FLYKEYS

LK3 DIGITAL PIANO

USER MANUAL

Safety Guidelin

Before playing the digital piano, please read the following content.
* Please put this instruction book in a safety 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/Electric Cable
* 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.
* This digital piano only matches with the provided power cable and plug.
* 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. Don't
   put it where it may be run over or trampled to make people stumble.

   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 qualified

Pearl River service staffs to examine and repair the device.
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 qualified Pearl River service staffs to examine and repair the device.
* Do not plug with wet hands.

　Fire
* Do not place any burning stuff, like candle, on the instrument. It may cause fire.
* When sensing any unusual situations, such as worn away and damage of power cable, sound suddenly stops during playing and the smell and smoke it causes, please turn off the power immediately and pull out plug from the socket. Ask qualified Pearl River service staffs to examine and repair the device.

⚠ Attention

In case that people around you and you get injured or get loss of device and property, please obey the following basic instructions. These instructions include but not limited to following situations.

　Power/Electric Cable
* When pulling out plug from socket, please grab the plug instead of power cable.
* If not using the instruments for a long time or during a lighting storm, please pull

out plug from the socket.
* Do not connect the instrument to the socket by multiple connector, or it will
   lower the sound quality, or it will make socket overheat.

   Assemble Use
* Please carefully read the attachment that explains the assemble process.
   If assembling the instrument in a wrong order, it will damage the instrument
   and hurt the user.
* Please connect the external equipment while the digital piano is off.
* Before using, please install the supporting screw and adjust it close to the
   ground, in case of trampling pedal.

   Installation place
* In case of deformation of control panel and damage to inner components,
   please do not place this device in an environment with a lot of dirt, vibration,
   extreme cold and hot (such as, direct sunshine, closing to heater and inside
   a car under the burning sun)
* Please do not use this device near the television, radio, stereo, cell phone or
   other electronic devices. This may make noise on the device itself and television
   or radio nearby.
* Please do not put this device on unstable place, or it may cause a sudden fall down.
* Before moving the device, please pull out all electric cables from the socket.
* 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.

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

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Thank you for buying Our Digital Piano. No matter you are a student, piano hobbyist or the professional, this digital piano will impress you with its perfect sound and fashion design. It can be competent with piano studying, music listening, MIDI production, which satisfies your entertainment demand. It also has grand hammer dynamics keyboard, making you express yourself easily.

For further information about this new digital piano, we suggest you should read this hand book carefully in order to make full use of its advanced and convenient functions. Meanwhile, we also suggest you should keep this hand book well for reference in the future.

If you like Our digital piano, please recommend to your friends.

Control panel

1. **Volume:** To adjust the volume.
2. **Power:** To turn on/off the piano.
3. **Record:** To record the music you want.
4. **Play:** To play/stop your music.
5. **Metronome:** To turn on/off the metronome function.
6. **Transpose:** To turn on/off the transpose function.
7. **Data ▼ :** To select demo or function.
8. **Data ▲ :** To select demo or function.
9. **Demo:** To turn on/off the demo function.
10. **Piano:** Back to Grand piano sound quickly.

Interface function
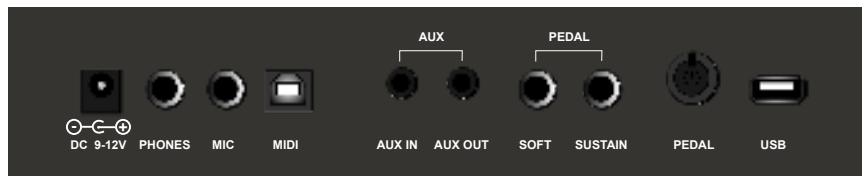
11.**Phone jack:** 3.5mm headphone jack in the front side.

12.**Power jack:** To connect with power adapter.

13.**Phone jack:** "1/4"(6.35mm) headphone jack in the back side.

14.**MIC jack:** "1/4"(6.35mm) MIC jack (The production is not support for dynamic MIC).

15.**MIDI jack:** USB MIDI jack connect with CP, pad,phone to transfer MIDI information.

