USER MANUAL
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Basic operations

Appendix

Safety Guideline

Before playing the digital piano, please read the following content.
Please put this instruction book in a safe place, in order to read it in the future.

⚠ Warning

In case of getting seriously injured or killed because of electric shock, short circuit, damage, fire or other dangers, please obey the following warnings.These warnings include but not limited to the following situations:

Power

* Please don't put electric cable beside heaters or radiators. Don't bend too much or cause damage to electric cable. Don't put any heavy stuff on the wire.
* The rated voltage of this device is fixed. The required voltage is printed on the nameplate of this device.
* Check the plug regularly, clean the dirt and ash piled up on the plug.
* Do not connect the instrument to the socket by multiple connector, or it will lower the sound quality, or it will make socket overheat.
* When unplugging the power cord from this product or power outlet, please be sure to grab the plug. Direct pull power cord can be can cause damage.
* When the product is not used for a long period of time, or during a thunderstorm, unplug the electrical plug from the socket.
* Please read all the illustrate materials of the piano to make sure the piano installation is correctly.

Warning about humidity

* In case of any liquid splashing into the device, please do not get this device rained or use it nearby water, in a wet surrounding or put a container of liquid on it. If any liquid, like water, splashes into the instrument, please cut off power and pull out the electric cable from the AC socket immediately. Then ask our qualified service staffs to examine and repair the device.

* Do not plug with wet hands.

If you notice any abnormality

* When one of the following problems occur, immediately turn off the power and disconnect the electric plug from the outlet. Then arrange a checking by our service staff.
- 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:

Do not open

* Please do not open this device and try to dismantle inner components or transform it in any ways. This device does not include any components for users to fix. If you find any problems, please stop using and ask our qualified service staffs to examine and repair the device.

Fire

* Do not place any burning stuff, like candle, on the instrument. It may cause fire.

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.
* When you set this device, please confirm the AC socket going to be used is reachable. The device should be connected to the socket with protecting grounding connection. If you find any problems and questions, please immediately turn off the power and pull out the plug from the socket. Even though the power is turned off, there is still a small amount of electricity current flowing though it. If you decide not using this device for a long time, please pull out the plug from AC socket.

* Only use the bracket and screws provided with this piano, If might cause injury or damage if you use other parts to install the piano.

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

* 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, please consult a physician.

Caution

* 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.

* 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 in jury.

* 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 ethylene, plastic or rubber objects on the instrument, since this might discolor the panel or keyboard.

* 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.

* In order to avoid damage to the lithium battery, if the product is not used for a long time, please use the specified adapter to fully charge it to keep the battery well, and charge it about 2month per time.

■ About copyrights

* Copying of the commercially available musical data, including but not limited to MIDI data and/or audio data, are 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.
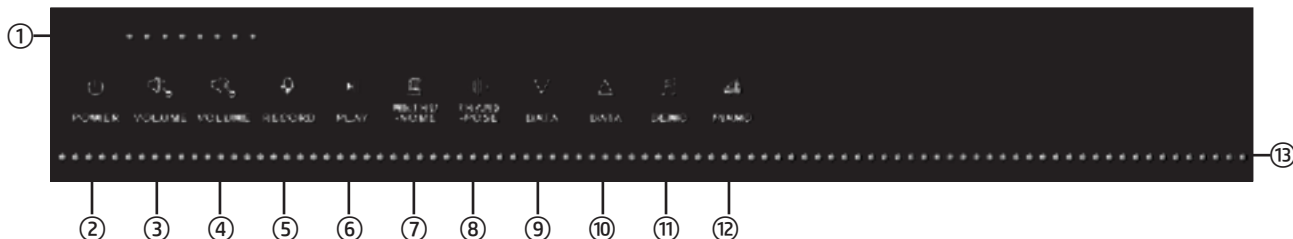
* The actual goods shall prevail.Operation and specifications are subject to change without notice.All rights reserved.

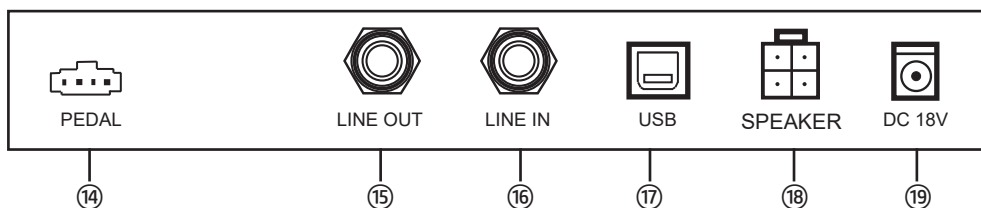* The contents in this hand book is only for introduction purpose. It may be different from the instrument you buy.
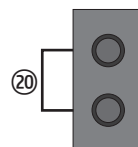
Panel controls and Interfaces
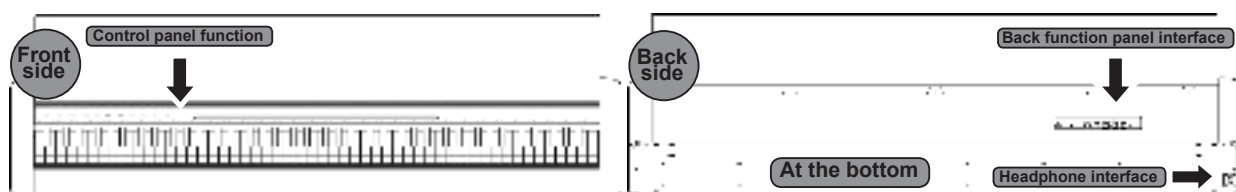
Control panel function：

