

AMOY A100

PORTABLE DIGITAL PIANO

INSTRUCTION MANUAL



Dual mode bluetooth



Thin fuselage



88 keys Dynamic keyboayd



Powerful kernel



128 Intruments Sounds



Beautiful timbre



Built-in metronome



Double piano mode



Intelligent teaching APP



Recorded audio



Dual mode power supply



Microphone input



Mute earphone



Two-color LED teaching lamp

SafetyPrecautions

If you like this digital piano, please recommend it to your friends!

Thank you for purchasing our intelligent digital piano! Whether you are a professional or a piano lover, as long as you like music, this piano will be your best choice. Not only is it competent in piano learning, MIDI production, etc., but also it can meet your entertainment needs such as audio listening. Meanwhile, this digital using high-performance keyboard with heavy hammer can bring you perfect sound quality and feeling like professional performance.

For a better understanding of this brand-new digital piano, please read this manual carefully to fully understand its advanced and convenient functions. At the same time, we also suggest that you keep this manual properly for future reference.



Safety precautions

To avoid fire, electric shock and personal injury, please follow the following instructions.

- * Connect the power socket of this equipment to the power socket with grounding protection.
- * This equipment must be connected with the power supply devices indicated in the operating instructions and indicated on the back of the equipment.
- * Do not disassemble or alter any built-in parts of this equipment by yourself.
- * Please use the power lead attached to this equipment. Please do not use the attached power lead for other equipment.

Safety Precautions

- * Do not try to repair or replace the parts of this equipment (unless the installation option is provided in this manual For instructions), please contact our service center or authorized distributor nearby Quotient.
- * Do not twist or bend the power cord excessively, and do not place heavy objects on it. This may damage the power cord and cause component breakage and short circuit. Damaged wires may cause fire and electric shock!
- * Do not place this equipment in the following places:
 1. Places where the temperature is too high (for example, in a closed vehicle under direct sunlight, near a heat transfer pipe or above a heat generating machine)
 2. Wet place (e.g. bathroom, toilet or wet floor)
 3. Where the humidity is heavy
 4. A place directly caught in the rain.
 5. A dusty place
 6. Where there is strong vibration.
- * Excessive volume may cause permanent damage to hearing, whether the product is used alone or connected with an amplifier, speaker or earphone. Do not use it at excessive volume for a long time or at any volume that may cause discomfort. If you feel any hearing loss or tinnitus, please stop using it and seek medical advice quickly.
- * Please ensure that the equipment is placed in a flat place to ensure its stability. Do not place this equipment on a stand that may shake or tilt.
- * Please do not drop any articles (such as inflammables, coins, pins, etc.) or any liquid (water, drinks, etc.) into the equipment or infiltrate into it.

Safety Precautions

- * Every once in a while, you must unplug the AC adapter and wipe and remove the dust accumulated in the plug with a dry cloth. When this equipment is not used for a long time, please also unplug the power plug from the socket. Dust deposited between the power plug and the power socket may cause poor insulation and fire.
- * Please immediately turn off the power supply, unplug the plug and contact our local service center or authorized dealer when:
 1. AC adapter, power cord or plug is damaged
 2. Smoke or odor occurs.
 3. Or foreign matter falls into or seeps into the equipment.
 4. This equipment is directly exposed to rain (or wet)
 5. The equipment is not operating normally or has obvious changes.
- * Please pay attention to the children at home. Adults should supervise children's behavior until they are able to follow the necessary safety instructions to operate this equipment.
- * When inserting or unplugging the plug of the AC adapter into or out of the socket, please hold the plug insulation part of the power cord of the equipment by hand.
- * Please avoid intertwining the power cord and various wires, and keep children away from the power cord and wires. Don't step on the equipment, and don't put heavy objects on the equipment.
- * Avoid strong collisions. (Please don't fall!)
- * Do not share too many electrical appliances with this product in a socket. When using the extension cord, please pay special attention to all the equipment connected to the extension cord, and its total power must not exceed the power that the extension cord can bear.