16.**AUX IN:** Audio input, connect piano with other devices, such as MP3, Phone.

17.**AUX OUT:** Audio output, connect piano with other external audio devices, such as Amplifier, mixer, recorder.

18.**Soft jack:** To connect with "1/4"(6.35mm) soft pedal.

19.**Sustain jack:** To connect with "1/4"(6.35mm) sustain pedal.

20.**Pedal jack:** To connect with PS2 jack 3 pedal(Sustain, soft, sostenuto pedal)

21.**USB jack:** To connect with U disk to play MP3 music(It will recognize and play the music automatically when you insert the USB).

Power

The piano accepts the power support by a battery or a power adapter.

Battery compartment: If you do use the power adapter to support the power, please open the battery cover and put 6pcs "D type" battery into it. Please make sure you put the battery in a correct way. Then cover the battery and turn on the piano.

(**Note:** Please take off the battery if you do not play the piano for a long time, and put the battery in a dry, normal temperature room. In order to protect the batteries)

Battery cover at the bottom of piano body

Turn on: Touch the power and the light will be on. The default sound is grand piano sound, when you turn on the piano, the grand piano blue light will be on.

Turn off: Touch the power button for 3seconds, then the piano will be turn off.

Auto turn off note: In order to save energy, the piano will shut off in 60mins without playing.

Volume

Turn the volume knob on the control panel to set your piano volume.
Turn the knob clockwise will increase the volume, turn the knob anticlockwise will decrease the volume.
If your battery is in low power, the volume will be decrease or distorted automatically.

Warning: High volume may cuase damage to ears.

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Headphone

Besides the built-in speaker system, you can also connect two standard stereo headphones. One is front headphone jack is on the left side under the keyboard. One is back side headphone jack, The built-in speaker system doesn't work after connecting the headphones. You can adjust the headphone volume by switching master volume button.

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Front headphone jack3.5mm

Back headphone jack6.35mm

Recorder

Start recording:

Press "Record" button on the control panel. The indicate light will be on, it means it is ready for recording. At the same time the metronome function will be on, please turn off metronome function if you don't need the metronome.

Stop recording:

Stop automatically: If the piano is out of storage while recording, it will stop the recording automatically.

Stop manually: Touch the recorder button to finish the recording.

Play/Stop

Record play: Press the play/stop button to play your recording. Touch the button again to stop playing.

Save recording: When you reboot your piano and press the play/stop button, it will play the latest recording.

Demo playing

This digital piano has demo songs, you can play it as following steps:
1.Touch [Demo] button to play the demo songs.
2.Touch the [Data ▲] or [Data ▼] button to select demo songs.
3.Touch demo button again to stop playing.

Voice

The default sound is Grand piano sound when you turn on the piano.

You can change the sounds as following steps:
1.Touch the [Data ▲] or [Data ▼] buttons to select the sounds.

2.Touch the Grand piano button to back to grand piano sound.

Teaching function

Press any keys you want (eg: the fourth key), and touch the Demo button to turn on the teaching function, then the piano will start to play the fourth teaching song.

Press any key
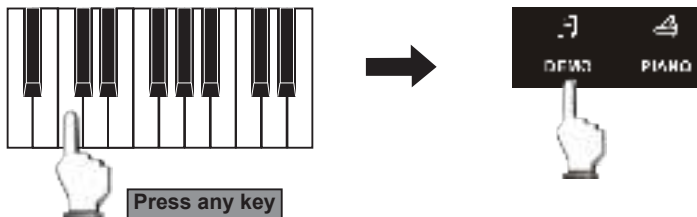
Metronome

Touch the Metronome button to turn on the metronome function, then you can see the blue light of the metronome function. The default speed of metronome is 120beat per minute.

Metronome speed setting as follow:

1.Press the METRONOME button on the panel to enable your metronome. The button LED-light will start flashing. The default metronome tempo is 120 beat per minute.

2.To select the speed by touch the Sound/Data button. If you want to set the speed number 180, the you can press the corresponding key(1,8,0), then press the ' ♩ ' key. Or you just touch the Data to select.

