



# **ARK-336**

54key multi-function LED display keyboard

**USER MANUAL**



## CAUTION

The following requirements shall be observed to avoid hurting yourself or anybody else, as well as damaging of peripheral devices. The intentions will include (but not limited to) the followings.

### Caution

AC/DC adapter:

- Please use specified AC/DC Adapter, otherwise fault adapter may cause damage of your electronic keyboard.
- Do not place AC adapter or power cord near heating source such as central heating or heat radiator.
- Regularly check power plug and clean surface dirt. Do not pull out power plug with wet hand.
- Do not over bend wire and place heavy matters on wire or wind wire with other matters to avoid damaging wire.

Do not open the casing of electronic keyboard:

- Do not open the casing of electronic keyboard and try to disassemble any part of it, nor make any change to it. Should any abnormal function occur in use, please stop operating it immediately and send it for repair by qualified servicemen.

Location of placing electronic keyboard:

- Do not place the electronic keyboard in an environment of dusty, vibrating, low or high temperature (such as exposed to direct sunshine, near central heat or in the car exposed under sunshine) to avoid damaging appearance or internal part.
- Do not put the electronic keyboard in an unstable place to avoid falling. Do not put any vessel holding liquid on the electronic organ to avoid liquid flowing in it and impairing internal part.

Maintenance:

- To clean the body of the electronic keyboard, wipe it with dry soft cloth. Do not use paint, dope, organic solvent or chemically impregnated cloth.

Connection of peripheral device:


- In order to prevent speaker from damaging, please adjust the volume of peripheral device to the lowest and after music is gradually played, adjust to appropriate volume.

Caution in operation:

- Do not perform the organ with the loudest or uncomfortable volume to avoid decline in hearing.
- Do not place heavy matters on the electronic organ, nor press keyboard, switch and socket with heavy force.
- The package shall be opened by adult to avoid the danger of suffocating infant or children. Please properly store or dispose the plastic package after unpacking. The matters contained are not suitable for using by the children under 3 years old.

### Notice

- Specifications are subject to change without notice.
- Should any description of product function be not specified in detail or some typing error occur, please forgive us.
- What is displayed in LCD in this instruction is only for the purpose of explanation and may be different with actual display in your electronic organ.
- This company retains the right which needs to revise because of the duty and finally interpretation.
- Useing limited to the tropical regions.

 It can be only used in this area that their height above sea level is below 2000 meters.

 It can be only used in non tropical climate.

The power supply unit of network source should prevent from water-drop or water splash.

## Appendix V. Technical Specifications

### ■ DISPLAY

- LED Display

### ■ Voice

- 300 kinds of voice

### ■ Style

- 300 kinds of style

### ■ Demo

- 50 demo songs

### ■ Effect control

- Keyboard drum, sustain, vibrato, keyboard split, transpose, tune, metronome

### ■ Record program

- Record, play, program

### ■ Percussion

- 8 kinds of panel percussion

### ■ Style control

- Start/stop, sync, fill in, tempo control

### ■ Chord control

- Single chord, finger chord, chord clear

### ■ Intelligent tutoring

- Demo one, demo all, A/B two kinds of teaching function

### ■ Other control

- Power switch, master volume, accomp volume

### ■ External jack

- DC9V power input, microphone output, L&G channel audio output

### ■ Diapason

- C2-F6

### ■ Accuracy in musical tuning

- $\leq 5$ cent

### ■ Specifications

- 850x330x120 (mm)