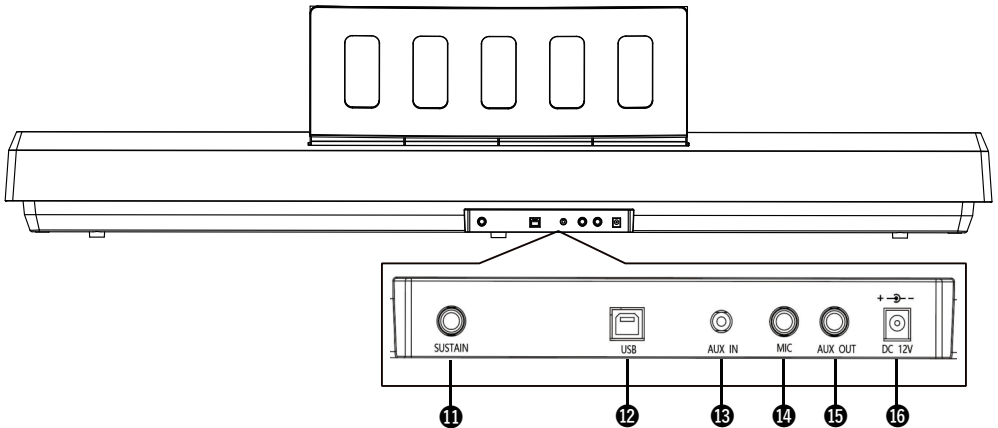
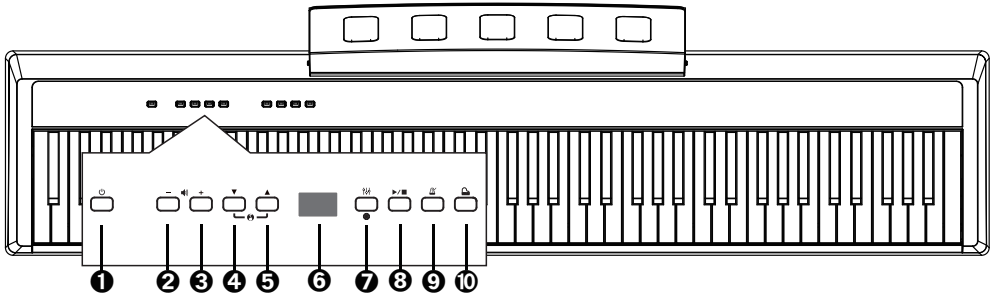
Safety Precautions

The overload of current will cause the wires to heat up and dissolve the insulation material covering the wires.

- * Do not take the power cord of the equipment or plug the AC adapter into or out of the socket when your hands are wet.
- * Before moving, please unplug the AC adapter cable and all external device cables connected to the device.
- * Before cleaning this equipment, please turn off the power and unplug the AC adapter cable from the socket.
- * Do not place containers (such as vases) or drinks containing water on the equipment, and containers containing pesticides, perfume, alcohol, nail polish or spray on the equipment. Please use a soft dry cloth to wipe the liquid splashed on the equipment.
- * If you suspect that lightning strikes may occur in your area, please unplug the power supply.
- * Please place this equipment and AC adapter in a place or direction that does not affect its good ventilation.
- * Please put the screws in a safe place out of children's reach to prevent children from swallowing them by mistake.

Safety precautions	01
Catalogue.....	05
Interface description.....	06
Music shelf insertion/Connecting pedal.....	07
Connect headphones/Power and volume.....	08
Give an instrumental performance.....	09
Practise.....	12
Bluetooth/Teaching.....	13
USB MIDI/Audio connection/Battery power supply...	14
Technological specification.....	15
Timbre list.....	16
List of demonstration songs.....	18
User manual	19