1 2 3 4 5 6 7 8 9 0 ♩

Press the corresponding key to select speed

Press Data ▲ \ ▼ to select speed
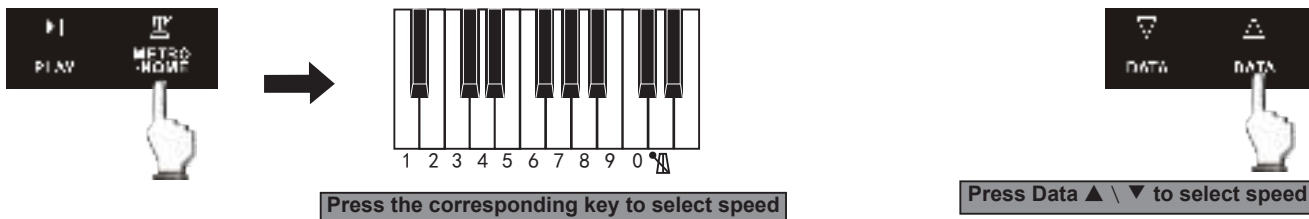
3.Touch the Metronome button again to exit the speed setting, the piano will save your setting.

Metronome speed change: When you play demo song, the metronome beat and speed will be changed according to the song. If you need to set it back to the default beat, you can adjust it manually or reboot the piano to recover the default beat.

Transpose

Transpose setting as follow:
1.Touch the Transpose button over 2seconds, the blue indicated light will be on.
2.Touch the Sound/Data buttons to change the figures, the adjustable figure is from -12 to +12.
3.Touch the Transpose button to exit the transpose edit status. The blue indicated light will stop blinking. Touch the Transpose button again, the indicated light will be on, it will show the transpose statement.
4.Touch the Transpose button again to exit the transpose mode and back to grand piano

Function control

As 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 side of keyboard.

The function names are printed under the corresponding key for your reference.
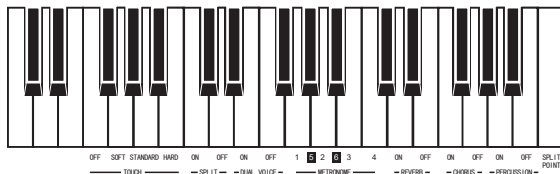
Touch the Grand Piano button over 2 seconds, the blue indicated light will blinking, it means the selected function is activated. Then press the corresponding key to choose the function you want. (Note: When the piano is on setting status, the keyboard is silent). Then the indicated light will stop blinking and exit the selected function status. At the moment, the keyboard has the corresponding setting model.

Each function setting steps:

● **Dynamics:** There are 4 kinds of dynamics status: off, light, standard and strong. Each of them is corresponding to one key. And the piano have a default status. To choose the dynamics, please touch the Grand Piano button over 2seconds to activated the selected status, them press the corresponding key**.**
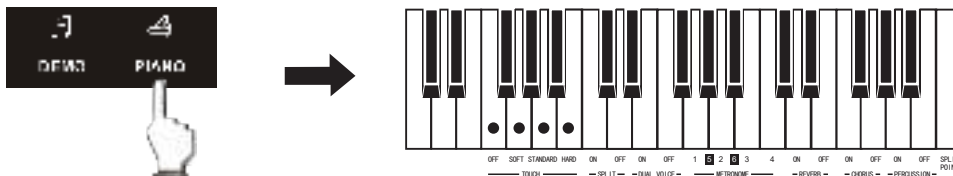
● **Double keyboard**: There are two statuses, on and off, which are corresponding to one key. To choose the double keyboard, please touch the Grand Piano button over 2seconds to activated the selected status, them press
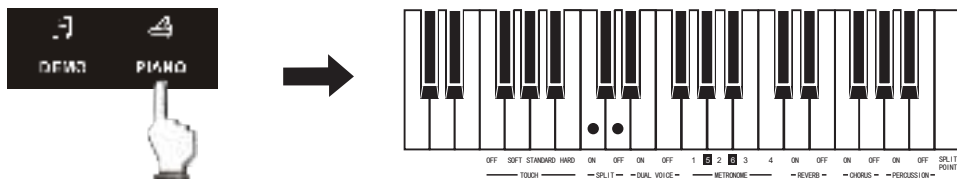
● **Dual Voice:**There are two statuses, on and off, which are corresponding to one key. To choose the dual sound, please touch the Grand Piano button over 2seconds to activated the selected status, them press the corresponding key to turn on or shut down the dual sound function.
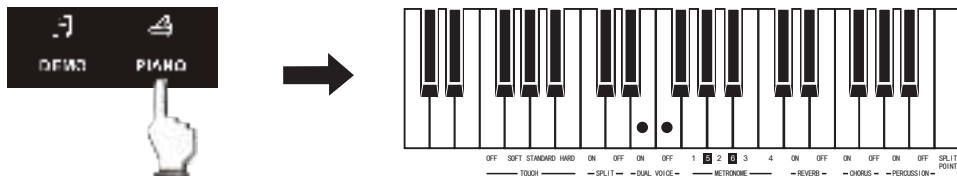
● **Temperaments selection:**There are 1,2,3,4,5 and 6 status, separately corresponding to 4 white keys and 2 black keys.   To choose the beat, please touch the Grand Piano button over 2seconds to activated the selected status, them press the corresponding key to choose the beat type you want.

