oohs
054	Synth Voice
055	Orchestra Hit
056	Trumpet
057	Trombone
058	Tuba
059	Muted Trumpet
060	French Horn
061	Brass Section
062	Synth Brass 1
063	Synth Brass 2
064	Soprano Sax
065	Alto Sax
066	Tenor Sax
067	Baritone Sax
068	Oboe
069	English Horn
070	Bassoon
071	Clarinet
072	Piccolo
073	Flute
074	Recorder
075	Pan Flute
076	Bottle Blow
077	Shakuhachi
078	Whistle
079	Ocarina
080	Lead 1 (square)
081	Lead 2 (sawtooth)
082	Lead 3 (calliope lead)
083	Lead 4 (chiff lead)

084	Lead 5 (charang)
085	Lead 6 (voice)
086	Lead 7 (fifths)
087	Lead 8 (bass+lead)
088	Pad 1 (new age)
089	Pad 2 (warm)
090	Pad 3 (polysynth)
091	Pad 4 (choir)
092	Pad 5 (bowed)
093	Pad 6 (metallic)
094	Pad 7 (halo)
095	Pad 8 (sweep)
096	FX 1 (rain)
097	FX 2 (soundtrack)
098	FX 3 (crystal)
099	FX 4 (atmosphere)
100	FX 5 (brightness)
101	FX 6 (goblins)
102	FX 7 (echoes)
103	FX 8 (sci-fi)
104	Sitar
105	Banjo
106	Shamisen
107	Koto
108	Kalimba
109	Bagpipe
110	Fiddle
111	Shanai
112	Tinkle Bell
113	Agogo
114	Steel Drums
115	Woodblock
116	Taiko Drum
117	Melodic Tom
118	Synth Drum
119	Reverse Cymbal
120	Guitar Fret Noise
121	Breath Noise
122	Seashore
123	Bird Tweet
124	Telephone Ring
125	Helicopter

126	Applause
127	Gunshot
128	Yong Gin
129	Zheng
130	Zhong Ruan
131	Pi Pa
132	Big Souna
133	Souna
134	Er Hu
135	Yue Hu
136	Di Zi
137	Bong Di
138	Koto 1
139	Qu Di
140	Xylophone 2
141	Dulcimer 3
142	Guitar Pinch 2
143	Slow Violin
144	Bright String
145	Jungle Bass 2
146	Indian Flute
147	Clavi 2
148	Celesta 2
149	Church Bells
150	Kalimba 2
151	Steel Bell 1
152	Tenor Sax 2
153	Electric Guitar (Clean) 2
154	Shanai 2
155	Marimba 3
156	Dulcimer 2
157	Reed Organ 3
158	Koto 2
159	Crystal
160	Bag Pipe 2
161	Barafon
162	Organ Flute
163	Kalimba 3
164	Reed Horn
165	English Horn 1
166	Electric Guitar (Clean) 3
167	Shamisen 2

168	Koto 3
169	Hard Vibe 2
170	Twin Bones
171	Synth Harpsi. 2
172	Attack Clav. 2
173	Chorus Guitar.
174	Steel Bell 2
175	Tsugaru
176	Oct Harp
177	Synth Harpsi. 1
178	Attack Clav. 1
179	Soft Santur
180	Dual Horns 1
181	Bodhran
182	Tubular Bells 2
183	Suona 1
184	Castanets
185	Attack Harp 1
186	Electric Vraphone
187	Soft Sax 1
188	Soft Clav.
189	Soft Accord
190	Wind Organ
191	Viola Attack
192	Bari & Tenor
193	Soft Guitar 1
194	Grow Guitar
195	Didgeridoo 1
196	Attack Barafon
197	Mute Barafon 1
198	Nay
199	Didgeridoo 2
200	Dual Horns 2
201	Hard Barsoon 2
202	Kawala 2
203	Soft Guitar 2
204	Mute Barafon 2
205	Hard Barsoon 1
206	Tron Flute
207	Kawala 1
208	Jazz Organ
209	Synth Harpsi. 3
210	Tenor Sax 3
211	Steel Bell 3

