♫ ARK-2171

61-Key Professional Performance
◀ LCD Electronic Keyboard ▶

Operation Instruction

- 61 key standard keyboard with touch
- Large Screen backlight LCD displaying
- 128 kinds of standard tone
- 128 kinds of world popular rhythm
- Demo
- 61 pcs of keyboard percussion and 8 pcs of panel percussion
- Dual voice function performs two kinds of tone at the same time
- Single finger,fingered,comprehensive chord
- Real-time recording and rhythm programming function
- Teaching and one key intelligent teaching function
- 3 groups of state memory to be tuned out for use flexibly in performance
- Sustain and vibrato function
- Sync and Fill-In function
- Pitch Bend Function,MIDI out

Note:Please read this cautions carefully before use.

Be sure to obey the following cautions so as not to harm yourself or others and damage this instrument or other external equipments.These cautions include (but are not limited to) the following:
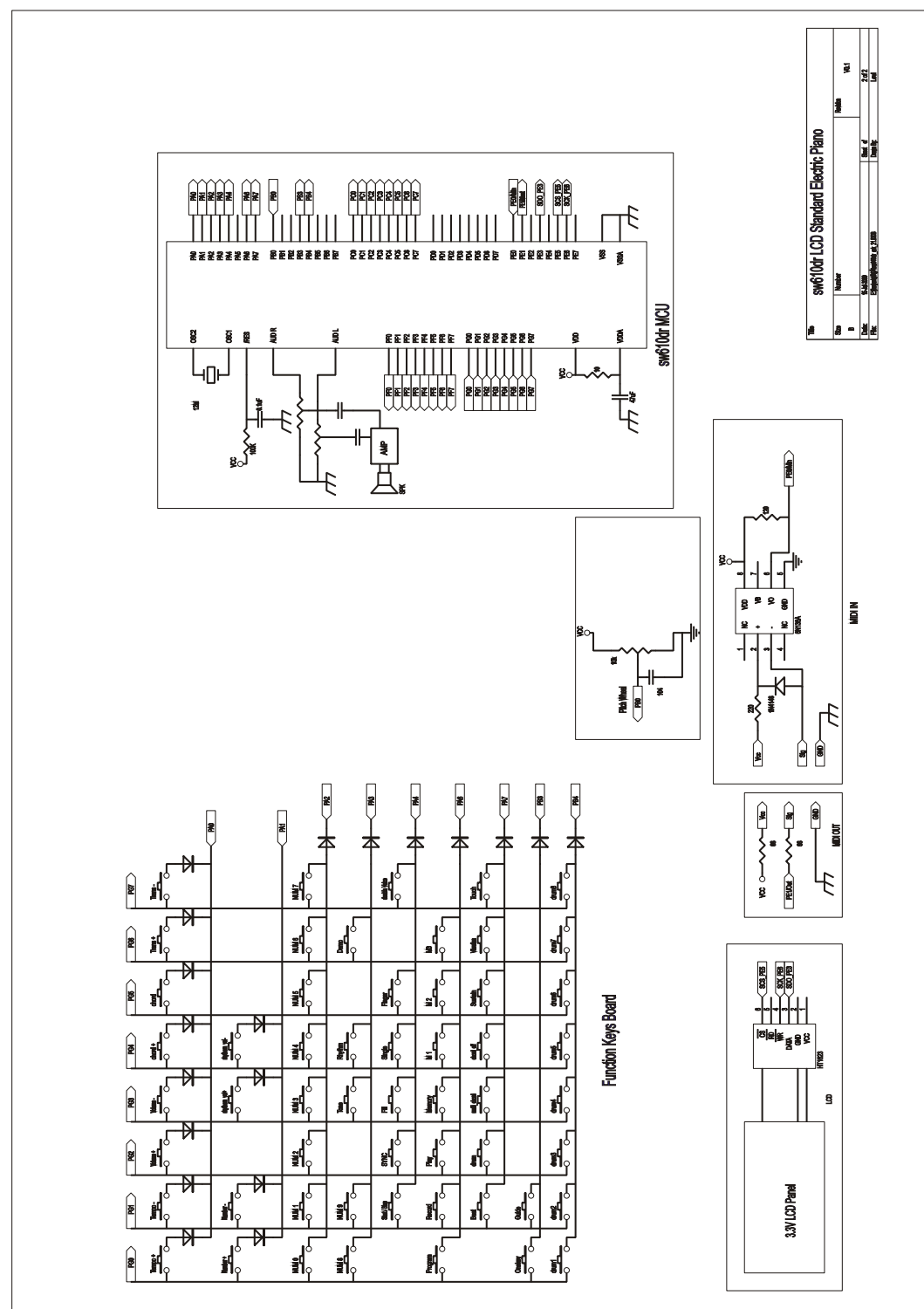
1. Do not open the casing of the electronic keyboard and try to disassemble any parts of it,or make any change to the inside.There is the abnormal function in use,please stop operating it and send it for overhauling by qualified serviceman.

2. Keep the electronic keyboard from rain and do not use it near water or in wet condition. Do not place the vessel that holds liquid on the electronic keyboard for fear that the liquid flows into the electronic keyboard and impairs the internal parts.