### ■ Weight

- 5.4Kg

### ■ Adapter

- DC9V  $\leq 500$ mA

### ■ Quiescent current

- 100mA

### ■ Parts

- Adapter, music stand, manual

## Appendix IV. Trouble and exclude

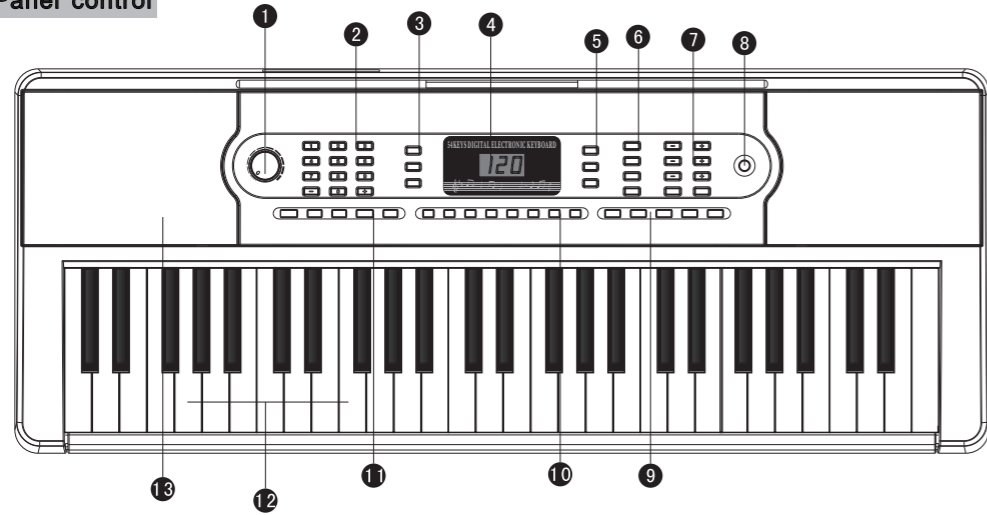
Faults	Possible causes/resolution
When you turn on the keyboard, it will be some noise.	Do not worry, it's the normal phenomenon.
When turn on the power switch, play with the keyboard, it's no voice at all.	Check the main volume button if it is in the proper position and headphone jack was connected with other equipments, so that the built-in speaker system cut off.
Distortion sound or interruption, or even can not work at all.	Use unqualified power adapter or the electric power of the battery is not enough, pls use the power adapter that equipped with this keyboard or replace the batteries.
The note and the timbre of the note has the slight difference in a tone.	This is normal phenomenon caused by different tone sample diapason.
When use the function of sustain, some tone has long sustain but some has short sustain.	This is normal phenomenon because the best length of the sustain of the different tone has been set.
The main volume and the accompaniment volume is abnormal.	Check the main volume and the accompaniment volume are set at the proper position.
In sync function, but the auto accompaniment does not work.	Check whether single chord or finger chord were set. At this saturation, play 19 keys in the left of the keyboard.
When use the external adapter, put on the power switch, no sound, LCD or LED no display.	Check whether power socket has the electricity, and the power adapter was well inserted, the power jack has the poor contact or the voltage is not enough.
When use the batteries, the keyboard is no sound when put on LED/LCD has no display.	Check whether batteries polarity was correct and the batteries has run out.
The pitch of note is not correct.	Check whether the parameter of transposes is "00".
When use the mobile phone, the keyboard has the noise.	Mobile phone can disturb the keyboard, to avoid the noise, pls turn off the phone or use it in far place.

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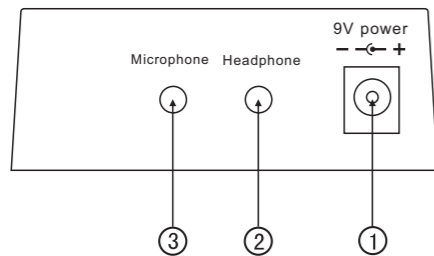
# Panel control and external function

## Panel control



- 1. Master volume
- 2. Digit key 1-9/+, -
- 3. Voice/style/chord clear
- 4. LED display
- 5. Record/program/play
- 6. Keyboard drum/sustain/vibrato/keyboard split
- 7. Accomp volume±/tempo±/tune±/transpose±
- 8. Power
- 9. Metronome/teaching A/teaching B/demo all/demo one
- 10. Panel percussion
- 11. Start/stop/sync/fill in/single chord/finger chord
- 12. Chorde area
- 13. Loudspeaker

## External Function



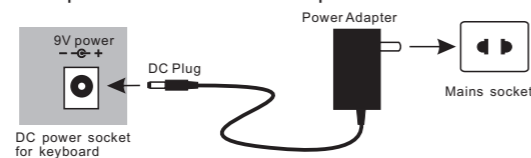
- 1. DC 9V power input
- 2. headphone output
- 3. microphone jack

## Prepare to play

### Power requirement

#### 1. Use of AC-DC power adapter:

Please use the special AC-DC power adapter provided with this electronic organ or the power adapter with 9V DC output ≤500mA output current and with central anode. Connect the DC plug of power adapter into the DC 9V power socket in the rear of electronic organ, then connect the other end into the main socket (see that the input voltage of power adapter conform to the voltage of electric supply), finally turn on power switch and start performance.