Back function panel interface：

Headphone interface：

1 Volume display ....page 5

2 [Power](on/off) ....page 4

3 [VOLUME -] Button ....page 5
For adjusting the volume to be lower.

4 [VOLUME +] Button ....page 5
For adjusting the volume to be louder.

5 [Record] button ....page 5
For Recording the music when playing.

6 [Play] button..page 5
For turn on /off the record.

7 [Metronome] button..................................page 6
For Start or Stop metronome.

8 [Transpose] button....................................page 6
For turn on or off the transpose function.

9 [Data▼]button..page 5
To adjust the data/function-(down).

10 [Data▲] button..page 4
To adjust the data/function-(up).

11 [Demo] button ....page 5
For on or off the demo song.

12 [Piano]button..page 5
Back to the Grand piano voice.

13 [Double color LED light display] ....page 10
Each LED light is corresponding to every single key.

14 [Pedal] jack ....page 3
For connecting the 3 pedal.

15 [Line out] jack ....page 9
Audio output.

16 [Line in] jack ....page 9
Audio input.

17 [USB] jack..page 9
For connecting to a computer via a USB MIDI cable.

18 [Speaker] jack..page 3
For connecting with speaker.

19 [DC 18V] jack ....page 4
For connecting with adapter.

20 [Headphone] jack ....page 5
For connecting with headphone .

Basic operation

Power on/off

1.Connect the power as the picture showed below:

DC 18V → **Adapter** → **AC outlet**

⚠ 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:

The control panel 【POWER】 light will be on in red color when your hand is close to the panel. Touch the 【POWER】 button and the panel light will be on, the default voice is Grand piano. (Note: The control panel light will be off when your hand leaves the panel around 5 seconds.)

3.Turn off:

The control panel 【POWER】 light will be on in red color when your hand is close to the panel. Touch the 【POWER】 button for 3seconds and release the button,the power will be turned off.

Automatically turn off note:

In order to save the energy, place the piano without any operation for 60 minutes, the piano will be turned off automatically.

Automaticaally turn off setting:

Press the 【PIANO】 and 【VOLUME -】 to set the 30mins turn off time.
Press the 【PIANO】 and 【VOLUME +】 to set the 60mins turn off time.
Press the 【PIANO】 and 【RECORD】 to set the 120mins turn off time.
Press the 【PIANO】 and 【PLAY】 to turn off the auto-off function.

30mins **60mins** **120mins** **turn off**

To save the Auto-off time setting:

Press the 【DATA ▲】 and 【DATA ▼】 at the same time, then press the 【PIANO】 .

save
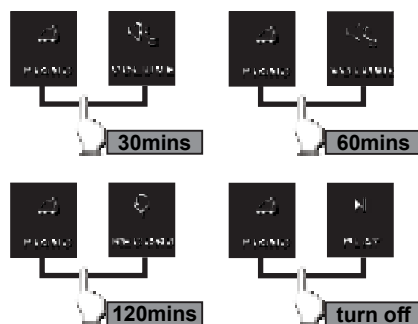
Control panel light setting

The default background light of the control panel is blue color. Red color means the function you need. Here is the background light setting:

1.Setting:

Press 【PIANO】 , then press 【DATA ▲】 and 【DATA ▼】 at the same time to adjust the panel light color.

2.Saving:

Press 【DATA ▲】 and 【DATA ▼】 at the same time,then press 【PIANO】 to save the setting.

Adjust the volume

To press 【VOL -】 / 【VOL +】 to adjust the volume as you want.
Long press 【VOL -】 / 【VOL +】 to continuously increase the volume.

Note: Improper volume level might damage your hearing,especially wearing the headphone.

Connect headphone

The instrument is equipped with two sets of standard stereo headphones jack at the lower left. The speaker system will be mute after connecting a headphone. You can use the master volume knob to adjust the sound level. (Note: When no need to use headphone, please plug the headphone from the jack, then the speaker system will restore the sound.)

Record

1.Start recording: Press 【RECORD】 button, indicated light is on. The piano is start to record.

2.Stop recording: After recording, Press 【RECORD】 button, indicated light will be in red color, log out the record function. When the storage is not enough during the recording, the record will be stopped automatically.