3. Better use the specified voltage(220V,50HZ),the wrong voltage can cause the damage, overheating and voice change of the electronic keyboard.

4. Please unplug the power plug before cleaning the body of the electronic keyboard.Do not insert or unplug the power plug with wet hand.

5. Check the power plug regularly and clear out the dirt that piles up on it.

6. Do not place the power adaptor or power cord near heating source such as central heating or heat radiator.Do not overbend wire and place heavey objects on wire.Do not place the wire on the routeway,do not wind other objects with wire to avoid damaging wire.

7. You should hold the plug and you shouldn't pull the power cord when you unplug the power plug.

8. Do not insert the power plug of the electronic keyboard in multi-purpose terminal board to avoid the socket overheating.

9. When you do not use the electronic keyboard for a long time or in the thunder state,you should turn off the power and unplug the power adaptor or power cord.

10. You should turn off all the power before connecting the electronic keyboard with other electric appliances.You should adjust all the volume potentionmeters or+/-Buttons to the lowest position before you turn on and turn off these electric appliances.

11. Do not place the electronic keyboard in dusty,vibrating,cold or high-temperature environment (such as the place where the sunshine shines directly,the neighbouring place of the central heat or the car in the sunshine) to avoid damaging appearance or internal parts.

12. Do not place the electronic keyboard in an unstable place to avoid falling and damaging.

13. To clean the electronic keyboard,wipe it with dry and soft cloth.Do not use paint dope, organic solvent or chemically impregnated cloth to wipe it.Do not put the vinyl plastics products on the electronic keyboard to avoid the fading of the panel and keyboard.

14. Do not sit on the electronic keyboard or place heavy objects on it.

15. Do not perform the keyboard with the loudest or uncomfortable volume for a long time to avoid hearing decline.

16. Please throw away the plastic bag or keep it away from the infant or children after diassembling to avoid the danger of suffocating infant or children.

17. The keyboard can be used after the package was disassembled by adult

18. The inner small objects in the packing are not suitable for use of the children under 3 years old.

Carried Standard	GB8898-2011 GB17625. 1-2012 GB13837-2012
Keyboard	61 key standard piano keyboard with touch
Displaying	Backlight LCD displaying
Tone	128 kinds of standard tone
Rhythm	128 kinds of world well-chosen auto accompaniment
Demo	30 pcs of Demo
Effecr control	Vibrato,sustain,pitch bend,transpose,touch,dual voice
Recording	Recording,playback,the real-time recording function of the 240pcs of tone
Programming	Rhythm programming function
State Memory	3pcs of state store memory,which can set the state of the tone, rhythm, tempo for use.
Percussion	61kinds of keyboard percussion,8 kinds of panel percussion
Accompaniment control	Star/Stop,Sync,Fill-In
Chord control	Chord close,single finger,fingered,comprehensive chord
Intelligent Teaching	Demo,One Key Teaching,Teaching
Other Control	Power Switch,Volume Control,Keyboard percussion,Tempo,Metronome
External Jacks	Power Jack,Headphone Jack,Left and Right Sound Track out,MIDI out
Diapason	C2~C7
Intonation	<=6 cent
Specifications	955x380x135mm
Weight	5 KGS
Power Adaptor	AC220V,DC12V
DC Input	DC12V
Output power	6Wx2
Quiescent current	110mA

ARK-2171 Table of Contents

1.Front panel control

1.Power Swith Button
2.Master Volume Button
3.Rhythm Volume Button
4.Chord Volume Button
5.Tempo Button
6.Transpose Buttion
7.Metronome Button
8.Dual Voice Button
9.Comprehensive Chord Button
10.Chord Close Button

11.Single Finger Button
12.Fingered Button
13.Touch Button
14.Sustain Button
15.Vibrato Button
16.Keyboard Percussion Button
17.Tone Button
18. Rhythm Button
19.Number Button
20.Program/Record/ Playback Button

21. Memory Button
22. Panel Percussion Button
23. Start/Stop Button
24. Sync Button
25. Fill-In Button
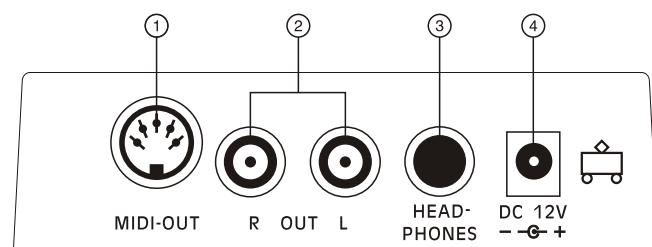26. Teaching Button
27. One Key Teaching Button
28. Demo Button
29. Pitch Bend knob
30. Chord Keyboard Area
31. Speaker