212	Kalimba 4
213	Shamisen 3
214	English Horn 2
215	Shanai 3
216	Soft Sax 2
217	Attack Harp 2
218	Castanets 2
219	Suona 2
220	Xylophone 3
221	Koto 4
222	Attack Clav. 4
223	Synth Harpsi. 4
224	Twin Bones 2
225	Hard Vibe 3
226	Reed Horn 2
227	Organ Flute 2
228	Steel Bell 4
229	Chorus Guitar. 2
230	Dual Horns 3
231	Soft Santur 2
232	Barafon 3
233	Bag Pipe 3
234	Crystal 3
235	Attack Clav. 3
236	Electric Vraphone 2
237	Attack Harp 3
238	Attack Barafon 2
239	Didgeridoo 3
240	Grow Guitar 2
241	Soft Guitar 3
242	Soft Clav. 2
243	Soft Sax 3
244	Tubular Bells 3
245	Bodhran 2
246	Oct Harp 2
247	Tsugaru 2
248	Bari & Tenor 2
249	Wind Organ 2
250	Soft Accord 2
251	Attack Harp 4
252	Viola Attack 2
253	Kawala 3
254	Soft Sax 4
255	Jazz Organ 2

256	Nay 2
257	Mute Barafon 3
258	Dulcimer 5
259	Xylophone 4
260	Tron Flute 2
261	Hard Barsoon 3
262	Mute Barafon 4
263	Soft Guitar 4
264	Kawala 4
265	Hard Barsoon 4
266	Dual Horns 4
267	Didgeridoo 4
268	Steel Bell 5
269	Kalimba 5
270	Church Bells 2
271	Celesta 3
272	Clavi 3
273	Indian Flute 2
274	Jungle Bass 3
275	Bright String 2
276	Slow Violin 2
277	Guitar Pinch 3
278	Bag Pipe 4
279	Crystal 2
280	Koto 5
281	Reed Organ 4
282	Dulcimer 4
283	Marimba 4
284	Shanai 4
285	Electric Guitar (Clean) 4
286	Tenor Sax 4
287	Twin Bones 3
288	Hard Vibe 4
289	Koto 6
290	Shamisen 4
291	Electric Guitar (Clean) 5
292	English Horn 3
293	Reed Horn 3
294	Kalimba 6
295	Organ Flute 3
296	Barafon 2
297	Dual Horns 5

298	Soft Santur 3
299	Attack Clav. 5
300	Synth Harpsi. 5
301	Oct Harp 3
302	Tsugaru 3
303	Steel Bell 6
304	Chorus Guitar. 3
305	Attack Clav. 6
306	Synth Harpsi. 6
307	Wind Organ 3
308	Soft Accord 3
309	Soft Clav. 3
310	Soft Sax 5
311	Electric Vraphone 3
312	Attack Harp 5
313	Castanets 3
314	Suona 3
315	Tubular Bells 4
316	Bodhran 3
317	Dual Horns 6
318	Didgeridoo 6
319	Nay 3
320	Mute Barafon 5
321	Attack Barafon 3
322	Didgeridoo 5
323	Grow Guitar 3
324	Soft Guitar 5
325	Bari & Tenor 3
326	Viola Attack 3
327	Synth Harpsi. 7
328	Jazz Organ 3
329	Kawala 5
330	Tron Flute 3
331	Hard Barsoon 5
332	Mute Barafon 6
333	Soft Guitar 6
334	Kawala 6
335	Hard Barsoon 6
336	Suona 4
337	Castanets 4
338	Attack Harp 6
339	Soft Sax 6
340	Shanai 5
341	English Horn 4

342	Shamisen 5
343	Kalimba 7
344	Steel Bell 7
345	Tenor Sax 5
346	Chorus Guitar. 4
347	Steel Bell 8
348	Organ Flute 4
349	Reed Horn 4
350	Hard Vibe 5
351	Twin Bones 4
352	Synth Harpsi. 8
353	Attack Clav. 8
354	Koto 7
355	Xylophone 5
356	Didgeridoo 7
357	Attack Barafon 4
358	Attack Harp 7
359	Electric Vraphone 4
360	Attack Clav. 7
361	Crystal 4
362	Bag Pipe 5
363	Barafon 4
364	Soft Santur 4
365	Dual Horns 7
366	Wind Organ 4
367	Bari & Tenor 4
368	Tsugaru 4
369	Oct Harp 4
370	Bodhran 4
371	Tubular Bells 5
372	Soft Sax 7
373	Soft Clav. 4
374	Soft Guitar 7
375	Grow Guitar 4
376	Hard Barsoon 7
377	Tron Flute 4
378	Mute Barafon 7
379	Nay 4
380	Jazz Organ 4
381	Soft Sax 8
382	Kawala 7
383	Viola Attack 4
384	Attack Harp 8
385	Soft Accord 4