Play/Stop

1.Play record: Press 【PLAY】 button, the piano will play the music you recorded. Press the button again, the music will be stopped.

2.Power off saving: The piano will save the last recording music even the piano is off. When you reboot the piano, press 【PLAY】 ,the last music you recorded can be played.

Play Demo

(1)Press 【DEMO】 to turn on the demo playing, the indicated light will be in red.
(2)Press 【DATA ▲】 and 【DATA ▼】 to select the demo song.
(3)Pres 【DEMO】 again to turn off the demo.

Voice setting

The piano default voice is Grand piano voice, the indicated light will be red. For other voices, the indicated light will be blue.
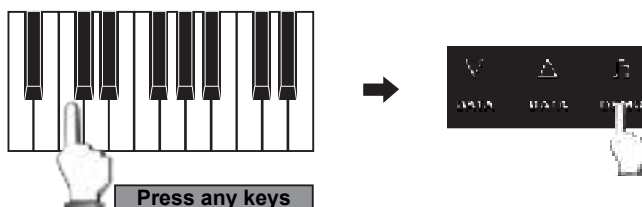
(1)Press 【DATA▲】 and 【DATA ▼】 to select the voice.
(2)Press 【PIANO】 to back to the grand piano voice.

Teaching function

Press any keys (Such as the 4th key), and press 【DEMO】 from the panel at the same time. Then the piano will play the 4th teaching song. The piano will get into the PAIPAI piano function.

Press any keys

Metronome

Touch the 【METRONOME】 on the panel to enable the metronome function. The indicated light will be in red. The default metronome tempo is 120 BPM.

(1)Long press the 【METRONOME】 over 2seconds, the indicated light will be in red, the piano will get into the metronome tempo setting.
(2)Press the key to set the tempo, such as 120bpm, press the corresponding key 1,2,0 three keys to set it.

1 2 3 4 5 6 7 8 9 0
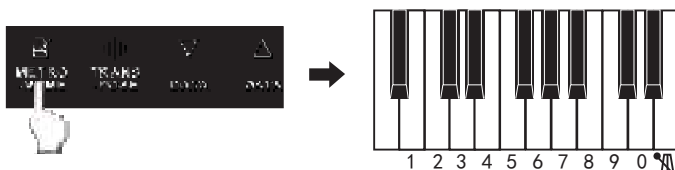
Or touch the 【DATA ▲】 and 【DATA ▼】 to adjust the tempo(20-280BPM).

(3)Touch the 【METRONOME】 to exit the metronome setting, the piano will save the setting.

Note: The piano will back to the default tempo (120BPM) after reboot the piano.

Transpose

This function can transpose a note to +/-12 semitone in a range of octachord.
1.The operation of Transpose:
(1)Press 【TRANSPOSE】 button to get into the transpose setting status.
(2)Press 【DATA ▲】 and 【DATA ▼】 with your other hand to adjust it. Adjusting range: -12 to +12.
(3)Release the 【TRANSPOSE】 to exit the transpose setting status.

Note: The 【TRANSPOSE】 indicator light will be in red when you set the transpose.

2.The way to turn on/off the Transpose:
(1)Press 【TRANSPOSE】 button to on / off the function.
(2)When the piano is set a transpose, the indicator light will be in red. Press 【TRANSPOSE】 to turn off the function, the indicator light will be in blue. The piano will back to the default transpose.

Function control

Being an extremely user-friendly instrument, the functions of this digital piano are easily activated.
Each function is associated with one of keys on the right keyboard.
The name of each function is printed under the corresponding key for your reference.
(Note: When you press the 【PIANO】 button without releasing your hand, the function selection status is activated, at the moment the keyboard is silent.)
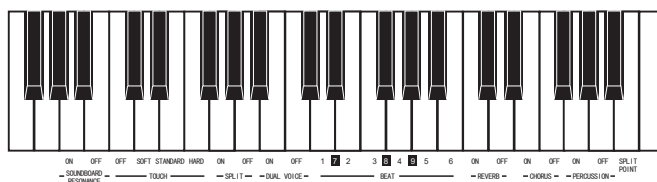
1.Soundboard resonance

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Soundboard resonance ON/OFF to start or stop the soundboard resonance function with your right hand.