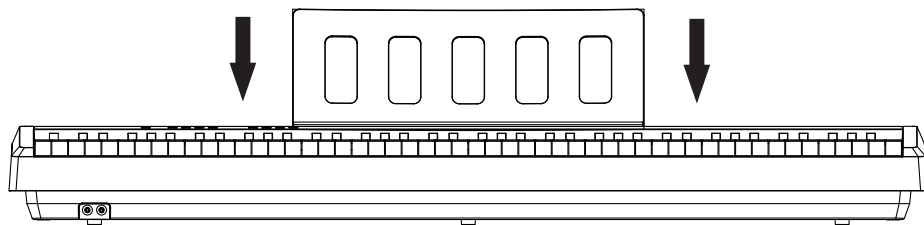
Interface description



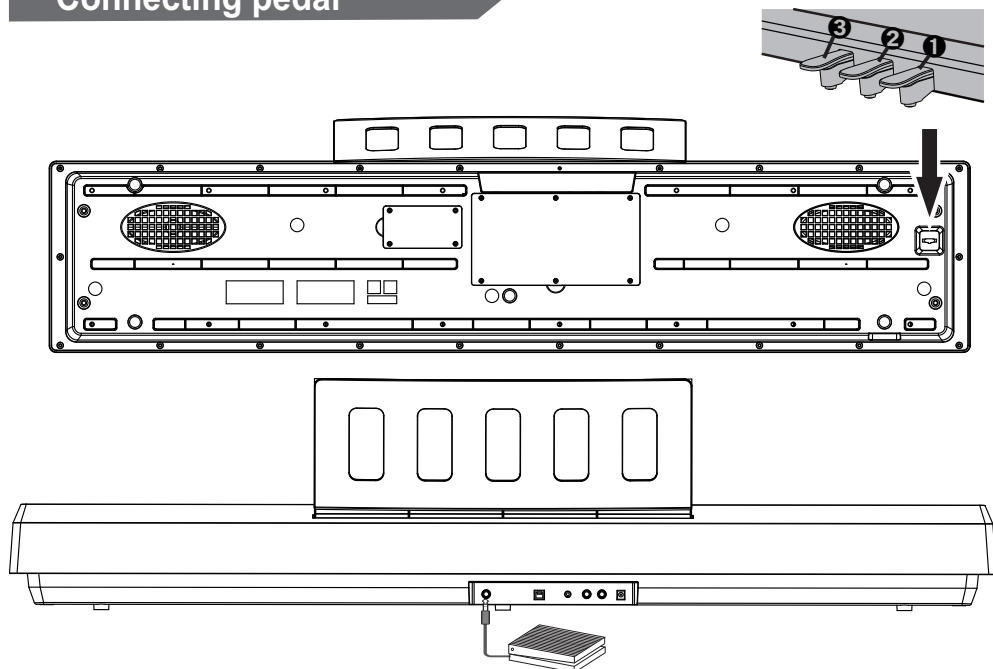
- | | |
|--|--|
| <ul style="list-style-type: none"> ①. Power button ②. Volume minus key ③. Volume plus key ④. Data/speed minus key ⑤. Data/speed plus key ⑥. monitor ⑦. Function/recording key ⑧. Play/stop key | <ul style="list-style-type: none"> ⑨. Metronome key ⑩. Grand piano/timbre key ⑪. Single pedal interface ⑫. Usb interface ⑬. Audio input interface ⑭. Microphone input interface ⑮. Audio output interface ⑯. DC 12V interface (positive inside and negative outside) |
|--|--|

Music shelf insertion/Connecting pedal

Correct insertion method of music stand



Connecting pedal



- When a single pedal interface is used to connect a single pedal, the pedal plays a delaying role by default.
- If you need to connect the standard three-pedal, you need to insert the connecting cable into the three-pedal interface at the bottom of the piano. Using the standard three-pedal can show similar effect to the traditional grand piano pedal.
- The standard wooden frame with three pedals is recommended to use Amoy brand: ①Sustaining pedal; ②Damping pedal; ③Weak pedal.

Sustaining pedal: When you press this pedal, even if your finger

Connect headphones/Power and volume

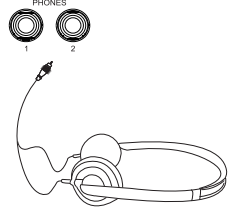
leaves the keyboard, the playing notes will be extended for a while.

Damping pedal: After pressing the pedal, the notes you play will sound continuously.

Weak pedal: This pedal softens the sound.

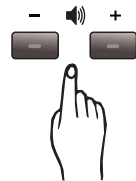
Connect headphones

- 1 When you connect headphones to play, the speakers will no longer sound, so as to achieve the effect of mute practice. Please turn down the volume before connecting headphones.
- 2 Please don't practice with headphones for a long time, so as not to cause hearing damage.
- 3 Please plug and unplug headphones with little effort to avoid equipment damage.



Power and volume

- 1 Please use the original DC12V 2A power adapter, using other kinds of adapters may cause equipment failure. Do not use the original power adapter on other electronic devices. Please turn off the power of the digital piano before plugging and unplugging the power adapter, so as not to cause malfunction.
- 2 Press and hold the **【 ⏻ 】** button for 2 seconds to turn on the computer. During the process of turning on the computer, the ticker on the panel lights up.
- 3 Use the **【 - 🔊 + 】** button to adjust the volume, with an adjustment range of 0-32. Press and hold for quick adjustment. Turn it on again after shutdown. The default volume is the volume set before shutdown.
- 4 When the machine is turned on, press the **【 ⏻ 】** button for 2 seconds to turn it off.