# Appendix III. The table of demo

No.	The name of song	No.	The name of song	No.	The name of song
00	London Bridge Is Falling Down	17	Hand in hand	34	Prom queen
01	Fantasy	18	Two hundred and fourteen	35	Ni Mengruoze
02	The twist	19	Fkey	36	Nen blauen Donau
03	Butter fly	20	Mozart Symphonies	37	Hawthorn
04	Paddle a canoe	21	The girl's Prayer	38	Mary had a little lamb
05	Country songs	22	Nocturne	39	Yellow ribbon
06	Rhythm of the rain	23	Another day in paradise	40	Toreador Song
07	Serenade	24	Red River Valley	41	Radetzky march
08	Bluegrass Music	25	Green sleeves	42	Radiant
09	Music moment	26	Mozart Piano Sonatas	43	Long Long Ago
10	Merry Christmas	27	Orange and lemon	44	Katyusha
11	American Patrol	28	Hallelujah	45	Susanna
12	Flower	29	Minuet	46	Little star
13	Pour Elise	30	Handshake	47	I Don't Care
14	Direct seeding	31	Rain	48	Minuet in G major
15	Turkey March	32	Pamela	49	Carman Overture
16	A cradle	33	Bnnie Edgar		



## Appendix II.The table of style

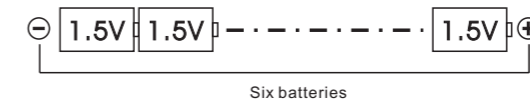
No.	Name of rhythm	No.	Name of rhythm	No.	Name of rhythm	No.	Name of rhythm	No.	Name of rhythm
00	Beat 1	60	Country3	120	India samba1	180	Jump Blues	240	Western Swing
01	Beat 2	61	Country4	121	India samba2	181	New Orleans Blues	241	Alt-Country
02	Beat 3	62	Country waltz1	122	Jazz soul	182	New York Blues	242	Americana
03	Beat 4	63	Country waltz2	123	Country swing1	183	Piano Blues	243	Charanga
04	Beat 5	64	Country5	124	Country swing2	184	Soul Blues	244	Tropical
05	Beat 6	65	Country6	125	Country swing3	185	Urban Blues	245	Ambient
06	Beat 7	66	Country7	126	Pop waltz	186	Afro Beat	246	Punk Metal
07	Beat 8	67	Slow country1	127	Pop classic	187	Afro Pop	247	Experimental Rock
08	Beat 9	68	Slow country2	128	OrientalBeat1	188	Celtic Pop	248	Noise-Rock
09	Beat 10	69	Soul country	129	OrientalBeat2	189	Hawaiian Pop	249	Celtic New Age
10	Beat 11	70	Baiao	130	OrientalBeat3	190	Indian Pop	250	Ethnic Fusion
11	Beat 12	71	Bequine	131	OrientalBeat4	191	European Traditions	251	Techno-Tribal
12	Beat 13	72	Bolero	132	OrientalBeat5	192	World Fusion	252	Experimental
13	Beat 14	73	Bossanova	133	OrientalBeat6	193	Dou Jin	253	Minimalism
14	Rock 1	74	Lambada	134	OrientalBeat7	194	Shima Uta	254	Traditional Pop
15	Rock 2	75	Mambo	135	OrientalBeat8	195	Enka	255	Noise
16	Cntr Rock	76	Samba	136	OrientalBeat9	196	Japanese Folk Music	256	Classical beat1
17	Country Rock	77	Reggae	137	OrientalBeat10	197	Middle East Pop	257	Classical beat2
18	Dance Rock	78	Rhumba	138	OrientalBeat11	198	Pop baiao	258	Classical beat3
19	Easy Rock	79	Tango	139	OrientalBeat12	199	Pop bequine	259	Classical beat4
20	Glam Rock	80	Habanera	140	OrientalBeat13	200	New Age Latin	260	Classical beat5
21	Hard Rock1	81	March1	141	OrientalBeat14	201	New bossanova	261	Classical beat6
22	Hard Rock2	82	March2	142	Jazz Rock1	202	Rock lambada	262	Classical beat7
23	Pop Rock	83	Polka1	143	Jazz Rock2	203	Bluse mambo	263	Classical beat8
24	Rock+Roll	84	Polka2	144	Soft Rock	204	Pop samba	264	Classical beat9
25	Rock Beat	85	Polka3	145	Classic Rock	205	Reggae Ballad	265	Classical beat10
26	Rock Folk	86	Vallenato	146	Folkrock1	206	Pop Rhumba	266	Classical beat11
27	Rocky Pop	87	Waltz1	147	Folkrock2	207	Rock Tango	267	Classical beat12
28	Dance 1	88	Waltz2	148	Waltz Rock	208	Britpop1	268	Classical beat13