(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.
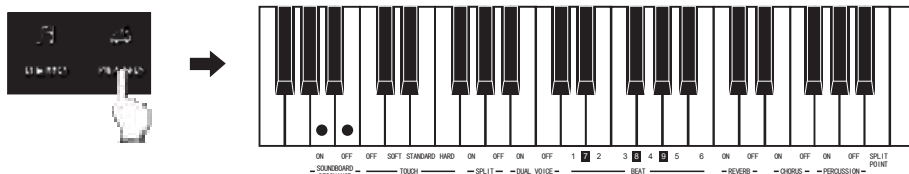

2.Touch setting

This digital piano has 5 touch dynamic :default (When turn on the piano), off、soft、standard、hard 4 status,Each of them corresponds to four keys

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key (off、soft、standard、hard) to choose the touch level you want with your right hand. There will be the corresponding touch level.
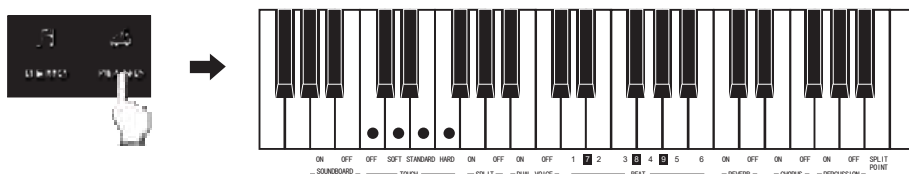
3.Split

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

Left keyboard ◀ ▶ Right keyboard
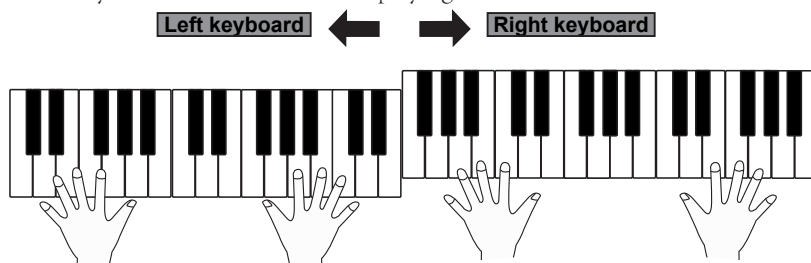
Split setting:

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Split ON/OFF to turn on or turn off the function with your right hand.

(Note: Before turning on the split function, you have to choose the voice of left keyboard first. After turn on the split function, you only can press 【DATA▲】 and 【DATA▼】 to choose the voice of right keyboard.)

(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.

7
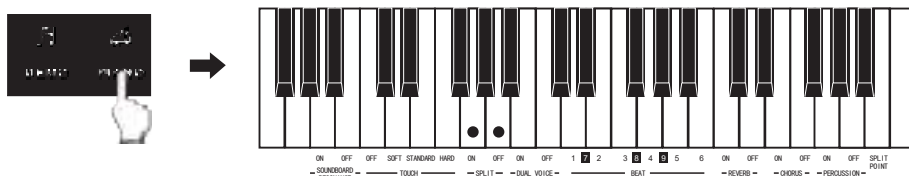
4.Dual voice

The Dual voice on and off function corresponds to two keys printed in front of the keyboard.

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Dual voice ON/ OFF to turn on or turn off the function with your right hand.

(Note: After turn on the dual voice function, you can hear there are two voices come out together. press 【DATA ▲】 and 【DATA ▼】 to choose the second voice you want.)
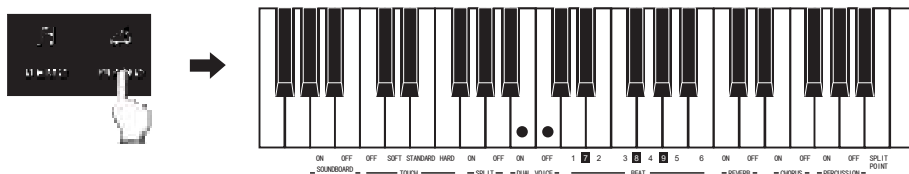
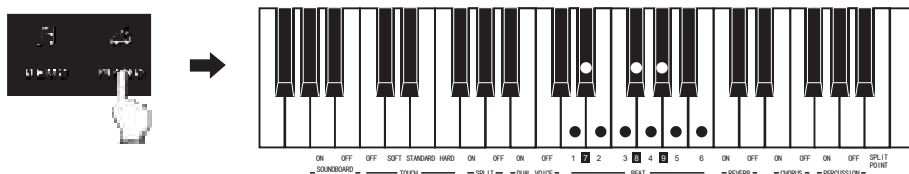(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.

5.Beat

There are 9 kinds of styles beat. Each of them corresponds to 6 white keys and 3 black keys. You can choose the one you need.

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Beat(1-9) to choose the beat you want with your right hand.

(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.

6.Reverb

The Reverb on and off function corresponds to two keys printed in front of the keyboard.

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Reverb ON / OFF to turn on the function with your right hand.

(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.

7.Chorus

The Chorus on and off function corresponds to two keys printed in front of the keyboard.

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Chorus ON / OFF to turn on the function with your right hand.

(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.

8.Percussion

The Percussion on and off function corresponds to two keys printed in front of the keyboard.

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Percussion ON / OFF to turn on the function with your right hand.