● **Reverb:**There are on/off status, which are corresponding to one key. To choose the reverb, please touch the Grand Piano button over 2seconds to activated the selected status, them press the corresponding key to turn on or shut down the reverb function.

● **Chorus:**There are on/off status, which are corresponding to one key. To choose the chorus, please touch the Grand Piano button over 2seconds to activated the selected status, them press the corresponding key to turn on or shut down the chorus function.
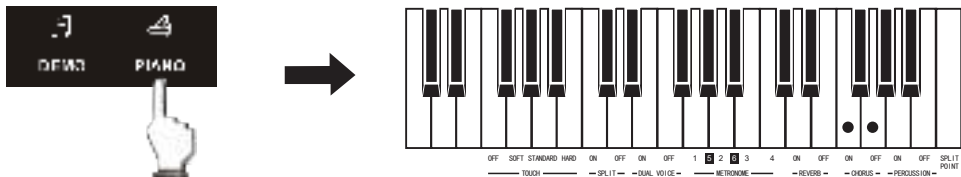
● **Percussion:**There are on/off status, which are corresponding to one key. To choose the percussion, please touch the Grand Piano button over 2seconds to activated the selected status, them press the corresponding key to turn on or shut down the percussion function.

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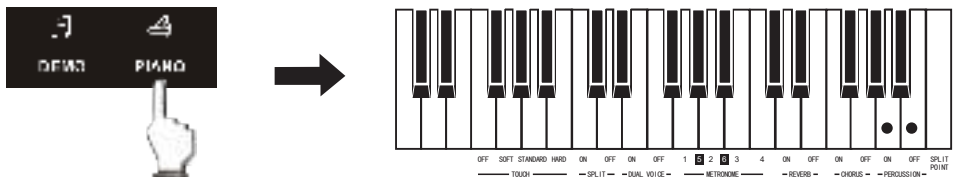
● **Split Point:**Double sounds split point choosing, corresponding C key. To choose the Split point, please touch the Grand Piano button over 2seconds to ac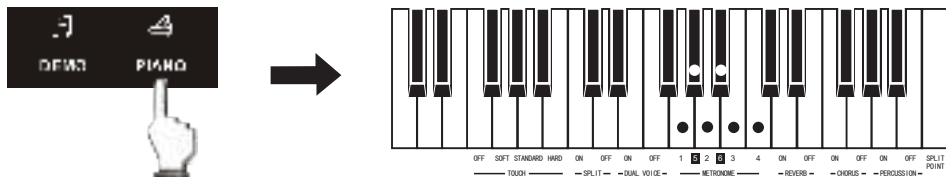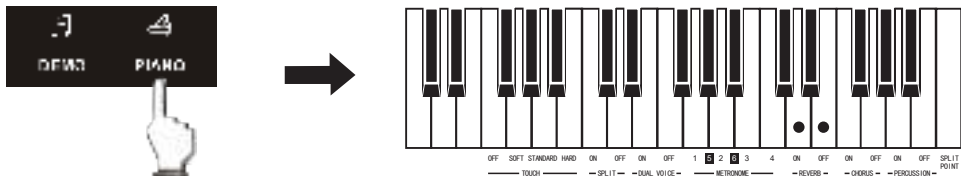tivated the selected status, and press the corresponding key to turn on Split point function, them press any key you want to set the split point.
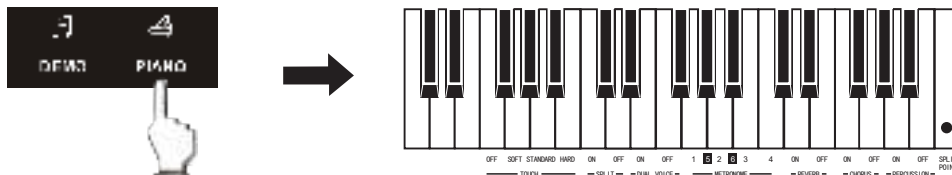
Bluetooth function