29	Dance 2	89	Waltz3	149	Heavy metal rock1	209	Britpop2	269	Classical beat14
30	Dance 3	90	Pop	150	Heavy metal rock2	210	Britpop3	270	Contemporary R&b1
31	Dance 4	91	Love ballad	151	70' Rock	211	Britpop4	271	Contemporary R&b2
32	Dance 5	92	Easy Beat	152	80' Rock	212	Trip Hop1	272	Contemporary R&b3
33	Dance 6	93	Soft Beat	153	Middle Eastern rock	213	Trip Hop2	273	Contemporary R&b4
34	Dance 7	94	Shuffle	154	Traditional Rock	214	Chamber pop	274	Contemporary R&b5
35	Dance 8	95	Cobmo	155	Rock Disco	215	Britpopwaltz1	275	Deep Funk
36	Dance 9	96	Shuffle1	156	Modern dance1	216	Britpopwaltz2	276	Doo Wop
37	Dance 10	97	Shuffle2	157	Modern dance2	217	Britpopwaltz3	277	Left-Field Hip-Hop
38	Soul funk	98	Slow folk	158	Modern dance3	218	Classical ballad1	278	Motown
39	Euro soul	99	Step	159	Modern dance4	219	Classical ballad2	279	Neo-Soul1
40	Funky soul1	100	Euro pop	160	Modern dance5	220	Light Ballad	280	Neo-Soul2
41	Funky soul2	101	Bachata beat1	161	New century1	221	Rhythm Ballad	281	Neo-Soul3
42	Funky soul3	102	Bachata beat2	162	New century2	222	Hard House	282	New Jack Swing
43	Funky soul4	103	Africa bossanova	163	New century3	223	Deep House	283	Urban
44	Funky soul5	104	China dance	164	RockDance1	224	Acid House	284	Contemporary Instrumental
45	Slow soul1	105	Pop beat	165	RockDance2	225	Progressive House	285	Meditation
46	Slow soul2	106	Vienna waltz	166	Psyche delic 1	226	Epic House	286	Neo-Classical1
47	Soul	107	Africa beat	167	Psyche delic 2	227	Trible House	287	Neo-Classical2
48	big band1	108	Africa mambo	168	Soft Rock	228	Big Beat	288	Neo-Classical3
49	big band2	109	Euro march1	169	Post Rock	229	Down tempo	289	New Acoustic
50	blue grass	110	Euro march2	170	Goth Psychedelic ic	230	Electro1	290	Solo Instrumental
51	jazz samba	111	Euro merengue1	171	Soul Psychedelic 1	231	Electro2	291	Space
52	jazz waltz	112	Euro merengue2	172	Soul Psychedelic 2	232	Electro3	292	Spiritual
53	Jazz1	113	Middle East dance	173	Soul Psychedelic 3	233	House dance	293	Rock New Age
54	Jazz2	114	Africa dance	174	Soul Psychedelic 4	234	Idm	294	Ragtime
55	Swing1	115	Pop samba1	175	Soul Psychedelic 1	235	Jungle Drum	295	Bebop or Bop
56	Swing2	116	Pop samba2	176	Country Blues	236	Techno	296	Cool jazz
57	Swing3	117	Africa reggae	177	Electric Blues	237	Trance	297	Free jazz
58	Country1	118	Euro rhumba1	178	Folk Blues	238	Trip-Hop	298	Jazz-Rock & Fusion
59	Country2	119	Euro rhumba2	179	Jazz Blues	239	Experimental Electronic	299	Jazz Funk

## Prepare to play

Cation:When you do not use this electronic organ for a long term,you should pull out the plug of power adapter from main socket safely to avoid possible causing trouble of part or other accident in long-term charging.

## 2. battery

Open the battery lid in the bottom of electronic organ and load six 1.5V size D batteries, ensuring the polarity should conform to the direction marked on battery lid.Replace the lid after loading batteries.



Cation:Do not use batteries of different kinds and mix new and old batteries.Low batteries will cause low volume or poor timbre and replace batteries at that time.To avoid possible damage caused by battery liquid leakage,please take out batteries if you will not use the electronic organ for a long term.