2.Rear External Jacks

1.MIDI output jack
2.Left and right sound track audio out jack
3.Headphone out jack
4.DC12V input jack

| Trouble	Possible Reason/Resolution
There is a little noise when turn on or turn off the power	Normal phenomenon,please don't worry.
There was no sound when you pressed the keyboard after the power was on.	Check whether the master volume button was set at proper position or headphone out jack was connected with other equipments so that the built-in speaker system cutted off automatically.
Sound distortion or interruption,seriously, the electronic keyboard cann't work	Used unqualified power adaptor or the electric power of the battery isn't enough.Please use the power adaptor was equipped with this electronic 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 voice sampling diapason.
When you use sustain function,some tone has the long sustain but some has the short sustain	This is normal phenomenon because the best length of the sustain of different tone has been set.
The overall volume or the accompaniment volume is abnormal.	Check whether master volume control and accompaniment volume control are set proper position.
In Sync status,auto accompaniment doesn't work	Check whether Single Finger or Fingered was set.Now play a note at left-hand keyboard area(19 keys in the left of keyboard).
When use mobile phone,the electronic keyboard has the noise.	Mobile phone can disturb the electronic keyboard.To avoid the noise,please turn off the mobile phone or use it in far place.
When use the external power,there was no sound when the electronic keyboard was open.LCD didn't display anything.	Check whether power socket has the electricity,the power adaptor was well insertted,the power jack has the poor contact or the voltage isn't enough.
When use batteries,there was no sound when the electronic keyboard was open, the LCD didn't display anything.	Check whether batteries polarity was correct and batteries have been run out.
The pitch of nore is not correct.	Check wherher the parameter of Transpose is '00'.
In the ensemble of the electronic keyboard with the band,the pitch of the electronic keyboard has the deviation with other musical instruments	Check whether the parameter of Transpose is "00" or adjust the Transpose function as to thepitch of the electronic keyboard can be identical with the band.

Appendix IV.Table of Demo

00	For Elise	10	American patrol	20	Green Sleeves
01	Lardesik March	11	Hungary Dance	21	Little White Boat
02	Mozart Piano Sinata	12	Concerto Of Love	22	Fantasy march
03	Symphony Of Carmen	13	Cai Yun ZhuiYue	23	Hawthorn
04	Turkey March	14	My Sun	24	Susanna
05	Clapping song	15	River Of Babylon	25	Katyusha
06	Blue Danube	16	Mozart No.40	26	Canon
07	Destiny	17	Music Box	27	A small brown bottle
08	Mariage d'amour	18	RedRiver	28	Jingle Beus
09	Spanish Matador	19	Dancer	29	Wiegenlied

Appendix V.Table of Keyboard Percussion

| No.	Notes	Symbol	Percussion name	No.	Notes	Symbol	Percussion name
01	C1		Click (Square Wave)	32	G3		Splash Cymbal
02	C#1		Brush Tap	33	G#3		Cowbell
03	D1		Brush Swirl	34	A3		Crash Cymbal 2
04	D#1		Brush Slap	35	A#3		Vibraslap
05	E1		Brush Swir1 W/Arttack	36	B3		Ride Cymbal 2
06	F1		Snare Roll	37	C4		Bongo H
07	F#1		Castanet	38	C#1		Bongo L
08	G1		Snare H Soft	39	D4		Conga H Mute
09	G#1		Sticks	40	D#4		Conga H Open
10	A1		Bass Drum H Soft	41	E4		Conga L
11	A#1		Open Rim Shot	42	F4		Timbale H
12	B1		Bass Drum L	43	F#4		Timbale L
13	C2		Bass Drum H Hard	44	G4		Agogo H
14	C#2		Closed Rim Shot	45	G#4		Agogo L
15	D2		Snare L	46	A4		Cabasa
16	D#2		Hand Clap	47	A#4		Maracas
17	E2		Snare H Hard	48	B4		Samba Whistle H
18	F2		Floor Tom L	49	C5		Samba Whistle L
19	F#2		Hi-Hat Closed	50	C#5		Guiro Short
20	G2		Floor Tom H	51	D5		Guiro Long
21	G#2		Hi-Hat Pesal	52	D#5		Claves
22	A2		Low Tom	53	E5		Wood Block H
23	A#2		Hi-Hat Open	54	F5		Wood Block L
24	B2		Mid Tom L	55	F#5		Cuica Mute
25	C3		Mid tom H	56	G5		Cuica Open
26	C#3		Crash Cymbal 1	57	G#5		Triangle Mute
27	D3		High Tom	58	A5		Triangle Open
28	D#3		Ride Cymbal 1	59	A#5		Shaker
29	E3		Chinese Cymbal	60	B5		Jingle Bell
30	F3		Ride Cymbal Cup	61	C6		Bell Tree
31	F#3		Tambourine				

1.Use AC-DC Power Adaptor

Please use the special AC/DC power adaptor which was equipped with this electronic keyboard or the power adaptor withDC12V voltage out and 500mA current out and with central anode plug. Insert the DC plug of power adaptorinto the DC12V power socket in panel of the rear of the electronic keyboard,then,insert the other end into Mains jack(Please notice:the input voltage of power adaptor must conform to the voltage of Mains),finally turn on power switch and start performance.

Power adaptor
DC plug
Mains socket
DC power jack of electronic Keyboard
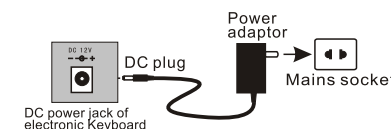
Caution: When you do not use this electronic keyboard,you should unplug the plug of power adaptor from power socket safely to avoid the parts trouble or other accident for long-term charging.