Give an instrumental performance

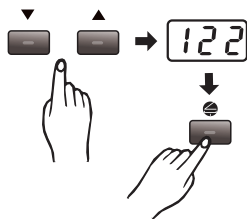


Please do not press or remove the key vigorously to avoid failure. When the pressing force is too light and there is no response, the pressing force can be appropriately increased.

Give an instrumental performance

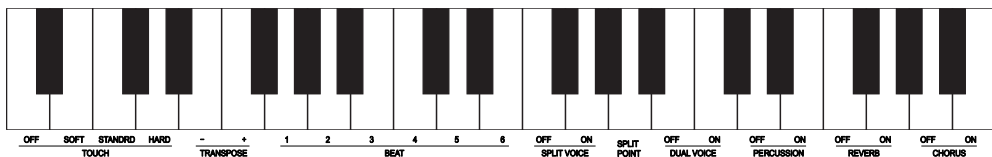
Setting timbre

The default timbre of the piano is grand piano (No.000). Change the timbre by pressing **【▼/▲】**. (See appendix for timbre table). After selecting other timbres, click the **【⊗】** button to quickly return to the timbre of grand piano.



Function setting

The functions are set by the combination of **【↻】** key and key operation. Each function corresponds to a piano key. The specific function distribution is as follows.



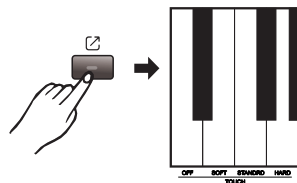
Press the **【↻】** button, the indicator light flashes, and the function selection is activated. Press the corresponding key within 8 seconds to select the corresponding function. Press the **【↻】** button again or there is no operation for more than 8 seconds, indicating that it goes out and exits the function setting state. At this time, the electric piano is in the corresponding function mode.



When entering the function setting state, the keyboard is silent.

Force curve

Piano can be set with four kinds of velocity curves: on/off, light, standard and heavy. Press the **【↻】** button, the indicator

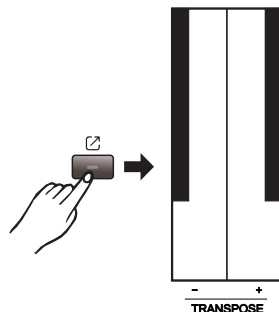


Give an instrumental performance

light flashes, and press the corresponding key within 8 seconds to select different velocity curves or turn off the velocity curves. The default setting for startup is standard velocity.

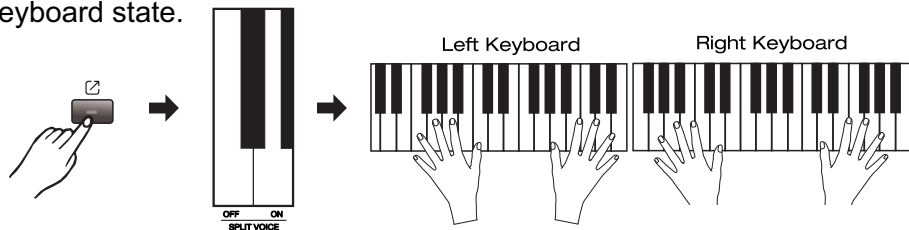
Transposition

Press the **【↺】** button, the indicator light flashes, and press the corresponding key (shift+/-) within 8 seconds to adjust the keyboard pitch. The transposition range of this piano is 25 (0, 12). The note can be moved up or down by 12 semitones in a scale range. Press the **【↺】** button again, or if there is no operation for more than 8 seconds, the indicator light goes out, the transposition selection function is turned off, and the previous transposition settings will be saved.



Double keyboard

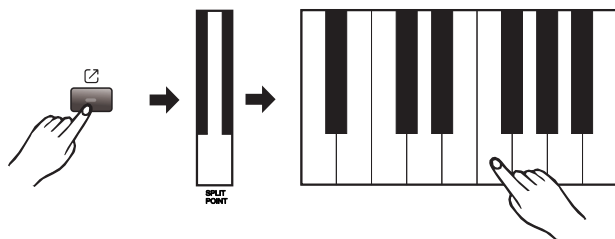
This function can divide the keyboard into left and right independent operation areas. Press the **【↺】** button, the indicator light flashes, and press the corresponding keys within 8 seconds to turn on/off the dual keyboard. The default separation point of is F4 (the 45th key). The timbre of the left keyboard area needs to be set before entering the dual keyboard state (that is, the main timbre is set), and the timbre setting of the right keyboard area can be selected by pressing **【▼/▲】** after entering the dual keyboard state.