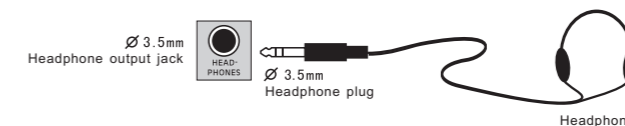
## Appendix socket

## 1.Use an external microphone

Use the microphone (plug size3.5mm) insert the microphone interface.

## 2.Headphone

Put headphones plug into the headphone jack on the back of the keyboard,At this time ,the keyboard will automatically cut off the internal speaker.use the headphone can avoid to interfere with others,Especially for personal and night exercises.



Notice: all of the appendix equipment is not included by keyboard, you should buy by yourself, pls understanding.

## Basic operation

### Basic operation

#### 1. turn on the power:

Connect with the correct installation of the AC power adapter or battery connection, press the "power switch" button to turn on the power, press again. The key is up, the power is turned off the electronic organ



#### 2. master volume control:

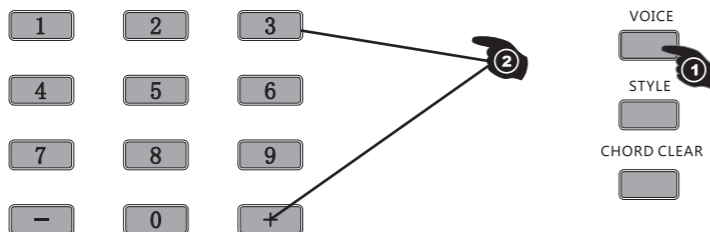
By turning the volume knob to adjust the volume level of the heart, clockwise turn up the volume, adjust the rotating in the counterclockwise direction Low volume, adjust the volume and volume changes.



### Voice

#### Voice selection:

There are 300 kinds of voice. The default state is "voice", if the current state is not voice, you need to press the "voice" button. Can be entered directly by digital 0~9, or through the "+" button to select the tone.



### Effects and control

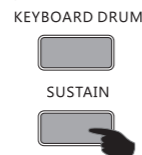
#### 1. keyboard drum:

Press the button "keyboard drum" to play for percussion keyboard. Each key on the keyboard corresponding to a percussion (54 black and the white keys corresponding to the 54 kinds of keyboard percussion). Repress the button to restore the original tone.



#### 2. sustain:

Press the "sustain" button to start the action. At this time by the black and white keys will be generated when the effect of extended play. Then click "sustain" Key, then exit the function.