386	Guitar Pinch 4
387	Indian Flute 3
388	Bright String 3
389	Church Bells 3
390	Didgeridoo 8
391	Dual Horns 8
392	Hard Barsoon 8
393	Kawala 8
394	Soft Guitar 8
395	Mute Barafon 8
396	Electric Guitar (Clean) 6
397	Shanai 6
398	Marimba 5
399	Koto 8
400	Xylophone 6
401	Tenor Sax 6
402	Organ Flute 5
403	Kalimba 9
404	English Horn 5
405	Electric Guitar (Clean) 7
406	Shamisen 6
407	Koto 9
408	Kalimba 8
409	Barafon 5
410	Chorus Guitar. 6
411	Tsugaru 5
412	Synth Harpsi. 9
413	Crystal 5
414	Bag Pipe 6
415	Synth Harpsi. 10
416	Soft Sax 9
417	Soft Clav. 5
418	Bodhran 5
419	Bari & Tenor 5
420	Soft Guitar 9
421	Didgeridoo 9
422	Mute Barafon 9
423	Nay 5
424	Soft Santur 5
425	Kawala 10
426	Soft Guitar 10
427	Mute Barafon 10

428	Tron Flute 5
429	Kawala 9
430	Soft Accord 5
431	Wind Organ 5
432	Kalimba 10
433	Shamisen 7
434	English Horn 6
435	Shanai 7
436	Soft Sax 10
437	Didgeridoo 10
438	Tenor Sax 7
439	Koto 10
440	Organ Flute 6
441	Xylophone 7
442	Soft Santur 6
443	Bag Pipe 7
444	Crystal 6
445	Soft Clav. 6
446	Bodhran 6
447	Tsugaru 6
448	Chorus Guitar. 7
449	Nay 6
450	Soft Accord 6
451	Tron Flute 6
452	Bari & Tenor 6
453	Wind Organ 6
454	Grow Guitar 1
455	Attack Barafon 1
456	Dual Horns 9
457	Hard Barsoon 10
458	Hard Barsoon 9
459	Tron Flute 1
460	Jazz Organ 1
461	Tenor Sax 8
462	Steel Bell 9
463	Shamisen 8
464	English Horn 7
465	Shanai 8
466	Attack Harp 9
467	Castanets 5
468	Suona 5
469	Xylophone 8
470	Attack Clav. 10
471	Twin Bones 5

472	Hard Vibe 6
473	Reed Horn 5
474	Organ Flute 7
475	Steel Bell 10
476	Chorus Guitar. 8
477	Dual Horns 10
478	Soft Santur 7
479	Barafon 7
480	Bag Pipe 8
481	Crystal 8
482	Attack Clav. 9
483	Electric Vraphone 5
484	Attack Harp 10
485	Attack Barafon 5
486	Grow Guitar 5
487	Soft Clav. 7
488	Tubular Bells 6
489	Bodhran 7
490	Oct Harp 5
491	Tsugaru 7
492	Bari & Tenor 7
493	Wind Organ 7
494	Soft Accord 7
495	Viola Attack 5
496	Jazz Organ 5
497	Nay 7
498	Dulcimer 7
499	Xylophone 9
500	Tron Flute 7
501	Church Bells 4
502	Celesta 4
503	Clavi 4
504	Indian Flute 4
505	Jungle Bass 4
506	Bright String 4
507	Slow Violin 3
508	Guitar Pinch 5
509	Bag Pipe 9
510	Crystal 7
511	Reed Organ 5
512	Dulcimer 6
513	Marimba 6
514	Shanai 9
515	Electric Guitar (Clean) 8

516	Tenor Sax 9
517	Twin Bones 6
518	Hard Vibe 7
519	Shamisen 9
520	Electric Guitar (Clean) 9
521	English Horn 8
522	Reed Horn 6
523	Organ Flute 8
524	Barafon 6
525	Soft Santur 8
526	Oct Harp 6
527	Tsugaru 8
528	Chorus Guitar. 9
529	Wind Organ 8
530	Soft Accord 8
531	Soft Clav. 8
532	Electric Vraphone 6
533	Castanets 6
534	Suona 6
535	Tubular Bells 7
536	Bodhran 8
537	Nay 8
538	Attack Barafon 6
539	Grow Guitar 6
540	Bari & Tenor 8
541	Viola Attack 6
542	Jazz Organ 6
543	Tron Flute 8