Audio Bluetooth function:
(1) Turn on the piano, the Bluetooth function will be on at the same time.
(2) Open your phone or iPad to get into Setting--Bluetooth, search"[AMASON AUDIO] device, 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)

GM voice list in MIDI mode

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
PIANO(钢琴)				
00	PIANO GRD	钢琴	0	00
01	PIANO BRITE	明亮钢琴	0	01
02	PIANO ELEC	电子平台钢琴	0	02
03	HONKY-TONK	酒吧钢琴	0	03
04	E PIANO 1	电子钢琴 1	0	04
05	E PIANO 2	电子钢琴 2	0	05
06	HARPSCRD	古钢琴	0	06
07	CLAVI	克拉维娜	0	07
GLOCK(钟琴)				
08	CELESTA	钢片琴	0	08
09	GLOCKNSPL	钟琴	0	09
10	MUSIC BOX	八音琴	0	10
11	VIBRAPHONE	振琴	0	11
12	MARIMBA	马林巴	0	12
13	XYLOPHONE	木琴	0	13
14	TUBULR BELLS	钟管铃	0	14
15	DULCIMER	德西马琴	0	15
ORGAN(风琴)				
16	HAMND ORG	手摇风琴	0	16

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
17	PERC ORG	打击乐风琴	0	17
18	ROCK ORG	摇滚风琴	0	18
19	CHURCH ORG	教堂风琴	0	19
20	REED ORG	簧风琴	0	20
21	ACCORDN 1	手风琴	0	21
22	HARMONICA	口琴	0	22
23	ACCORDN2	探戈手风琴	0	23
GUITAR(吉他)				
24	GTR NYLON	尼龙弦吉他	0	24
25	GTR STEEL	金属弦吉他	0	25
26	GTR JAZZ	爵士电子吉他	0	26
27	GTR CLEAN	清音电子吉他	0	27
28	GTR MUTED	弱音电子吉他	0	28
29	GTR OVRDRV	过速吉他	0	29
30	GTR DISTRT	失真吉他	0	30
31	GTR HRMNX	和声吉他	0	31
BASS(贝司)				
32	ACOU BASS	原音贝司	0	32
33	FINGR BASS	电子贝司	0	33
34	PICK BASS	拔弦电子贝司	0	34
35	FRETLS BASS	无弦码贝司	0	35