Keyboard separation point

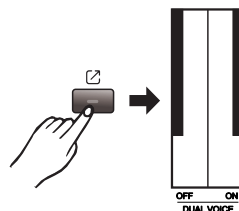
Press the **【↺】** button, the indicator light flashes, and press the corresponding key within 8 seconds to enter the setting state of the keyboard separation point. At this time, press any key of the keyboard, and this key will be used as the keyboard separation point; Press the **【↺】** button again, or if there is no operation for more than 8 seconds, the indicator light goes out, and the separation point setting is saved.

Give an instrumental performance



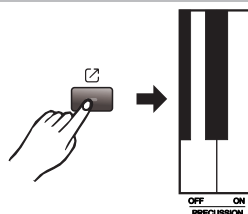
Double timbre

This piano can play two timbres at the same time by pressing one key. Press the **【 ↗ 】** button, the indicator light flashes, and press the corresponding keys within 8 seconds to turn on/off the double timbre. The ending timbre can be selected by **【 ▼ / ▲ 】** button, and the main timbre needs to be set before entering the dual timbre state.



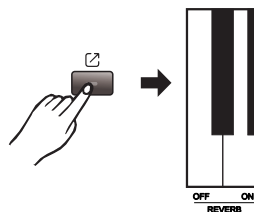
Keyboard percussion

Press the **【 ↗ 】** button, the indicator light flashes, and press the corresponding keys within 8 seconds to turn on/off the keyboard percussion function.



Reverberation

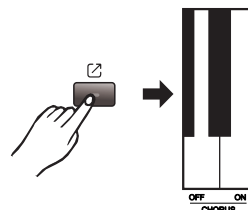
Press the **【 ↗ 】** button, the indicator light flashes, and press the corresponding key within 8 seconds to turn on/off the reverberation function. (off by default)



Chorus



Press the **【 ↗ 】** button, the indicator light flashes, and press the corresponding key within 8 seconds to turn on/off the chorus function (off by default).

Note: The settings of this function will not be saved after shutdown, but will be restored to the default settings after reboot!




Practise

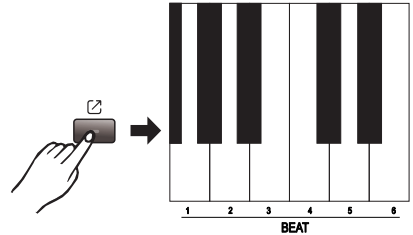
Metronome

Press the **【】** button, and the metronome function starts. At this time, the button indicator lights up and flashes rhythmically. The LED display indicates the current speed, and the default speed is 120 bpm. Press the **【▼/▲】** button to adjust the metronome speed range: 20-280 bpm. Press the **【】** button again to exit the metronome function, and the current speed setting will be saved. Restarting the electric piano will restore the default speed.




Metronome settings

When using the metronome function, you can choose 6 different beat types: 1-6 (numbers indicate the frequency of stress). Press the **【】** key, and press the corresponding key within 5 seconds to select the corresponding beat type.




Recording function

Start recording

Press and hold the **【】** button for a long time, and the indicator lights up, indicating that the recording waiting state is entered. At the same time, the metronome is automatically turned on. If the metronome is not needed, it can be turned off manually. Recording starts automatically when playing.



End recording

- 1 End automatically:** In the recording process, when the storage capacity is used up, the recording will end automatically, with the maximum number of recorded notes of 4,800.
- 2 Manual end:** performance end or want to stop recording, you can press the **【】** or **【▶/■】** button again, the indicator light goes out, and the recording ends.

Practise/Bluetooth/Teaching

Note: The recorded content will not be saved after shutdown.

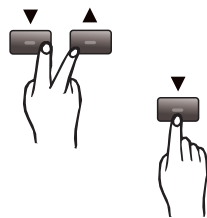
Play recording

After recording, press the 【▶/■】 button to start playing the recording.
Press the 【▶/■】 button again to stop playing.



Demonstration song

Press 【▼/▲】 two buttons at the same time to start playing the demonstration song; Press 【▼/▲】 button to select the previous/last demonstration song;
Press the 【▼/▲】 buttons again to stop playing the demonstration song.



Bluetooth function

This piano can be connected with other mobile devices via audio Bluetooth, and can be used as a Bluetooth speaker device to play sound.