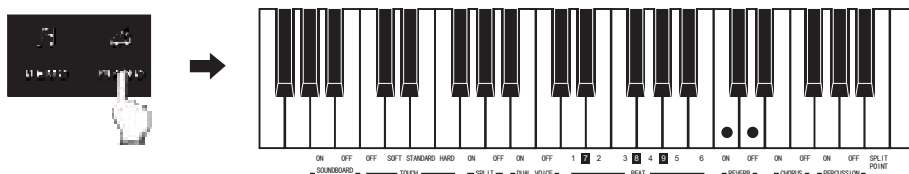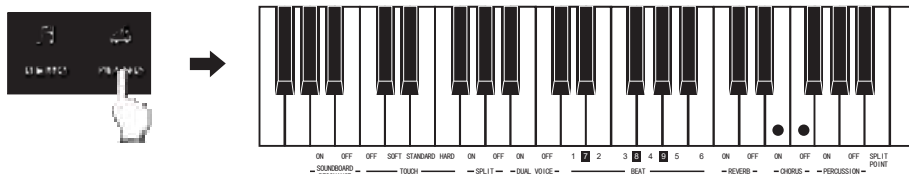(2)Release 【PIANO】 key to exit the function selection, There will be the corresponding function when playing.

ON OFF OFF SOFT STANDARD HARD ON OFF ON OFF 1 7 2 3 8 4 9 5 6 ON OFF ON OFF ON OFF SPLIT POINT
SOUNDBOARD RESONANCE — TOUCH — SPLIT — DUAL VOICE — BEAT — REVERB — CHORUS — PERCUSSION —
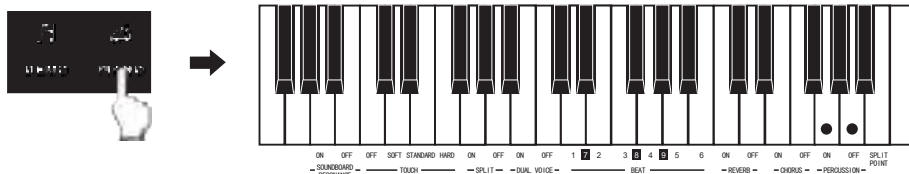
9.Split point

(1)Press 【PIANO】 with your left hand and do not release it, Press the function corresponding key Split point to get into the split point setting status with your right hand.

(2)Choose the split point you want, and press the key. For example: when you want to split the keyboard from key (central C), just press the central C key , the keyboard will be split from the key.

ON OFF OFF SOFT STANDARD HARD ON OFF ON OFF 1 7 2 3 8 4 9 5 6 ON OFF ON OFF ON OFF SPLIT POINT
SOUNDBOARD RESONANCE — TOUCH — SPLIT — DUAL VOICE — BEAT — REVERB — CHORUS — PERCUSSION —
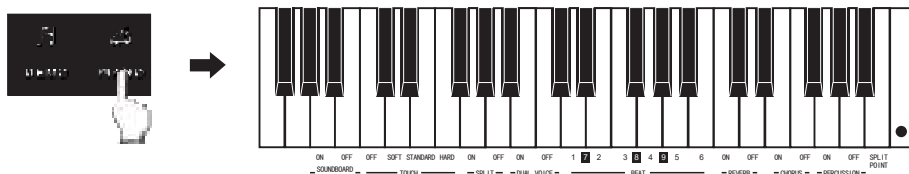
USB MIDI function

Connect the computer to the USB MIDI Jack in the back inserting plate to get MIDI Production Function.
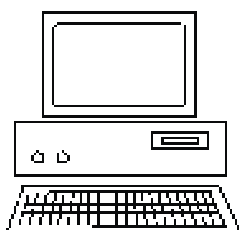
USB TO HOST Connection
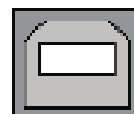
Digital Piano Back Interface Plate USB Jack

Audio Connection

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

Audio Connection

LINE IN

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

Audio Connection

LINE OUT

Teaching function

This piano supports connecting Bluetooth audio and Bluetooth MIDI at the same time. It can be a phone or tablet computer connect to both Bluetooth audio and Bluetooth MIDI at the same time. Or it can be two phones or two tablet computer connect to Bluetooth audio and Bluetooth MIDI separately.

1 . 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 【S3】. 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)

2. Bluetooth MIDI function (Software support required)

(1) The Bluetooth MIDI transfer function is available on the piano.
(2) Turn on the piano, the Bluetooth function will be on at the same time.
(3) Open your phone or iPad to search Bluetooth device name 【S3 MIDI】.
(4) After successful pairing, we can transfer MIDI data through the phone or iPad.
Note: Bluetooth MIDI connection need your device support (computer/phone/iPad), different software have different connection method. For the specific connection method, please check the instruction of your software.

Further function

The below functions require software support. Here we use 【PIANO BAR】 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.

4.Voice setting

You can change the digital piano voice from the APP. Such as 128 standard GM voices.

APP installation

The download link: http://.tan8.com/app.

Note:

(1)After installation, please follow the steps to finish the registration.
(2) 【PIANO BAR】 VIP membership needs to be purchase separately.