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
36	SLAP BAS 1	击拍贝司 1	0	36
37	SLAP BAS 2	击拍贝司 2	0	37
38	SYN BASS 1	合成贝司 1	0	38
39	SYN BASS 2	合成贝司 2	0	39
STRING(弦乐)				
40	VIOLIN	小提琴	0	40
41	VIOLA	中提琴	0	41
42	CELLO	大提琴	0	42
43	CONTRABASS	低音提琴	0	43
44	STR TREM	颤音提琴	0	44
45	STR PIZZ	拔奏弦乐	0	45
46	HARP	管弦竖琴	0	46
47	TIMPANI	定音鼓	0	47
CONCERT(合奏)				
48	STRINGS 1	弦乐合奏 1	0	48
49	STRINGS 2	弦乐合奏 2	0	49
50	STR SYN 1	合成弦乐 1	0	50
51	STR SYN 2	合成弦乐 2	0	51
52	CHOIR AAHS	啊声合唱	0	52
53	VOICE OOHS	噢声合唱	0	53
54	VOICE SYN	合成音	0	54

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
55	ORCH HIT	流行管弦乐	0	55
BRASS(铜管乐)				
56	TRUMPT	小号	0	56
57	TROMBONE	长号	0	57
58	TUBA	大号	0	58
59	MUTE TPT	弱音小号	0	59
60	FR HORN	法国号	0	60
61	BRASS SECT	铜管合奏	0	61
62	BRASS SYN 1	合成铜管 1	0	62
63	BRASS SYN 2	合成铜管 2	0	63
PIPE(管乐器)				
64	SAX SOPRANO	直管萨克斯	0	64
65	SAX ALTO	高音萨克斯	0	65
66	SAX TENOR	中音萨克斯	0	66
67	SAX BTONE	低音萨克斯	0	67
68	OBOE	双簧管	0	68
69	ENG HORN	英国管	0	69
70	BASSON	巴松	0	70
71	CLARINET	单簧管	0	71
WOODPIPE(木管乐器)				
72	PICCOLO	短笛	0	72

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
73	FLUTE	长笛	0	73
74	RECORDER	古箫	0	74
75	PAN FLUTE	排箫	0	75
76	BOTTLE BLOWN	瓶木管	0	76
77	SHAKHACHI	洞箫	0	77
78	WHISTLE	哨子	0	78
79	OCARINA	奥卡利娜	0	79
SYNTH PIPE(合成管乐)				
80	SQR WAVE	方波管乐	0	80
81	SAW TOOTH	锯齿波管乐	0	81
82	CALLIOPE	女神管乐	0	82
83	CHIFF	鸟鸣管乐	0	83
84	CHARANG	查兰管乐	0	84
85	VOICE LEAD	人声管乐	0	85
86	5TH LEAD	五度管乐	0	86
87	BASS LEAD	贝司管乐	0	87
SYNTH VOICE(合成音色)				
88	NEW AGE	幻想曲	0	88
89	WARM PAD	柔和曲	0	89
90	POLY SYNTH	多重音合成	0	90
91	CHOIR PAD	合唱	0	91

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
92	BOW GLASS	弓弦	0	92
93	METAL PAD	金属	0	93
94	HALO PAD	环形	0	94
95	SWEEP	刷擦	0	95
SYNTH EFFECT(合成效果)				
96	RAIN FX	雨声	0	96
97	SNDTRK FX	电影效果	0	97
98	CRYSTAL FX	水晶	0	98
99	ATMOSPH FX	天气	0	99
100	BRIGH FX	明亮	0	100
101	GOBLIN FX	精灵	0	101
102	ECHO FX	回响	0	102
103	SCI-FI FX	科幻声	0	103
FOLK SOUND(民族乐器)				
104	SITAR	西塔尔琴	0	104
105	BANJO	班卓琴	0	105
106	SHAMISEN	三味线	0	106
107	KOTO	日本古筝	0	107
108	KALIMBA	卡林巴	0	108
109	BAGPIPE	风笛	0	109
110	FIDDLE	费得里小提琴	0	110