2.Use of Batteries

Install batteries firstly,Open the battery lid at the bottom of the electronic keyboard and load 8 pcs of 1.5V Size D batteries(SUM-1,R20 or equivalent).Ensure the polarity of the batteries should conform to the anode and cathode direction of batteries marked on battery lid.Cover the battery lid after the installation.Finally turn on power switch and start performance.

1.5V 1.5V 1.5V
Eight batteries altogether
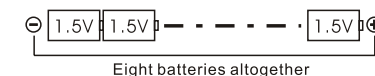
Caution: The battery voltage will go down to a certain range when the electrical quantity of the batteries isn't enough.This phenomenon will cause some abnormal situation.Such as the electronic keyboard cann't sound normally,the LCD display screen is bleak,the information displays in disorder,you should replace a new group of batteries.

Do not use different kinds of batteries at the same time and mix new and old batteries for use.Please take out the batteries as to avoid the possible damage caused by the batteries leakage if you don't use the electric keyboard for a long time.
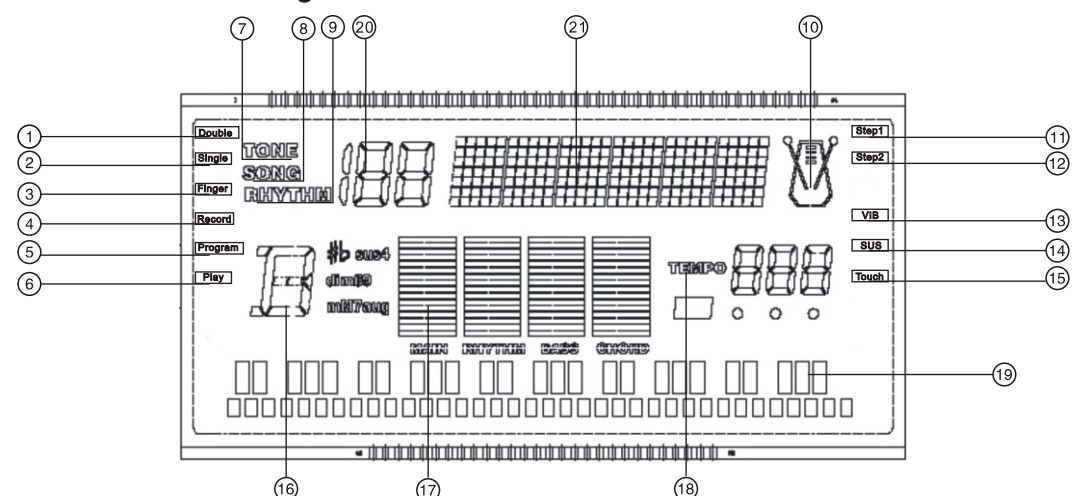
3.Use of Headphone

Insert headphone plug into"HEADPHONE" jack in the rear of the electronic keyboard. Now the internal speaker system of the electronic keyboard cuts off automatically. Use of headphone during performance doesn't interfere with others.It is special for personal monitor and exercising at night.

4.Connection with Amplifier or Hi-Fi Equipment

This electronic keyboard has built-in speaker system.Alternatively,it can be connected with other external amplifier or hi-fi equipment for use,First turn off the power of electronic keyboard and external equipments,then,insert one end of stereo audio cable into LINE IN or AUXIN jack of other hi-fi equipment and insert the other end into audio L/R out jack in the panel of the rear of the electronic keyboard.

5.LCD Screen Diagram

1. Dual Voice
2. Singer Finger
3. Fingered
4. Recording
5. Programming
6. Playback
7.Tone

8.Song
9.Rhythm
10.Beat Displaying
11.One Key Teaching
12.Teaching Function
13. Vibrato
14. Sustain

15. Touch
16. Chord Displaying Area
17. Master volume
18. Tempo
19. Black and White keys Displaying Area
20. Digital Displaying Area
21. Characters Displaying Area

6. Description of LCD displaing function

1.Model and State Displaying Function: The work model of this electronic keyboard and the work state that it is in.There is the corresponding function indication ① ~ ㉑ on the LCD.

2.Name and Digital Displaying Function:Under normal conditions,the ㉑ displays the current tone name or the current rhythm name in the characters displaying dot matrix area based on the user's setting.It is the abbreviation of the tone if the current displaying is the tone name.Three positions digital displaying area ⑳ displays the corresponding tone number or rhythm number. Under the model of Demo,It displays the current song number.

In the model of the recording and programming.The characters displaying area displays "FULL" as the indication when the recording is full.The digital displaying displays the current level number in the state of volume,rhythm volume and transpose.

3.Beat Indication Function:When the beat is being played,The metronome ⑩ shines in right or left which follows the different beat.

4.Note Displaying Function:In the teaching model,the ⑲ in the keyboard key area has the corresponding displaying on the LCD.In the model of Demo,One Key and Teaching.The keyboard key area has the corresponding displaying which follows the main volume on the LCD.