APP connection

1.Wired Connection

Connect with phone or tablet computer using USB cable and OTG cable.

USB cable

Android/Apple OTG cable
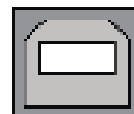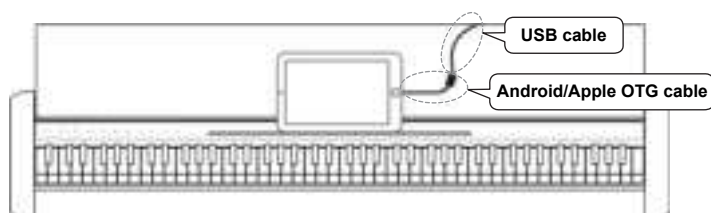
Digital Piano Back Interface Plate USB Jack

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)Click the [PIANO BAR] APP, and find a song you want.

(2)Click the song, you can see the music stave.

(3)Click the [setting] and click the Bluetooth connection

(4)The screen will show you "Connected".

Note:For now, the [PIANO BAR] APP is only available for the IOS system devices.

*Instruction

(1)Please do not use the the wired / Bluetooth connection at the same time. It might cause the problem.

(2)Due to the IOS system version issue, some devices don't respond after connection. Please turn off the Bluetooth function both from your device and the APP, and try to connect it again as the above steps.

(3)After connection with APP, the piano voice will be changed according to the instruction sent by APP. If there is abnormal sound after connection, please reboot the piano and exit the APP and reconnect it again.

Voice List

No.	Instrument
000	GRAND PIANO
001	BRITE PIANO
002	HONKY-TONK
003	E PIANO 1
004	E PIANO 2
005	HARPSCRD
006	MARIMBA
007	HAMND ORG
008	CHURCH ORG
009	GTR NYLON
010	ACOU BASS
011	STR PIZZ

No.	Instrument
012	HARP
013	STRINGS 2
014	STR SYN 2
015	MUTE TPUMPET
016	ALTO SAX
017	CLARINET
018	PAN FLUTE
019	SHAKHACHI
020	WARM PAD
021	SWEEP
022	CRYSTAL FX
023	SITAR

No.	Instrument
024	SHAMISEN
Chinese Musical Instrument	
025	PiPa
026	ErHu
027	BangDi
028	GuZheng
029	HuLuSi
Percussion	
001	STANDARD DRUMS

Demo songs list

No.	English name
000	Chopin Fi
001	AMASON Rock
002	Fountain
003	Bach Piano
004	Minuet Bach
005	Love Romance
006	Four Cygnets
007	Puppy Wlatz
008	CpnEtude
009	Turkey March
010	Chopin No.6
011	Menuett
012	MarciaAT
013	Chopin Night
014	Piano Ballad
015	Ragetime
016	Zi Zhu Diao
017	Sad Person
018	Fn Rhythm
019	Eugenia
020	Dolly's Dream
021	4 Cygnets

No.	English name
022	Old France
023	Minuet Bath
024	Song of Joy
025	Busker
026	NewsPaper Sale
027	Doves
028	Mai Tang Yuan
029	Trout
030	Curvet Piano
031	Spring Waltz
032	Aledeman
033	Bach 2 Creative
034	Moonlight
035	Tea & Butterfly
036	Gavotte Dance
037	Canon Piano
038	Cowboy & Flute
039	Turkey March
040	Humoresque
041	England March
042	Little Boat
043	Happy Farmer

No.	English name
044	Minuet Piano
045	Little Starts
046	Deep Sea
047	Wa Ha Ha
048	Snail & Bird
049	In Moonshine
050	Nature Wonder Land
051	Years Ago
052	CuaiYunZhuiYue
053	Liang Zhu
054	Jingle Bells
055	Run Hours On Hall
056	Moscow Nights
057	Shear
058	North Spring
059	Youth Dance
060	Rainbow
061	On Wings Of Song
062	Arirang
063	TianXianPei
064	Sakura