Open the Bluetooth setting interface of the external device, select "Piano audio", and the pairing code is 8888. After the devices are successfully paired, the audio output of the external device will be played.



Before Bluetooth pairing, please reduce the volume of the mobile device. If sonic boom and speaker distortion occur during playback, please reduce the volume of the external device.

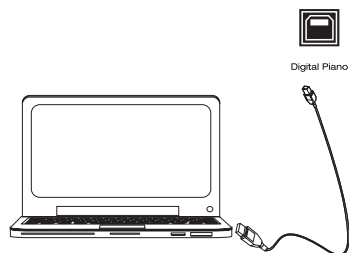
Teaching function

- 1 Customers use their mobile phones or tablets to download various free or charged smart piano teaching apps on Android/ IOS.
- 2 The digital piano can be connected to the APP on your mobile device through MIDI Bluetooth and its music library, which is more convenient for your practice, teaching and use. The rich music resources make you learn music more easily and happily.
- 3 Due to the frequent upgrade of mobile phone or tablet system, there may be problems in cooperation with teaching APP. We will provide you with more official services and information. For more details, please consult customer service!

USB MIDI/Audio connection/Battery power supply

USB MIDI function

Using the USB MIDI interface of the back panel of the digital piano to connect with the computer, you can directly make MIDI functions.

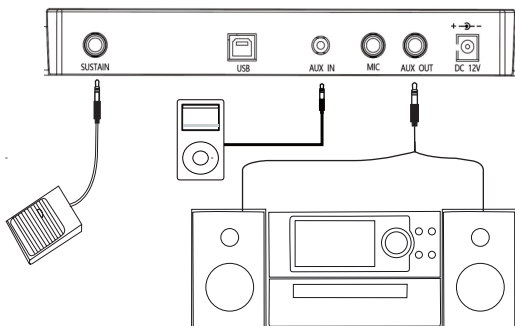


Audio connection function

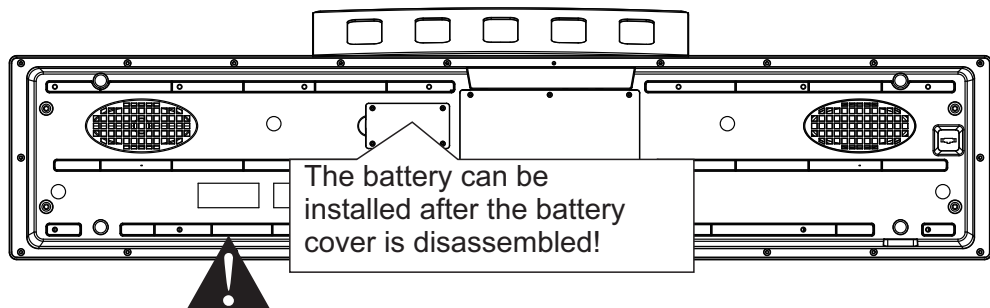
Audio input: use the digital piano as a loudspeaker, and connect mobile phones, musical instruments and other equipment to the piano internal sound amplification system.

Audio output: use the digital piano as the sound source, and connect the digital piano to the external public address system.

MIC input: Connect the microphone to the piano internal sound amplification system.



Battery power supply function



The digital piano can be used by an external power adapter, or it can be powered by a dry battery (or lithium battery) in the battery box, and can be used normally for more than 4 hours when the battery is fully charged.

Technological specification

Appearance: the weight is 9.6KG and the size is 1300 (L) x 270 (W) x 139 (H) mm.

Keyboard: 88-key dynamic touch-key hammer strength keyboard.

Sound source: Used with French Dream 5000 series DSP top sound chip, German Steinway grand piano timbre five-layer stereo sampling sound source technology

Timbre: 128 timbres plus a group of percussion.

Polyphonic number: chip SAM5708, polyphonic number 378.

Bluetooth: Dual-mode Bluetooth module supports Bluetooth audio and Bluetooth MIDI transmission.

Display screen: 3-digit digital tube display.

Recording: Recording, playing/stopping.

Songs: 52 demonstration songs.

Metronome: On/off, it can make strong and weak ticks, 1, 2, 3, 4, 5, 6, and the speed can be adjusted in the range of 20-280.

Function key: Press the function key and use the white key to select dual keyboards, dual timbre, transposition, dynamics on/off, reverberation, chorus and percussion.