Appendix Ⅱ. Table of Rhythm

No.	Name of Rhythm	No.	Name of Rhythm	No.	Name of Rhythm	No.	Name of Rhythm
00	Soul1	32	Pop Dance 3	64	Bolero	96	Samba2
01	Soul2	33	Shuffle1	65	Bossanova1	97	Pop Samba 1
02	Soul3	34	Shuffle2	66	Bossanova2	98	Pop Samba 2
03	Soul4	35	8 Shuffle	67	Bossanova3	99	Pop Samba 3
04	Soul5	36	Hard Rock	68	Bossanova4	100	Jazz Samba
05	Soul6	37	Slow Rock1	69	Bossanova5	101	March1
06	Soul7	38	Slow Rock2	70	Calypso	102	March2
07	Soul8	39	Pop Classic	71	Habanera	103	March3
08	Slow Soul 1	40	Blues	72	Reggae1	104	March4
09	Slow Soul 2	41	Twist	73	Reggae2	105	Polka1
10	Slow Soul 3	42	Hard 3 Beat	74	Jorpo	106	Polka2
11	Slow Soul 4	43	Love Ballad 1	75	Tango1	107	Polka3
12	Slow Soul 5	44	Love Ballad 2	76	Tango2	108	C & W 1
13	Funky soul 1	45	Love Ballad 3	76	Tango3	109	C & W 2
14	Funky soul 2	46	Love Ballad 4	76	Mambo 1	110	Bluegrass
15	Funky soul 3	47	Euro Beat	76	Mambo 2	111	Country1
16	Funky soul 4	48	House1	80	Rhumba 1	112	Country2
17	Funky soul 5	49	House2	81	Rhumba 2	113	Country3
18	Funky soul 6	50	Swing Beat	82	Rhumba 3	114	Middle East
19	Funky soul 7	51	8 Ballad	83	Rhumba 4	115	China 1
20	Funky soul 8	52	Step	84	Rhumba 5	116	China 2
21	West Coast	53	Big Band1	85	Bequine	117	China 3
22	Euro Soul	54	Big Band2	86	Salsa	118	Thailand
23	16 AOR 1	55	Cobmo1	87	Merengue1	119	Waltz1
24	16 AOR 2	56	Cobmo2	88	Merengue2	120	Waltz2
25	16 Beat 1	57	Swing1	89	Vallenato	121	Waltz3
26	16 Beat 2	58	Swing2	90	Plena	122	Waltz4
27	16 Beat 3	59	Swing3	91	Lambada	123	Jazz Waltz1
28	16 Ballad 1	60	Swing4	92	Bachata 1	124	Jazz Waltz2
29	16 Ballad 2	61	Swing5	93	Bachata 2	125	Jazz Waltz3
30	Pop Dance 1	62	Swing6	94	Bachata 3	126	Country Waltz1
31	Pop Dance 2	63	Baiao	95	Samba1	127	Country Waltz2

Appendix Ⅲ. Table of Panel Percussion

Snare L	Snare H	Hard Low Tom	Mid tom H	Hi-Hat Closed	Hi-Hat Pesal	Conga H Mute	Conga L

| No.	Name of Tone	No.	Name of Tone	No.	Name of Tone
	Piano	43	Contrabass	87	Lead 8 (bass+lead)
0	Acoustic Grand Piano	44	Tremolo Strings		**Synth Pad**
1	Bright Acoustic Piano	45	Pizzicato Strings	88	Pad 1 (new age)
2	Electric Grand Piano	46	Orchestral Harp	89	Pad 2 (warm)
3	Honky-tonk Piano	47	Timpani	90	Pad 3 (polysynth)
4	Rhodes Piano		**Ensemble**	91	Pad 4 (choir)
5	Chorused Piano	48	String Ensemble 1	92	Pad 5 (bowed)
6	Harpsichord	49	String Ensemble 2	93	Pad 6 (metallic)
7	Clavichord	50	Synth Strings 1	94	Pad 7 (halo)
	Chromatic Percussion	51	Synth Strings 2	95	Pad 8 (sweep)
8	8 Celesta	52	Choir Aahs		**Synth effects**
9	9 Glockenspiel	53	Voice Oohs	96	FX 1 (rain)
10	10 Music box	54	Synth Voice	97	FX 2 (soundtrack)
11	11 Vibraphone	55	Orchestra Hit	98	FX 3 (crystal)
12	12 Marimba		**Brass**	99	FX 4 (atmosphere)
13	13 Xylophone	56	Trumpet	100	FX 5 (brightness)
14	14 Tubular Bells	57	Trombone	101	FX 6 (goblins)
15	15 Dulcimer	58	Tuba	102	FX 7 (echoes)
	Organ	59	Muted Trumpet	103	FX 8 (sci-fi)
16	Hammond Organ	60	French Horn		**Ethnic**
17	Percussive Organ	61	Brass Section	104	Sitar
18	Rock Organ	62	Synth Brass 1	105	Banjo
19	Church Organ	63	Synth Brass 2	106	Shamisen
20	Reed Organ		**Reed**	107	Koto
21	Accordian	64	Soprano Sax	108	Kalimba
22	Harmonica	65	Alto Sax	109	Bagpipe
23	Tango Accordian	66	Tenor Sax	110	Fiddle
	Guitar	67	Baritone Sax	111	Shanai
24	Acoustic Guitar (nylon)	68	Oboe		**Percussive**
25	Acoustic Guitar (steel)	69	English Horn	112	Tinkle Bell
26	Electric Guitar (jazz)	70	Bassoon	113	Agogo
27	Electric Guitar (clean)	71	Clarinet	114	Steel Drums
28	Electric Guitar (muted)		**Pipe**	115	Woodblock
29	Overdriven Guitar	72	Piccolo	116	Taiko Drum
30	Distortion Guitar	73	Flute	117	Melodic Tom
31	Guitar Harmonics	74	Recorder	118	Synth Drum
	Bass	75	Pan Flute	119	Reverse Cymbal
32	Acoustic Bass	76	Bottle Blow		**Sound Effects**
33	Electric Bass(finger)	77	Shakuhachi	120	Guitar Fret Noise
34	Electric Bass (pick)	78	Whistle	121	Breath Noise
35	Fretless Bass	79	Ocarina	122	Seashore
36	Slap Bass 1		**Synthlead**	123	Bird Tweet
37	Slap Bass 2	80	Lead 1 (square)	124	Telephone Ring
38	Synth Bass 1	81	Lead 2 (sawtooth)	125	Helicopter
39	Synth Bass 2	82	Lead 3 (caliope lead)	126	Applause
	Solo Strings	83	Lead 4 (chiff lead)	127	Gunshot
40	Violin	84	Lead 5 (charang)		
41	Viola	85	Lead 6 (voice)		
42	Cello	86	Lead 7 (fifths)		