编号	Instrument	乐器	Bank#(midi)	PC#(midi)
111	SHANAI	沙那	0	111
PERCUSSION(打击乐器)				
112	TINKLE BELL	脆铃	0	112
113	AGOGO	啊蝈蝈	0	113
114	STEEL DRM	金属鼓	0	114
115	WOODBLK	板木鼓	0	115
116	TAIKO DRM	日本鼓	0	116
117	MLDY TOM	美妙通鼓	0	117
118	SYNTH DRM	合成鼓	0	118
119	REVRS CYM	混响鼓	0	119
EFFECT(效果音色)				
120	GTR NOISE	弦码杂音	0	120
121	BREATH	呼吸声	0	121
122	SEASHORE	海浪声	0	122
123	BIRD TWEET	鸟鸣声	0	123
124	TELEPHONE	电话铃声	0	124
125	HELICOPTER	飞机声	0	125
126	APPLAUSE	喝彩声	0	126
127	GUNSHOT	枪声	0	127

MIDI control music list

note#	note	Ostand set	1Room set	2Power set	3Electri 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	Eleotry Kick2	Kick2
36	A1	Kick1	Kick1	Power Kick1	Eleotry 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	Eleotry 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	Eleotry Room Snare 1	Snare Drum1
41	D2	Low Tom2	Power Low Tom2	Power Low Tom2	Eleotry 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	Eleotry Low Tom1	Synth Low Tom1

note#	note	Ostand set	1Room set	2Power set	3Electri set	4Synth set
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	Eleotry 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	Eleotry Mid Tom1	Synth Mid Tom1
48	A2	High Tom2	Power High Tom2	Power High Tom2	Eleotry 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	Chinese Cymbal 1	Chinese Cymbal 1	Chinese Cymbal 1
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

note#	note	Ostand set	1Room set	2Power set	3Electri set	4Synth set
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

note#	note	Ostand set	1Room set	2Power set	3Electri set	4Synth set
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

Voice list

编号（Number)	Instrument	乐器
00	PIANO GRD	钢琴
01	PIANO BRITE	明亮钢琴
02	E PIANO1	电子钢琴1
03	E PIANO2	电子钢琴2
04	CHURCH ORG	管风琴
05	HARPSCRD	古钢琴
06	GTR NYLON	尼龙弦吉它
07	ACOU BASS	贝司
08	VIOLIN	小提琴
09	STRINGS	弦乐队

编号（Number)	Instrument	乐器
10	TRUMPET	小号
11	CLARINET	单簧管
12	FLUTE	长笛
13	SAX TENOR	萨克斯
14	VOICE LEAD	人声
15	SITAR SITAR	西塔尔琴
16	SHAMISEN	三味线
17	KALIMBA	卡林巴
打击乐		
00	Standard Drums	标准鼓组

Keyboard percussion music list

The front number is the pitch number,Not a program change number.

No.	Chinese	English
#35	大鼓	Acoustic Bass Drum
#36	低音大鼓 1	Bass Drum 1
#37	军鼓边击	Side Stick
#38	军鼓	Acoustic Snare
#39	拍手	Hand Clap
#40	电子军鼓	Electric Snare
#41	低音落地桶鼓	Low Floor Tom
#42	闭合击镲	Close Hi-Hat
#43	高音桶鼓	High Floor Tom
#44	踩镲	Pedal Hi-Hat
#45	低音桶鼓	Low Tom
#46	开启击镲	Open Hi-Hat
#47	中低音桶鼓	Low-Mid Tom
#48	中高音桶鼓	Hi-Mid Tom
#49	击钹 1	Crash Cymbal 1
#50	高音桶鼓	High Tom
#51	点钹 1	Ride Cymbal 1

No.	Chinese	English
#52	中国钹	Chinese Cymbal
#53	钟玲	Ride Bell
#54	手铃	Tambourine
#55	侧击钹	Splash Cymbal
#56	牛铃	Cowbell
#57	击钹 2	Crash Cymbal 2
#58	震击	Vibraslap
#59	点钹 2	Ride Cymbal2
#60	高音圆鼓	Hi Bongo
#61	低音圆鼓	Low Bongo
#62	闷音高音手鼓	Mute Hi Conga
#63	开音高音手鼓	Open Hi Conga
#64	低音手鼓	Low Conga
#65	高音小鼓	High Timbale
#66	低音小鼓	Low Timbale
#67	高音撞铃	High Agogo
#68	低音撞铃	Low Agogo