544	Suona 7
545	Castanets 7
546	Shanai 10
547	English Horn 9
548	Shamisen 10
549	Tenor Sax 10
550	Chorus Guitar. 10
551	Organ Flute 9
552	Reed Horn 7
553	Hard Vibe 8
554	Twin Bones 7
555	Xylophone 10
556	Attack Barafon 7
557	Electric Vraphone 7
558	Crystal 9
559	Bag Pipe 10
560	Barafon 8
561	Soft Santur 9
562	Wind Organ 9
563	Bari & Tenor 9
564	Tsugaru 9
565	Oct Harp 7
566	Tubular Bells 8
567	Soft Clav. 9
568	Grow Guitar 7
569	Tron Flute 9
570	Nay 9
571	Jazz Organ 7
572	Viola Attack 7

573	Soft Accord 9
574	Guitar Pinch 6
575	Indian Flute 5
576	Bright String 5
577	Church Bells 5
578	Electric Guitar (Clean) 10
579	Shanai 11
580	Marimba 7
581	Organ Flute 10
582	English Horn 10
583	Barafon 9
584	Tsugaru 10
585	Crystal 10
586	Bag Pipe 11
587	Soft Clav. 10
588	Bari & Tenor 10
589	Nay 10
590	Soft Santur 10
591	Tron Flute 10
592	Soft Accord 10
593	Wind Organ 10
594	English Horn 11
595	Shanai 12
596	Organ Flute 11
597	Bag Pipe 12
598	Tsugaru 11
599	Bari & Tenor 11

Appendix II (200 kinds) Rhythmic List

000	Club Pop
001	16 Beat Pop
002	8 Beat Pop
003	8 Beat Soul
004	8 Beat Rock
005	Rap Pop
006	Pop Rock
007	60's Soul
008	70's Soul
009	Funk
010	16 Beat Shuffle
011	Twist
012	British Pop
013	Hard Rock
014	Fusion
015	FunkShuffl
016	FusionShuffl
017	Classic 8Beat
018	Vintage Gtr Pop
019	Schlager Italia
020	50's Pop
021	Cool Pop
022	Groovy Pop
023	60's Vintage Pop
024	80's Pop
025	Rock'n Roll 1
026	Rock'n Roll 2
027	Straight Rock
028	Jazz Rock
029	FastGospel
030	FolkRock
031	RockBilly
032	RockBoogie
033	RockChaCha
034	RockClassical
035	RockShuffle
036	RockPop
037	Skiffle
038	Funk Pop Rock
039	Contemp Rock
040	Acoustic Rock
041	60's RockN

042	Standard Rock
043	Brit Rock Pop
044	60's Vintage Rock
045	Chart Rock Shfl
046	60's Pop Rock
047	Waltz
048	Cha Cha
049	Rumba
050	Jive
051	Pasodoble
052	Samba 1
053	Samba 2
054	Schlager Rock 1
055	Schlager Rock 2
056	FoxTrot
057	Viennese Waltz
058	Tango1
059	Tango2
060	German Waltz
061	Carnival
062	Organ Samba
063	Reel
064	Gay Gordons
065	Scand Waltz
066	Salsa
067	Calypso
068	GuadDance
069	Reggae12Beat
070	Reggae16Beat
071	Bossanova
072	Mambo 1
073	Mambo 2
074	Bolero
075	Cumbia
076	Latin Rock
077	Disco Latin
078	Tijuana
079	Reggae
080	Pop Mambo
080	Lead 1 (square)
081	Lead 2 (sawtooth)
082	Jazz Samba

083	Parranda
084	Samba Rio
085	Slow Rock 1
086	Slow Rock 2
087	Slow Rock 3
088	Slow Soul
089	8 Beat Adria
090	Classic Piano
091	Unplugged
092	Pop Ballad
093	Pop New Age
094	8 Beat Modern
095	Country Ballad
096	Love Song
097	Modern Country Pop
098	Electro Pop
099	Acoustic Ballad
100	Piano Ballad
101	R&B Ballad
102	Rock Ballad
103	Slow & Easy
104	Analog Ballad
105	E_Ballad
106	80's EP Ballad
107	80's Boy Band
108	70's Chart Ballad
109	Romantic Ballad
110	90's Cool Ballad
111	Alp Ballad1
112	Alp Ballad2
113	Techno 1
114	Techno 2
115	Funky Disco
116	Saturday Night
117	Club Latin
118	Disco Chocolate
119	Disco Fox
120	Disco Funk
121	Disco Hands
122	Disco Party
123	Disco Samba
124	UK Pop