## Appendix I. The table of voice

No.	Name of voice	No.	Name of voice	No.	Name of voice	No.	Name of voice	No.	Name of voice
00	Acoustic Grand Piano	60	French Horn	120	Guitar Fret Noise	180	Bright Violin	240	Psychedelic Synth Lead
01	Bright Acoustic Piano	61	Brass Section	121	Breath Noise	181	Stringed violin	241	Vibraphone Synth Lead
02	Electric Grand Piano	62	Synth Brass 1	122	Seashore	182	Trill violin	242	Marimba Synth Lead
03	Honky-tonk Piano	63	Synth Brass 2	123	Bird Tweet	183	Electronic violin	243	Metal FX
04	Rhodes Piano	64	Soprano Sax	124	Telephone Ring	184	Rock violin	244	Electronic FX
05	Chorused Piano	65	Alto Sax	125	Helicopter	185	Rhythm Orchestra	245	Electronic String Ensemble
06	Harpsichord	66	Tenor Sax	126	Applause	186	Pizzicato Violin	246	Wind FX
07	Clavichord	67	Baritone Sax	127	Gunshot	187	Pizzicato Ensemble 1	247	Clarinet FX
08	Celesta	68	Oboe	128	Percussion	188	Pizzicato Ensemble 2	248	Organ FX
09	Glockenspiel	69	English Horn	129	Rhythm electric Piano	189	Percussion band	249	Crystal FX
10	Music box	70	Bassoon	130	Baritone Xylophone	190	Baritone Synth Contrabass	250	Synth Shamisen
11	Vibraphone	71	Clarinet	131	Glass instrument	191	Bass Flute	251	Electronic Shamisen
12	Marimba	72	Piccolo	132	Bright Dulcimer	192	Distortion Contrabass	252	Bright Sitar
13	Xylophone	73	Flute	133	Rhythm Grand Piano	193	Contrabass Lead	253	Whistle Accord
14	Tubular Bells	74	Recorder	134	Traditional Piano	194	Violin Lead	254	rhythm Nation
15	Dulcimer	75	Pan Flute	135	Aluminium jean	195	Cello Lead	255	Bright Koto
16	Hammond Organ	76	Bottle Blow	136	Rock Grand Piano	196	Pizzicato rhythm	256	Koto Lead
17	Percussive Organ	77	Shakuhachi	137	Electronic organ	197	high Harp	257	Diplophonia Koto
18	Rock Organ	78	Whistle	138	Psychedelic electronic	198	Harp ensemble	258	Baritone Koto
19	Church Organ	79	Ocarina	139	Water jean	199	Synth Harp	259	Synth Koto
20	Reed Organ	80	Lead 1 (square)	140	Bright Guitar	200	Baritone Trumpet	260	Environmental Lead
21	Accordion	81	Lead 2 (sawtooth)	141	Orchestra piccolo	201	Trumpet ensemble	261	Metal Lead
22	Harmonica	82	Lead 3 (caliope lead)	142	Heavy metal guitar	202	Rhythm Trumpet	262	Orchestra Lead
23	Tango Accordion	83	Lead 4 (chiff lead)	143	Crystal guitar	203	High Trumpet	263	Glockenspiel Lead
24	Acoustic Guitar (nylon)	84	Lead 5 (charang)	144	Queer electric Piano	204	Synth Trumpet	264	Bass Lead
25	Acoustic Guitar (steel)	85	Lead 6 (voice)	145	Bright bass	205	Baritone Trombone	265	Fifths Lead
26	Electric Guitar (jazz)	86	Lead 7 (fifths)	146	Rock Electric Bass	206	Trombone ensemble	266	Wind Lead
27	Electric Guitar (clean)	87	Lead 8 (bass+lead)	147	Rhythm Electric Bass	207	Rhythm Trombone	267	Atmosphere Lead
28	Electric Guitar (muted)	88	Pad 1 (new age)	148	Psychedelic Bass	208	High Trombone	268	Sharp Lead
29	Overdriven Guitar	89	Pad 2 (warm)	149	Heavy metal bass	209	Mediant Trombone	269	Bright Lead
30	Distortion Guitar	90	Pad 3 (polysynth)	150	Magic electronic	210	Synth Trombone	270	East Nation Pad
31	Guitar Harmonics	91	Pad 4 (choir)	151	Bright violin	211	Violin French Horn	271	Atmosphere Pad
32	Acoustic Bass	92	Pad 5 (bowed)	152	Atonic violin	212	French Horn ensemble	272	Clear Pad
33	Electric Bass (finger)	93	Pad 6 (metallic)	153	Heavy bass orchestra	213	Electronic French Horn	273	Electric Piano Pad
34	Electric Bass (pick)	94	Pad 7 (halo)	154	Synth clarinet	214	Synth French Horn	274	Clean Guitar Pad
35	Fretless Bass	95	Pad 8 (sweep)	155	Interactive Lead	215	Psychedelic Synth Brass	275	Western Pad
36	Slap Bass 1	96	FX 1 (rain)	156	For the keyboard	216	Distortion Synth Brass	276	Sci-fi Pad
37	Slap Bass 2	97	FX 2 (soundtrack)	157	Bagpipes	217	Vibraphone Synth Brass	277	Metal Sci-fi Pad
38	Synth Bass 1	98	FX 3 (crystal)	158	Suona	218	Rock Synth Brass	278	Clarinet Pad
39	Synth Bass 2	99	FX 4 (atmosphere)	159	Pipa	219	Synth Muted Trumpet	279	Electronic dance Pad
40	Violin	100	FX 5 (brightness)	160	Church Piano	220	Soprano Sax ensemble	280	Psychedelic electronic
41	Viola	101	FX 6 (goblins)	161	Church electric Piano	221	rhythm Soprano Sax	281	Double Kalimba
42	Cello	102	FX 7 (echoes)	162	Synth Piano	222	Synth Soprano Sax	282	Bright Kalimba
43	Contrabass	103	FX 8 (sci-fi)	163	Baritone Piano	223	National Sax	283	Crystal Kalimba
44	Tremolo Strings	104	Sitar	164	Piano PAD	224	Metal Sax	284	Synth Kalimba
45	Pizzicato Strings	105	Banjo	165	String Piano	225	Baritone Sax ensemble	285	Wind Bagpipe
46	Orchestral Harp	106	Shamisen	166	Metal Piano	226	Crystal Sax	286	high Bagpipe
47	Timpani	107	Koto	167	Light rhythm Piano	227	Soft Baritone Sax	287	Orchestra Bagpipe
48	String Ensemble 1	108	Kalimba	168	electric Piano Pad	228	Synth Baritone Sax	288	Bright Bagpipe
49	String Ensemble 2	109	Bagpipe	169	Classical piano	229	Heavy metal Sax	289	Baritone Bagpipe
50	Synth Strings 1	110	Fiddle	170	Guitar organ	230	Church Oboe	290	Slap Bagpipe
51	Synth Strings 2	111	Shanai	171	An electric guitar	231	Bass Oboe	291	Environmental Shanai
52	Choir Aahs	112	Tinkle Bell	172	synthesis Nylon Guitar	232	Bright Oboe	292	Mediant Shanai
53	Voice Oohs	113	Agogo	173	Synthetic electronic guitar	233	Bright Oboe	293	Baritone Shanai
54	Synth Voice	114	Steel Drums	174	Bright clean Guitar	234	Distortio oboe	294	Synth Shanai
55	Orchestra Hit	115	Woodblock	175	Orchestra Guitar	235	English Horn ensemble	295	high Shanai
56	Trumpet	116	Taiko Drum	176	Psychedelic Guitar	236	Pizzicato English Horn	296	Bright Steel Drums
57	Trombone	117	Melodic Tom	177	Bright organ	237	Diplophonia English Horn	297	Lyric Steel Drums
58	Tuba	118	Synth Drum	178	Pick organ	238	Bright English Horn	298	Orchestra Steel Drums
59	Muted Trumpet	119	Reverse Cymbal	179	Synth accordion	239	Synth English Horn	299	Synth Steel Drums