Strength: light, normal, heavy, o ff


Transposition: 25(0,12)

Double keyboard: double piano, string ensemble, wind ensemble, piano&violin, guitar&violin.

Volume control: volume button "+/-"controls.

Pedal: By default, a single pedal for delaying sound is standard, and the original wooden frame and matching traditional grand piano three pedals can be selected.

Interface: USB MIDI interface, pedal interface, power interface, stereo line input/output, MIC input interface, front 3.5 jack dual earphone interface.

 If the product upgrade or technical specifications changed, it will be without prior notice. For more details, please contact customer

Timbre list

number	Name	number	Name
1	Acoustic Grand Piano	33	Acoustic Bas
2	Bright Acoustic Piano	34	Electric Bass (finger)
3	Electric Grand Piano	35	Electric Bass (pick)
4	Honky-tonk Piano	36	Fretless Bass
5	Electric Piano1	37	Slap Bass 1
6	Electric Piano2	38	Slap Bass 2
7	Harpsichord	39	Synth Bass 1
8	Clavichord	40	Synth Bass 2
9	Celesta	41	Violin
10	Glockenspiel	42	Viola
11	Music box	43	Cello
12	Vibraphone	44	Contrabass
13	Marimba	45	Tremolo Strings
14	Xylophone	46	Pizzicato Strings
15	Tubular Bells	47	Orchestral Harp
16	Dulcimer	48	Timpani
17	Hammond Organ	49	String Ensemble 1
18	Percussive Organ	50	String Ensemble 2
19	Rock Organ	51	Synth Strings 1
20	Church Organ	52	Synth Strings 2
21	Reed Organ	53	Choir Aahs
22	Accordion	54	Voice Oohs
23	Harmonica	55	Synth Voice
24	Tango Accordion	56	Orchestra Hit
25	Acoustic Guitar (nylon)	57	Trumpet
26	Acoustic Guitar (steel)	58	Trombone
27	Electric Guitar (jazz)	59	Tuba
28	Electric Guitar (clean)	60	Muted Trumpet
29	Electric Guitar (muted)	61	French Horn
30	Overdriven Guitar	62	Brass Section
31	Distortion Guitar	63	Synth Brass 1
32	Guitar Harmonics	64	Synth Brass 2

Timbre list

number	Name	number	Name
65	Soprano Sax	97	FX 1 (rain)
66	Alto Sax	98	FX 2 (soundtrack)
67	Tenor Sax	99	FX 3 (crystal)
68	Baritone Sax	100	FX 4 (atmosphere)
69	Oboe	101	FX 5 (brightness)
70	English Horn	102	FX 6 (goblins)
71	Bassoon	103	FX 7 (echoes)
72	Clarinet	104	FX 8 (sci-fi)
73	Piccolo	105	Sitar
74	Flute	106	Banjo
75	Recorder	107	Shamisen
76	Pan Flute	108	Koto
77	Bottle Blow	109	Kalimba
78	Shakuhachi	110	Bagpipe
79	Whistle	111	Fiddle
80	Ocarina	112	Shanai
81	Lead 1 (square)	113	Tinkle Bell
82	Lead 2 (sawtooth)	114	Agogo
83	Lead 3 (calliope lead)	115	Steel Drums
84	Lead 4 (chiff lead)	116	Woodblock
85	Lead 5 (charang)	117	Taiko Drum
86	Lead 6 (voice)	118	Melodic Tom
87	Lead 7 (fifths)	119	Synth Drum
88	Lead 8 (bass+lead)	120	Reverse Cymbal
89	Pad 1 (new age)	121	Guitar Fret Noise
90	Pad 2 (warm)	122	Breath Noise
91	Pad 3 (polysynth)	123	Seashore
92	Pad 4 (choir)	124	Bird Tweet
93	Pad 5 (bowed)	125	Telephone Ring
94	Pad 6 (metallic)	126	Helicopter
95	Pad 7 (halo)	127	Applause
96	Pad 8 (sweep)	128	Gunshot