No.	Chinese	English
#69	沙锤	Cabasa
#70	气囊	Maracas
#71	短音口哨	Short Whistle
#72	长音口哨	Long Whistle

No.	Chinese	English
#73	短音刮板	Short Guiro
#74	长音刮板	Long Guiro
#75	击棒	Claves

Demo list

No.	Chinese	English
00	肖邦幻想即兴曲	Chopin Fantasy
01	AMS 摇滚	AMASON Rock
02	喷泉	Fountain
03	巴赫钢琴曲	Bach Piano
04	巴赫小步舞曲	Minuet Bach
05	爱的罗曼史	Love romance
06	四小天鹅	Four Cygnets
07	小狗圆舞曲	Puppy Wlatz
08	革命进行曲	CpnEtude

No.	Chinese	English
09	土耳其进行曲	Turkey March
10	肖邦练习曲	Chopin NO.6
11	小步舞曲	Minuet
12	土耳其进行曲MZT	Turkish March MZT
13	夜曲	Chopin Night
14	钢琴歌谣	Piano Ballad
15	拉格泰姆	Ragetime
16	紫竹调	Zi Zhu Diao
17	容易受伤的女人	Sad Perso

TOUCH RESPONSE	Graded Hammer Feeling, Advanced multi-layer dynamics curves sensor recognition processing skill, making your performance and expression more easily.		Easy to use Simple and Easy control panel.
CD STEREO SYSTEM	MAF Filter Technique (Original sound effect) can create simulated mechanical noise to imitate grand piano and upright piano.	Sample A Technique Harpsichord	Speaker system is designed according to CD System Technique Standard. The sound is clearer and has more layers. The sound effect is more shocking.
EASY	Spectral synthesis sampling technique can imitate traditional acoustic grand piano sound effect.	EFFECT	International top DSP processing skill, perfect combination of signal transmitting and post-production, makes your performance more pleasing to ear.

*The digital piano have 19 sounds, but you can connect with CP and do the MIDI compose production to achieve GM standard 128 sounds and help your composition.

Specification

Appearance: Portable digital piano, Touch screen control panel.
Keyboard: Dynamics touch grand response keyboard.
Sound source: European Spectral Composite techniques DSP chip. German famous Grand Piano sound sampling, String overtones resonance simulation sound technology.
Polyphony: 162 (Stereo)
Demo: 18 songs
Touch: Default, soft, Standard, Heavy, Off dynamic curve.
Sound: 19 types including 1set percussion music
Record: Record and replay, maximum notes for per composition is 12,000. MIDI Record supports 64 tracks, 16 channels. MIDI 0&1 format.
Sound Control: Grand piano tone, Double piano, Dual voice, Double Keyboard, 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.
Volume Control: Master volume, volume can be adjusted when you play in the evening.
Transposition: 25 gears, (0, -/+12)
Effect function: 64 reverb, 64 chorus
Metronome:1,2,3,4,5,6. Beat speed:20-280.
Interface: USB jack, pedal jack, Power jack, Headphone jack, Line IN/OUT, MIC jack, Midi jack.
USB Jack: USBMIDI PC Jack, Unlimited composition record storage, MIDI keyboard function, Composition, GM International Standard, System unlimited extension and upgrade
Bluetooth: Built-in Bluetooth.
Power: DC12V/2000mA, 10W*2
Dimension: 1250*290*90mm
Net weight: 7.2KG
Accessories: Power adapter, Guarantee card, Quality certificate, User manual, 1pedal, USB MIDI cable, Music stand.

Trouble shooting

Problem	Cause/Action
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.	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.

Problem	Cause/Action
When play the piano, the pitch is not in accordance with the keyboard.	You may activate the SPLIT mode function. Please turn off it.
Dynamics is not same as before.	There are 5 piano touch curve, Default, Soft, Standard, Heavy, off. You might choose the wrong dynamics. Please set the one you need.

FCC Caution.

(1)§ 15.19 Labelling requirements.

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.

§ 15.21 Changes or modification warning

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

§ 15.105 Information to the user.

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.

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