MIDI keyboard percussion music checking list

Note#	Note	Ostand set	1Room set	2Power set	3Electric set	4Synth set
27	C1	Syn Sound	Syn Sound	Syn Sound	Syn Sound	Syn Sound
28	C#1	Slap	Slap	Slap	Slap	Slap
29	D1	Scratch1	Scratch1	Scratch1	Slap	Scratch1
30	D#1	Scratch2	Scratch2	Scratch2	Scratch2	Scratch2
31	E1	Sticks	Sticks	Sticks	Sticks	Sticks
32	F1	Click	Click	Click	Click	Click
33	F#1	Metronome Click	Metronome Click	Metronome Click	Metronome Click	Metronome Click
34	G1	Metronome Bell	Metronome Bell	Metronome Bell	Metronome Bell	Metronome Bell
35	G#1	Kick2	Kick2	Kick2	Electric Kick2	Kick2
36	A1	Kick1	Kick1	Power Kick1	Electric Kick1	Synth Kick
37	A#1	Side Stick	Side Stick	Side Stick	Side Stick	Synth Side Stick
38	B1	Snare Drum2	Snare Drum2	Power Snare	Electric Snare Drum2	Synth Snare
39	C2	Hand Clap	Hand Clap	Hand Clap	Hand Clap	Hand Clap
40	C#2	Snare Drum1	Room Snare1	Snare Drum1 Snare 1	Electric Room	Snare Drum1
41	D2	Low Tom2	Power Low Tom2	Power Low Tom2	Electry Low Tom2	Synth Low Tom2
42	D#2	Closed Hi-Hat	Closed Hi-Hat	Closed Hi-Hat	Closed Hi-Hat	Synth Closed Hi-Hat
43	E2	Low Tom1	Power Low Tom1	Power Low Tom1	Electric Low Tom1	Synth Low Tom1
44	F2	Pedal Hi-Hat	Low Tom1	Pedal Hi-Hat	Pedal Hi-Hat	Synth Pedal Hi-Hat
45	F#2	Mid Tom2	Power Mid Tom2	Power Mid Tom2	Electric Mid Tom2	Synth Mid Tom2
46	G2	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Synth Open Hi-Hat
47	G#2	Mid Tom1	Power Mid Tom1	Power Mid Tom1	Electric Mid Tom1	Synth Mid Tom1
48	A2	High Tom2	Power High Tom2	Power High Tom2	Electric High Tom2	Synth Tom2
45	F#2	Mid Tom2	Power Mid Tom2	Power Mid Tom2	Electric Mid Tom2	Synth Mid Tom2
46	G2	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Open Hi-Hat	Synth Open Hi-Hat
47	G#2	Mid Tom1	Power Mid Tom1	Power Mid Tom1	Electric Mid Tom1	Synth Mid Tom1
48	A2	High Tom2	Power High Tom2	Power High Tom2	Electric High Tom2	Synth Tom2
49	A#2	Crash Cymbal	Crash Cymbal	Crash Cymbal	Crash Cymbal	Synth Crash Cymbal
50	B2	High Tom1	Power High Tom1	Power High Tom1	Power High Tom1	Synth High Tom1
51	C3	Ride Cymbal	Ride Cymbal	Ride Cymbal	Ride Cymbal	Ride Cymbal
52	C#3	Chinese Cymbal 1	Chinese Cymba1 1	Chinese Cymbal 1	Chinese Cymbal 1	Chinese Cymbal 1

Note#	Note	Ostand set	1Room set	2Power set	3Electric set	4Synth set
53	D3	Ride Bell	Ride Bell	Ride Bell	Ride Bell	Ride Bell
54	D#3	Tambourine	Tambourine	Tambourine	Tambourine	Tambourine
55	E3	Splash Cymbal	Splash Cymbal	Splash Cymbal	Splash Cymbal	Splash Cymbal
56	F3	Cowbell	Cowbell	Cowbell	Cowbell	Cowbell
57	F#3	Crash Cymbal	Crash Cymbal	Crash Cymbal	Crash Cymbal	Crash Cymbal
58	G3	Vibra-Slap	Vibra-Slap	Vibra-Slap	Vibra-Slap	Vibra-Slap
59	G#3	Ride Cymbal1	Ride Cymbal1	Ride Cymbal1	Ride Cymbal1	Ride Cymbal1
60	A3	High bomgo	High bomgo	High bomgo	High bomgo	High bomgo
61	A#3	Low conga	Low conga	Low conga	Low conga	Low conga
62	B3	Mute conga	Mute conga	Mute conga	Mute conga	Mute conga
63	C4	High conga	High conga	High conga	High conga	High conga
64	C#4	Low conga	Low conga	Low conga	Low conga	Low conga
65	D4	High Timbale	High Timbale	High Timbale	High Timbale	High Timbale
66	D#4	Low Timbale	Low Timbale	Low Timbale	Low Timbale	Low Timbale
67	E4	High Agogo	High Agogo	High Agogo	High Agogo	High Agogo
68	F4	Low Agogo	Low Agogo	Low Agogo	Low Agogo	Low Agogo
69	F#4	Cabasa	Cabasa	Cabasa	Cabasa	Cabasa
70	G4	Msracas	Msracas	Msracas	Msracas	Msracas
71	G#4	Short Hi Whistle	Short Hi Whistle	Short Hi Whistle	Short Hi Whistle	Short Hi Whistle
72	A4	Long low whistle	Long low whistle	Long low whistle	Long low whistle	Long low whistle
73	A#4	ShortGuiro	ShortGuiro	ShortGuiro	ShortGuiro	ShortGuiro
74	B4	logn Guiro	logn Guiro	logn Guiro	logn Guiro	logn Guiro
75	C5	Claves	Claves	Claves	Claves	Claves
76	C#5	Hi Wood Block	Hi Wood Block	Hi Wood Block	Hi Wood Block	Hi Wood Block
77	D5	Low Wood Block	Low Wood Block	Low Wood Block	Low Wood Block	Low Wood Block
78	D#5	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica	Mute Cuica
79	E5	Open Cueca	Open Cueca	Open Cueca	Open Cueca	Open Cueca
80	F5	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle	Mute Triangle
81	F#5	Open Triangle	Open Triangle	Open Triangle	Open Triangle	Open Triangle
82	G5	Shaker	Shaker	Shaker	Shaker	Shaker
83	G#5	Jingle Bell	Jingle Bell	Jingle Bell	Jingle Bell	Jingle Bell
84	A5	Bell Tree	Bell Tree	Bell Tree	Bell Tree	Bell Tree
85	#5	Castanets	Castanets	Castanets	Castanets	Castanets
86	B5	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo	Mute Surdo
87	C6	Open Surdo	Open Surdo	Open Surdo	Open Surdo	Open Surdo