125	Club Dance
126	Modern R&B
127	Hip Shuffle
128	Charleston
129	DiscoPop
130	DiscoSoul
131	DiscoTrot
132	EuroBeat
133	Rap
134	Rave
135	70's Disco Funk
136	Disco Philly
137	Disco House
138	80's Disco
139	70's Disco1
140	70's Disco2
141	Country 1
142	Country 2
143	Country 3
144	Country 4
145	Finger Pickin
146	Country Brothers
147	New Country
148	Easy Country
149	70's Chart Cntry

150	Hoedown
151	Country Shuffle
152	Brisk Country
153	Country Two Step
154	Big Band Shuffle 3
155	Fast Band 1
156	Fast Band 2
157	Cat Groove
158	Dixie Jazz
159	Medium Jazz
160	Jazz Big Band
161	Jazz Club
162	Ragtime
163	Frankly Soul
164	Jazz Funk
165	Classic Big Band
166	French Jazz
167	Jump Jive
168	Swing Fox
169	Slow Fox
170	Organ Cha Cha
171	Organ Quick Step
172	Ober Polka
173	Polka Pop
174	Blue Grass 1

175	Blue Grass 2
176	Blue Grass 3
177	Pop Waltz
178	USA March
179	Hully Gully
180	Tarantella
181	Limbo Rock
182	Swing Waltz
183	Pub Piano
184	Jazz Waltz 1
185	Jazz Waltz 2
186	Show Tune
187	Polka
188	Party Polka
189	Schlager Polka
190	China1
191	China2
192	China3
193	China4
194	China5
195	China6
196	China7
197	China8
198	China9
199	China10

Appendix III (100 kinds) Demo List

000	Jockey Club
001	Yang On A Horse To Transport Grain
002	Stepping Higher And Higher
003	The Beautiful TaiHu Lake
004	Osmanthus everywhere open in August
005	The Moon Over a Fountain
006	Tathagata
007	Meeting at The Yurt
008	Yang Ming Mountain's Dawn
009	Jasmine
010	Jaunty
011	Good Day
012	Childhood
013	Tune of purple bamboo
014	Auspicious TREBLE
015	Trials of a long journey always intelligence
016	From Afar
017	Prairie Song
018	Go Back Home Often
019	On affordable
020	You set off to the chapeau
021	The Qinghai-Tibet Plateau
022	Same Song
023	Hill Road Bending 18
024	Blessed Wine Song
025	Happy hometown
026	Place peach bloom
027	New Century
028	Gave me a Red Rose
029	Kangding Love Song
030	Heart of Steel
031	Beijing Tune

032	A Spray of Plum Blossoms
033	Moonlight in the West Building
034	Goodbye Ta-pieh Mountains
035	Happy Chinese New Year
036	Dreams Of Riverboat
037	The Penghu bending Grandmother
038	Heart-Throb
039	Good Life Of Peace
040	Impulse punishment
041	The Cowherd's Flute
042	Spring Festival Overture
043	One can hope that long
044	The bending moon
045	Sweet Honey
046	The Butterfly Lovers
047	Platforms
048	Welcome march
049	You are not alone
050	Efforts will win
051	Dance Song
052	Xinjiang Dance
053	The sunset Drunk
054	Prairie paeon
055	When will you come again
056	The Snail and the Oriole Birds
057	March warships
058	Mighty division
059	Liuyang River
060	A good harvest
061	Grasshopper's Club Broken Heart
062	The Rain of Soul
063	Red sun