Ⅰ Basic Performance Method

1.Turn On Power

After AC/DC adaptor was connected well or batteries were installed correctly,press[POWER] button to turn on "POWER".The LCD screen displays the default information in the startup situation.Then,press this button again,this button bounces,the power was closed.

### 2.Adjustment of the Master Volumea

This electronic keyboard has 8 levels"VOLUME",from 1 to 8 for your choice.The default value of the master volume is 6,press[MASTER VOLUME]+/- button,the master volume has the corresponding increase or decrease. The LCD volume displaying has the corresponding change as well. The volume will recover the default value automatically if you press the [MASTER VOLUME]+/-button at the same time.
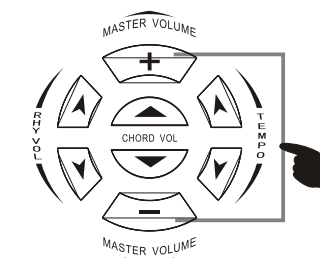
3. Tone Selection

This electronic keyboard has 128 kinds of tone(0-127) for your choice.For detailed information, please refer to the Appendix I (Table of Tone).

The default state is the tone in the startup situation.You need to press the [TONE]button if the current state isn't the tone state.There is the corresponding displaying on the LCD,the character displays the current tone name.The default tone is GrdPno(Acoustic Grand Piano).The LCD displays the number of the current tone is "00".To select the tone between 00-99,input two-digit number by the number buttons.You should press the number button [1] for about two seconds if you want to input the tone between 100-127. The LCD displays the tone number that are waiting for choice on the hundreds place is 1--,the underliningposition is the digit position that are waiting for choice .You can choose the tone between 100-127 if you continue to input two-digit number by the number buttons.You can also do the loop selection for the tone between 100-127 if you press the [+],[-]buttons at the same time.The system will return to the current tone automatically if you haven't input the number completely and you haven't any action for 4 seconds
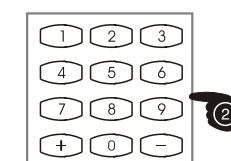
4. Percussion Instruments for Performance

1)Panel Percussion.Press[PANEL PERCUSSION]button(there are 8 kinds of panel percussion Instruments in total,as the sign shown under the corresponding buttons or refer to the Appendix III-Table of Panel Percussion),the corresponding percussion can occur.You can fill in the corresponding percussion to enhance the performance effect based on your requirement.

2) Keyboard Percussion . Press[KEYBOARD PERCUSSION]button,now the keyboard converts into the percussion keyboard.Every keyboard key correspondes with one kind of percussion Instrument (61 pcs of white and black keys correspond with 61 kinds of keyboard percussion, as the graphic symbols shown above the keyboard or refer to the Appendix V-Table of Keyboard Percussion)Then,press[KEYBOARD PERCUSSION]button again,the keyboard will recover the normal standard keyboard.

Start keyboard Percussion performance

II.Auto Rhythm

1. Rhythm Selection

This electronic keyboard has 128 kinds of rhythm (0-127) for your choice. For detailed information,please refer to the Appendix II-Table of Rhythm.Press[Rhythm]button to enter the rhythm function,the default rhythm is [Soul 1],the character displaying area displays current rhythm number,displays current rhythm number"00".To select the rhythm between 00-99,you just need to input two-digit number.You should press number button [1] for about two seconds if you want to input the rhythm between 100-127.The LCD displays the rhythm number that are waiting for choice on the hundreds place is 1,the underlining position is digit position that are waiting for choice ,then,input the two-digit number in the back.The system will recover the current rhythm automatically if you haven't input the complete number and you haven't any action for about 4 seconds..
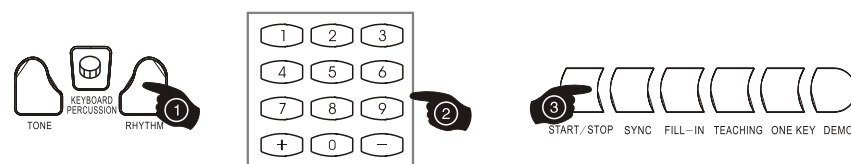
2.Fill in

You can fill in a length of interlude to enhance the performance effect if you press the[FILL-IN] button during the rhythm playback,then,the rhythm will continue to perform based on the original rhythm.