List of demonstration songs

Number	Name	Number	Name
01	hallelujah	42	A lovely rose
02	Piano ove	43	I want to live in a dream
03	Spanish girl	44	Osmanthus flowers bloom and happiness comes
04	Prairie in July	45	at the side of road
05	Oh. - Sunnylands	46	On the jialing river
06	Carol	47	blame
07	Pigeon	48	Fragrance
08	BaoLeng adjustable	49	It was snowing heavily in cold weather
09	walnut	50	Go back to Sorrento
10	The prairie night	51	Who doesn't say my hometown is good
11	A girl from Cadiz	52	violet
12	Spring waltz	53	The bell ringer at Notre Dame cathedral in Pairs
13	Did you know	54	trout
14	In February to	55	The stars are shining tonight
15	Promise	56	Ah, my sun
16	Beat the tambourine and sing	57	Seine minor
17	Papageno's aria	58	Patio spring snow
18	Teach me how not to think about him		
19	Three chariot		
20	Avaziguri		
21	Listen - listen - lark		
22	The Great Wall village women		
23	Santa Lucia		
24	There is a singing star in the blue sky		
25	On the wings of song		
26	The rising sun on the prarie		
27	daybreak		
28	Flower Drum Dance		
29	The birds in the forest		
30	Deep emotion		
31	Go ahead. - The luckiest forest		
32	I oer oil to my country		
33	serenade		
34	The red color sister		
35	West wave nie		
36	I live at the head of the Yangtze River		
37	Hiking trip		
38	Ge Ge Egg Ha River wash clothes		
39	long live friendship		
40	Listen to mom talk about the past		
41	Never be a lover again		

Trouble	Possible Reason/Solution
The digital piano will puff when it is switched on.	Don't worry. This is normal.
Pressing key makes no sound after the power is on.	Please confirm whether the master volume button is set properly or confirm whether the headphone jack is linked to other devices, which will automatically cut off the built-in speaker system.
Notes have different quality under the same sound.	This is normal because different sound sampling ranges make different sound quality.
In pedal sustain function, some sound sustains longer, others shorter.	This is normal. The tenuto of different sounds of this digital piano has been set to optimized length.
The sound is too small.	Please confirm whether the master volume button is set properly.
Some MIDI Data can not be transmitted correctly (Even the MIDI cable is linked correctly).	This is normal. It is related to the original setting.
The speaker will make noise when cell phone is nearby.	The cell phone will jam when it is nearby. The cell phone should be turned off or keep the cell phone away from the digital piano to avoid the jam.
The pitch doesn't match with key actual place while playing.	Maybe the double keyboard function or transposition function is turned on. Turn off double keyboard or reset transposition to zero can solve the problem.

Trouble	Possible Reason/Solution
The sound can not be changed while playing. The pitch doesn't match with key actual place.	Maybe the double keyboard function is turned on and the split point is set to the highest pitch. Turn off double keyboard function and set split point to original status can solve the problem.
The demo song distorts or interrupts.	Maybe it has been playing in maximum power for a long time so that the circuit board self-protection system is activated in case of overheat. Turn down the volume or turn off power for a while can solve the problem.
There are two sounds at the same time while playing.	Maybe you turn on dual voice function. Turn off dual voice function can solve the problem.
The tone's pitch is wrong.	Set scale and tones or set temperament parameter values to zero.
No automatic accompaniment chord.	Confirm whether accompaniment volume or chord function is turned on.
Dynamics is different from before.	This digital piano has four dynamics, light, standard, heavy, off. Maybe you have chosen different dynamics. You can choose the dynamics again according to your demand or reset it.

THE FCC REGULATION WARNING (for U.S.A.)

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.

CE mark for European Harmonized Standards

CE Mark which is attached to our company's products of Battery mains the product is in fully conformity with the harmonized standard(s) EN 61000-6-3:2007+A1:2011 & EN 61000-6-1:2007 Under the Council Directive 2004/108/ EC on Electromagnetic Compatibility.

Description of hazardous substances

This information is provided on the specific hazardous substances to describe our products and their safety. This information applies to products which are manufactured by our company after March 1, 2007.

Environmental protection period



The number in this logo indicates that the environmental life of the product under normal use is 10 years. Some parts may also have an environmental life limit for their environmental use years. The limited use years are subject to the number within the logo.

The name and content of hazardous substances or elements in the product

Part Name	Harmful toxic substances or elements					
	Lead(Pb)	HG(Hg)	Cadmium(Cd)	Cr (VI)	PBB	PBDE
Shell	x	o	o	o	o	o
Electronic components	x	o	x	o	o	o
Annex	x	o	o	o	o	o

- : That the hazardous substances in the parts of all homogeneous materials in the GB / T 26572 The prescribed limit is required above.
- X : Indicates that at least in the content of a homogeneous material of the part , the hazardous substance is exceeding the GB / T26572 requirements of the limited requirements, due to the existing technical level, the current industry is not mature and there are not alternative solutions for the program.