064	Cloud River
065	Don't Pick The Roadside Wildflowers
066	Happy worship
067	Nalu Bay love songs
068	Wishing You Peace
069	Colourful Clouds Chasing The Moon
070	Flying Song for Mother Earth
071	Tianzhu Girl
072	Kiss Goodbye
073	The Mouse Loves The Rice
074	Fur Elise
075	American Patrol
076	March
077	Turkish March
078	Green Sleeves
079	Blue Danube
080	CarmenToreador Song
081	Hungarian Dance
082	Mozart Piano Sonata
083	Mozart #40
084	Arabesque No.1
085	A Maiden's Prayer
086	Twinkle Twinkle Little Star
087	Nocturne op.9 no.2
088	Minuet In G
089	Spring
090	Carmen
091	Old Clock
092	Sakura
093	Auld Lang Syne
094	She Wore A Yellow Ribbon
095	Farewell
096	If You're Happy
097	Red River Valley
098	Little Brown Jug
099	Skip To My Lou

Appendix IV: 61 groups of keyboard percussion comparison table

C2# 	D2# 		F2# 	G2# 	A2# 		C3# 	D3# 		F3# 	G3# 	A3# 	
C2 	D2 	E2 	F2 	G2 	A2 	B2 	C3 	D3 	E3 	F3 	G3 	A3 	B3
C4# 	D4# 		F4# 	G4# 	A4# 		C5# 	D5# 		F5# 	G5# 	A5# 	
C4 	D4 	E4 	F4 	G4 	A4 	B4 	C5 	D5 	E5 	F5 	G5 	A5 	B5
C6# 	D6# 		F6# 	G6# 	A6# 								
C6 	D6 	E6 	F6 	G6 	A6 	B6 	C7 						

Appendix V: single finger chord chart

	M	m	7	m7
C				
C#				
D				
D#				
E				
F				
F#				
G				
G#				
A				
A#				
B				

Appendix VI: multi-fingered chord chart (1)

	M	m	7	m7	dim7	M7	m7-5	dim
C								
C#								
D								
D#								
E								
F								
F#								
G								
G#								
A								
A#								
B								

Appendix VII: multi-fingered chord chart (2)

	aug	sus4	7sus4	m add9	mM7	7 -5	add9
C							
C#							
D							
D#							
E							
F							
F#							
G							
G#							
A							
A#							
B							

Maintenance precautions

It is very important to do the maintenance of the piano well and reduce the fault.

- ◆ do not open the shell of the piano and try to decompose the components, and do not make any changes to the interior. If the function is abnormal in use, please stop using the instrument and send it to qualified maintenance personnel for maintenance.
- ◆ please use the specified voltage and adapter, using the wrong voltage and adapter will damage the electronic organ.
- ◆ before connecting the instrument to other devices, all the power should be turned off and the volume should be turned down to the lowest level.
- ◆ do not put the power adapter near a heat source (such as a heater or radiator). Do not bend the adapter wire too much. Do not place heavy objects or wind other objects on the adapter wire to avoid damaging the adapter wire. Do not use the plug of the instrument in the multi-purpose socket and near the flammable and explosive places, so as not to cause danger. When need not be in long time or thunder, want to close power supply and adapter unplug, when unplug adapter power supply plug, want to hold adapter to pull out, do not pull wire directly. The adapter used in this product cannot be used for other products to avoid danger.
- ◆ do not put the instrument in an environment with dust, vibration, low temperature or high temperature (such as in direct sunlight, next to the heater or in the car under the sun) to avoid damage to the appearance and internal components.
- ◆ do not put the instrument in an unstable place, lest it is damaged by falling. Do not sit or place heavy objects on the harp.
- ◆ avoid the electric piano from rain or damp. Do not place liquid containers on the instrument to prevent liquid from flowing into the instrument and damaging the internal components.
- ◆ please remove the adapter before cleaning the instrument body. Do not use wet hands to insert or remove the adapter. Wipe it.
- ◆ do not use paint coating, organic solvent or chemical impregnation cloth to wipe the piano body, do not put vinyl products on the piano body, so as not to make the panel or keyboard fade, check the adapter regularly and remove the dirt on its surface.
- ◆ Wet weather needs to do a good job of moisture-proof work, because excessive humidity will make the internal circuit bad phenomenon. Therefore, the instrument should always be electrified in wet weather, and dissipate the moisture in the instrument through the heat generated during operation. If the weather is too humid, use a dust proof damp cloth to cover the instrument.
- ◆ it must be used by adults after opening the packaging, please remove the plastic packaging bag and other packaging items properly stored or discarded, do not let children play, prevent suffocation! This product contains small parts, do not put into the mouth to avoid accidental swallowing, this product is not suitable for children aged 3 and under.

 The specifications are subject to change without prior notice.

 This instruction manual and the design of the packing box are for reference only.

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.

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