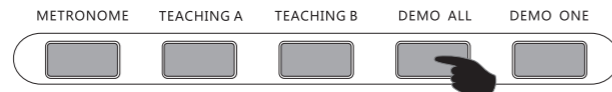
## Basic operation

3. Press the "program" button, enter the style programming mode. By pressing the 8 percussion / keyboard editing a style, can record up to 32 drums. press the play button to play when complete the edit. For a new style can adjusting by the speed of "+ / -" to achieve the best effect of the style. Each time you press the button, will remove the last memory and return to the programming mode.



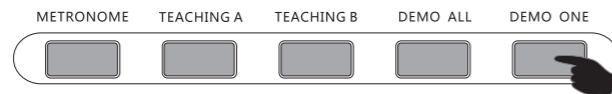
### Demo all

Press the "demo all" even sing every song to play from the first song, and will automatically play all songs. press again to stop.



### Demo one

Press the "demo one" to sing songs, and will automatically play next song, then press to stop. Repeated pressing into the next songs.



### Teaching function

Press the "teaching A" or "teaching B" to enter the teaching function then press the number keys or the "+/-" button to select different teaching Songs. repress to exit. The function of "teaching A": both learning to play correct or not, can send out the right sound, and continue to play the song.



"Teaching B": follow the display according to the correct notes, play to automatically enter the next note.



### Automatic power off function

Within five minutes without any operation, the system will be shuts off. Press any keys to recovery

## Basic operation

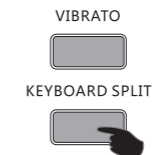
### 3. Vibrato

Press the "vibrato" button to start the function. At this time play the black and white keys to play will be generated when the jitter effect, then press again to exit this function.



### 4. keyboard split:

For normal state, press "keyboard split" to enter the double keyboard mode, began to separate into two from .24 keys on the left separate keyboard to adjust the voice, press the number keys on the right side of the keyboard, 24 keys on the left is the preset voice.



### 5. tempo:

Press "+/-" button, the tempo can be adjusted for style, metronome, demo the total of 210 segments, the adjusting range from 30 to 240. At the same time, press the "+/-" button, to restore the default value of 120.



### 6. transpose:

Press the transpose "+/-" button, can use the black and white keys corresponding to the playing time scale up or down a tone, to up or down regulated + 6 level. At the same time, press again for automatically return to the default keyboard tone.