Specification

Exterior: Fashionable home-furniture design, solid-wood cabinet, walnut color, individual speaker, foldable keyboard cover.

Control Panel: toughened glass surface, proximity sensing function panel, touch key module.

Sound Source: Independent developed Spectral Composite techniques DSP chip. German famous Schimmel Grand 9 foot Piano sound sampling, 10 layers dynamic wave table, String overtones resonance simulation sound technology .

Keyboard: Italian Imported 88 Grand-ResponseTM Key trends with hammer action & dynamic curve keyboard.

Polyphony: 512 (stereo)

Demo song: 65 songs.

Voice: 31 voices,including a set of percussion.

Touch: 5 piano touch curves, Default、off、soft、standard、hard.

Record: Record and replay, maximum notes for per composition is 22,000. MIDI Record supports 64 tracks, 16 channels. MIDI 0&1 format.

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

Dual Voice: String music background, user can edit multiple sound combinations.

Split Keyboard: Double piano, Same range, Split the keyboard into two zones with same pitch, Piano Duet, String ensemble, Wind ensemble, Piano + The violin family, Guitar+Violin performance, multi combination available.

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

Effect: 64 reverb, 64 chorus.

Metronome: Dynamics click as per beat,1,2,3,4,5,6,7,8,9.

Tempo: 20-280per minute.

Pedal function: Soft pedal, sostenuto pedal, sustain pedal, imitation of the traditional grand piano pedal function.

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.

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

Bluetooth MIDI: To connect with devices via Bluetooth MIDI function.

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

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

Speaker system: 2 sub-frequency technology, Four-channel independent power amplifier, max 4*25W output power.

Intelligent piano teaching system: Wired/Bluetooth connection with APP to achieve intelligent teaching function.

Interface: USB jack*1, pedal jack*1, Power jack*1, Headphone jack*12, Line IN/OUT*1.

Auto-off: 30/60/120mins auto-off setting can be arranged. Turn off the auto-off function is settable.

Power: DC 18V, 3500mA

Maximum output: 4*25W

Dimension: 1375*350*770mm (L*W*H)

Weight: 36kg

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

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*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.

Problem	Cause/Solution
There is noise when turn on/off the power.	This is normal.
After turn on the power, no sound is produced when press the keys.	Please confirm the master volume is set in a right level. Please confirm if the headphone jack is connected.
The note and its timber are of a little differences under the same patch.	This is normal, because of the difference of the timber sampling.
When use the sustain function, some patches are long while others are short.	This is normal,Different sound have been setting a max sustain length.
The volume is too low.	Please turn up the the sound by using the volume switch button.
Some MIDI information can not transmit,even the MIDI cable connection is good.	This is normal, it is about the factory setting.
Noise comes from speakers when near cell phones.	Mobile phone could bring in disturbance. To avoid the noise, turn off the mobile or keep away from the piano.
Pitch from speakers does not match the key you are playing.	Please check if the double keyboard mode or transposition mode is on, then turn it off, the piano will be recovered.
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"
No automatic Accompaniment and Chord.	Please confirm the accompaniment volume or if the Chord function is turned on
Dynamics is not same as before.	There are 5 piano touch curve, Default,Soft,Standard,Hard,off. You might choose the wrong dynamics. Please set the one you need.

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
PCB	X	○	○	○	○	○
Cable	X	○	○	○	○	○
Adapter	X	○	○	○	○	○
Speaker	X	X	X	○	○	○
Light	X	○	○	○	○	○

○：Means the hazardous chemicals of the parts comply with the standard Regulation SJ/T11363-2006.

X：Means the hazardous chemicals of the parts exceed the standard regulation of SJ/T11363-2006.

The meaning of the Mark: Do not throw it into the trash can.

The meaning of the Mark: The product is only suitable to use safely under non-tropical climate.

The meaning of the Mark: The product is only suitable to use safely in the area below 2000 meter altitude.

FCC Caution：
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.

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

Note: 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.