VIII.Intelligent Teaching Function

1.Demo

This electronic keyboard has 30 pcs of Demo in total,The table of Demo,please refer to the Appendix III.

Press[DEMO]button to do the loop playback about the Demo,The LCD displays [SONG], the number displays the current demo number.The keyboard displaying area displays the current song note.The playback will stop if you press[DEMO] button during performance.You can press number buttons or "+""-"to select the song.
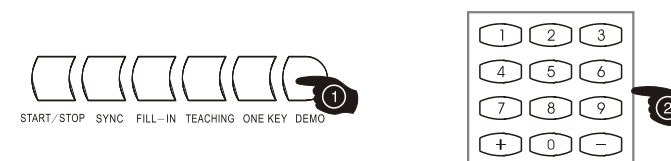
2.Teaching Function

Press[TEACHING]button to enter into the teaching function,the LCD displays[STEP2],then, select the song through the number buttons or "+'"-" buttons to start the teaching.When one song was over,the electronic keyboard can continue to teach if you pressing the number buttons to reselect the song.The LCD screen displays current teaching song number,the keyboard displaying area displays the main melody note of current song.The main sound of the song will be closed over when you learn to perform the keyboard keys.The main sound will recover to learn this key performance if you haven't played the keyboard keys for 3 seconds.

3.One Key Teaching

Press one key[STEP 1]button to enter into the teaching function.Then,select song by the number buttons to start the teaching.After this song was over.The electronic keyboard can continues to teach if you reselect the song.The LCD screen displays the current teaching song number,the keyboard displaying area displays the main melody note of current song.No matter the performance is right or wrong,the correct main melody note will occur if you press any key to teach, and the keyboard will repeat its accompaniment,it is that one key one note model.

4.Keyboard Touch Response

The keyboard of this electronic keyboard is touch response keyboard.The touch function starts automatically in the startup situation.The LCD displays [TOUCH].The electronic keyboard will perform different size volume if you perform the keyboard with different touch by this time. Press [TOUCH]button,the touch functions exists,the touch response of the keyboard was cancelled off.Press[TOUCH]button again,the touch functions starts.
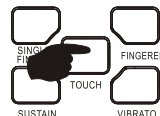
5.Dual Voice Performance

Press[DUAL VOICE]button,the LCD displays [DOUBLE],the performed tone is the tone that was composed of two kinds of tone.Now,the displaying tone name is the latter tone.The previous tone is the tone before you pressed the [DUAL VOICE]button.Press[DUAL VOICE]button again to exist the dual voice function.

VI. Recording Function

Press[RECORD]button to start the recording,the LCD displays[RECORD].The recording function of this electronic keyboard can record 240 pcs of note.The chord fingering,panel percussion cann't be recorded during the recording.When the recording is full,the led characters display"full". It will return to the previous displaying for 4 seconds.Press[PLAYBACK]button in the recording model,the recorded notes can be played in turn.The LCD displays [PLAY].Press[RECORD] butto to exit this function.

VII.Rhythm Programming

Press[PROGRAM]button to enter into the rhythm programming function.The LCD displays [GROGRAM].You can edit a paraghaph of rhythm through the 61 pcs of keyboard percussion. This edited rhythm can record the 16 pcs of percussion sound at the most (The operation method of the keyboard percussion,please refer to <<2)keyboard percussion on the 5th page>>.Press [PLAYBACK]button to play the programmed rhythm,the LCD displays [PLAY].Press[PROGRAM] button to exist the programming function.

3.Rhythm Sync

Press[SYNC]button to enter the sync function before the rhythm was played.Now press any key of 19 keys in left hand to start rhythm playback.The beat point shines on the LCD,the characters displaying area displays the current tone or rhythm.If the chord function has started, press the corresponding key in 19keys in chord area,the auto chord starts.

Press any key to rhythm function
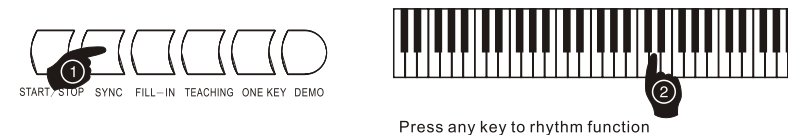
4.METRONOME