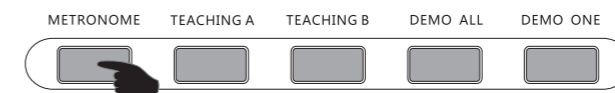
### 7. tune

Press the tune "+/-" button, the Fine tuning the control can be adjusted between plus or minus 99. press the tuning key, it can increase or decrease, can also return to the preset value



### 8. metronome:

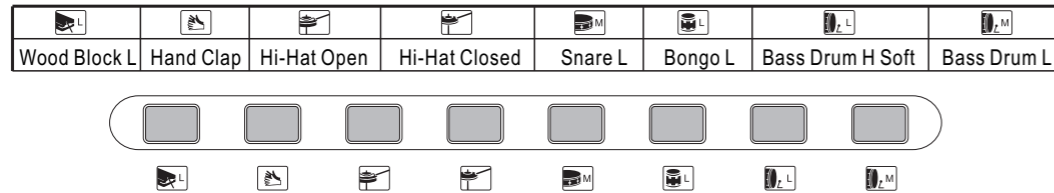
Press the button of "metronome", there are 4 kinds of choices will join the metronome effect. Each time you press the button: 1/4 film, 2/4 film, 3/4 film, 4/4 film; if the current display speed, press the button to exit the function.



## Basic operation

### 9. panel percussion:

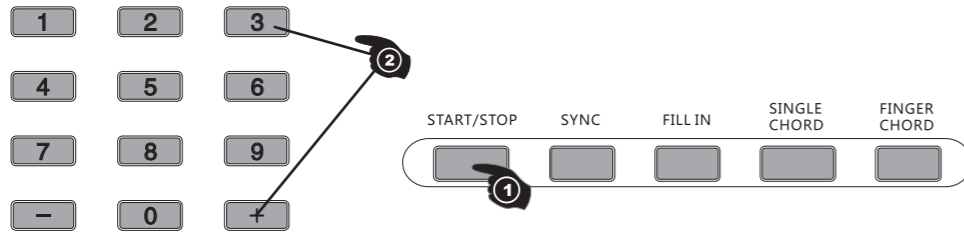
Press the panel percussion (a total of eight kinds of panel percussion), in response to the percussion performer, according to need to insert the corresponding percussion instruments to increase the performance effect.



### Style and style-related functions

#### 1.start/stop:

There are 300 kinds of style for choose from. style comparison table to see Appendix table. Press the "start /stop"button to selection. The LED displays show the current number of style, press 0 ~ 9 button or "+ / -" button for select .



#### 2.sync:

Press "sync" to open the sync accompaniment function, press the 19 keys on the left sync starting style; if the chord function have been start,press this 19 key automatic chord will start simultaneously. if the style is playing,Press this button to stop the style, and open the sync accompaniment function. If you have to start sync function, press this button to exit .



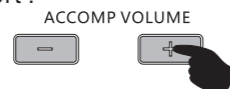
#### 3.fill in :

When style is playing, press the "fill in " can insert a bridge to enhance performance, and then continue to the original tempo.



#### 4.accomp volume:

We have a total of 8 levels style accompaniment volume , the system default is 06, by pressing "+ / -" key accompaniment volume can be adjusted. For adjusting, LED has a corresponding display. At the same time, press the "+ / -" accompaniment volume button, the system will automatically revert .

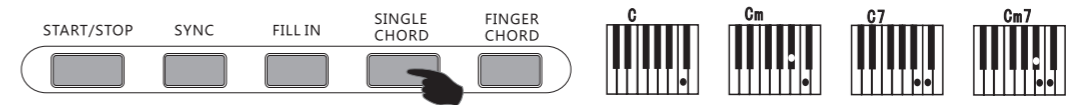


## Basic operation

### Chord accompaniment

#### 1. single chord:

When the style has been launched , press the "single chord", into a single automatic chord function, at this chord key 1-19 key, press the different fingering, you can hear a different chord accompaniment.Press the "start / stop" to exit.



#### 2. finger chord:

When the style has been launched , press the "finger chord", into a finger automatic chord function, at this chord key 1-19 key, press the different fingering, you can hear a different chord accompaniment.Press the "start / stop" to exit.



#### 3. chord clear:

After start of the chord ,press "chord clear"the sound of chord accompaniment stop, and continue to play style.



### Recording function

1.Press "record", enter the recording mode, press any key to start recording.The maximum record tone numbers 48,when shows FUL recorded , will not be able to continue to record the next note. Recording mode, press the keys will be clear in addition to the last memory and re record.



2.Press the "play" button, you can play the recorded music.