Press[METRONOME]button to start metronome,the tick-tock beat sound will occur.The beat effect will be added when you perform.The function is as follows everytime you press [METRONOME]button:3/4 beat;stop;4/4 beat;stop;1/4 beat; stop;2/4 beat; stop.The beat function will exist by pressing the [RHYTHM] button,[SYNC]button,[SONG]button,[ONE KEY] button, [TEACHING]button.The system will recover the previous displaying for about 4 seconds.
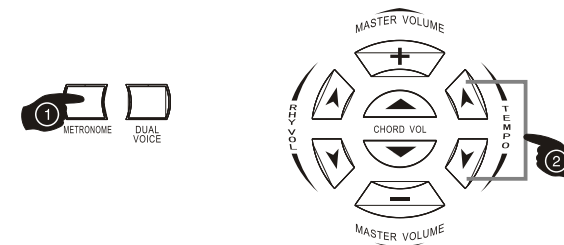
5.Tempo

The default value of the beat tempo is 120.You can adjust 32 levels of beat tempo from 40-240 through the [TEMPO]+/- buttons.The LCD digital displaying area has the corresponding displaying when you adjust.The system will return to the default value automatically if you press[TEMPO]+/- buttons at the same time.
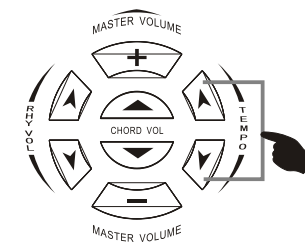
6.Rhythm Volume

The default value of the ryhthm is "04".You can adjust 8 levels of rhythm volume through the [RHY VOLUME]+/-buttons.The LCD digital displaying area has the corresponding displaying when you adjust.The system will return to the default value of the rhythm automaticaly if you press [RHY VOLUME]+/-buttons at the same time.
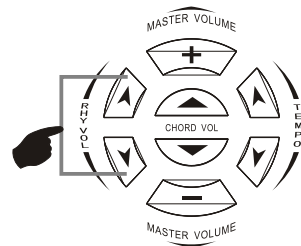
III.Auto Bass Chord

The accompaniment of the electronic keyboard will be more colourful if you use the performance system of the single finger,fingered,comprehensive chord,auto bass chord when the auto accompaniment being started.

1.Single Finger Auto Bass Chord

When rhythm is started,press[SINGLE FINGER]button to enter the single finger auto bass chord function,the chord displays [SINGLE]on the LCD.Now,you can input a certain kind of fingerings in the chord keys section of the keyboard.The chord sound can be played.Press [CHORD CLOSE]button,the chord sound stops,the rhythm continues to play.
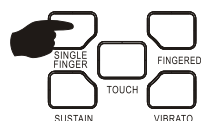
Table of single finger fingerings

2.Fingered Auto Bass Chord

Press[FINGERED]button to enter the fingered chord function.You can hear different chord accompaniment if you applying different fingerings.Press[CHORD CLOSE]button,the chord sound stops,the rhythm continues to play.
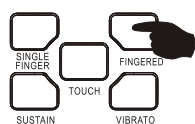
Table of fingered fingerings

3.Comprehensive Chord

Press[COMPREHENSIVE CHORD]button to enter into the comprehensive chord function. The comprehensive chord can recognize the "SINGLE FINGER","FINGERED" chord automatically. You can proceed with the fingered chord accompaniment by applying fingered fingerings or the single finger chord accompaniment by applying the single finger fingerings.

Press single finger or fingered fingerings in chord area to proceed with the chord accompaniment

4. Chord Volume

The default value of the chord volume is "04".You can adjust 8 levels (0-7) of chord volume by pressing the [CHORD VOLUME]+/-buttons. The LCD digital displaying area has the corresponding displaying when you adjust.The system will return to the default chord volume if you press [CHORD VOLUME]+/-buttons at the same time.


IV.Work State Memory

After the tone,rhythm,temp etc was adjusted well based on the performance requirement, First press[MEMORY]button and not loosen it,then,press any button of the state memory position "1","2","3"buttons,now the current tone,rhythm and tempo will be recorded. Press any button of the state memory position "1","2","3"buttons after the state was recorded.The recorded tone, rhythm and tempo will be read out.
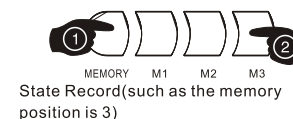
State Record(such as the memory position is 3)
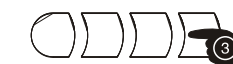
State be tuned out for use(such as the place that tuned out for use is 3)

V.Effect Control

1.Pitch bend knob

Rotate the pitch bend knob in performance. The note has the sliding tone effect if you perform the keyboard by this time.Rotate pitch bend knob upwards or downwardsto increase or decrease pitch.Loosen the pitch bend knob to restore original standard pitch.

2. Sustain, Vibrato Function

Press[SUSTAIN]button to start sustain function.The prolonged effect note will occur if you perform with the white and black keys by this time.Press[VIBRATO]button to start vibrato function, the trembling effect note will occur if you perform with white and black keys by this time.
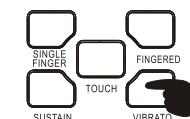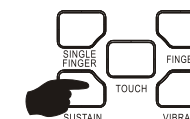
3.Transpose

Press[TRANSPOSE]+/- buttons,the corresponding musical scale goes up or goes down for one note when you play with the black and white keys.You can adjust the musical scale for 6 levels upwards and downwards.This sitation is effect in the normal performance.The LCD displaying area displays the normal note is"000".The system will recover the default keyboard tone automatically if you press the [TRANSPOSE]+/-buttons at the same time.