K208

USER MANUAL

61Key multi-function LCD display keyboard

CAUTION

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

⚠ Caution

Power adapter:
・Please use specified Adapter, otherwise fault adapter may cause damage of your electronic keyboard.

・Do not place 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 overbend wire and place heavy matters on wire or wind wire with other   matters to avoid damaging wire.

Do not open the case of electronic keyboard:
・Do not open the case 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 keyboard 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 play the keyboard with the loudest or uncomfortable volume to avoid decline in hearing.

・Do not place heavy matters on the electronic keyboard, 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.
・It is only used for non tropical climatic condition
.It is only suitable used for areas that is below 2000 meters above sea level.
.The supply electricity of network source prevents water drop or water splash

Technical specifications

■Keyboard
・61 keys standard piano keys with touch response

■Display
・LCD display

■Voice
・422 kinds of voice

■Rhythm
・210 kinds of rhythms

■Demo
・120pcs different style demo

■Effect control
・Dual voice、sustain、vibrato、effect、touch、transpose、tempo、function menu、sound console、metronome、pitch bend

■Record
・Record、play

■Accompaniment control
・Start/stop、sync start、intro/ending、fill in

■Auto chord
・Auto chord

■Intelligent teaching
・Learn、Left hand、Right hand

■Status memory
・Two memory groups, total 4pcs memory bank, can save 8 kinds of status.

■Other control
・Power switch、Master volume control、Rhythm volume control、MP3 function

■External function
・Power jack、Microphone jack、Headphone jack、USB MIDI jack、USB（MP3）jack

■Diapason
・C2-C7

■Intonation
・≤5 cents

■Power adapter
・DC9V, 500mA

■Output power
・5Wx2

■Quiescent current
・120mA

■Specification
・1008x431x171（mm）

■Net weight
・5. 4Kg

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Panel control and external function

Panel control
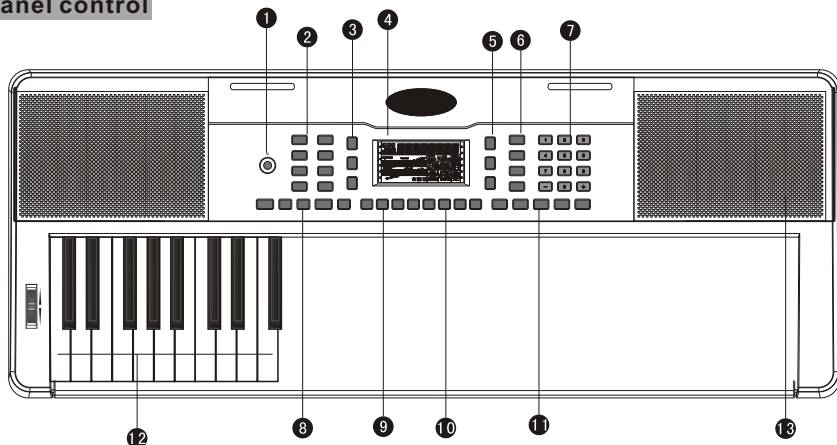
1. Power switch
2. Master volume±/Rhythm volume±/Tranpose±/Tempo±
3. Function menu/Sound console/Metronome
4. LCD display

5. Voice/Rhythm/Song
6. Sustain/Vibrato/Effect/ Dual voice
7. Number 0~9/+, −
8. Start/Stop/Sync/Intro/ Ending/Fill in/Auto Chord
9. MP3 play

10. Status memory/M1/M2/ Bank/Touch
11. Record/Play/Learn/Left hand/Right hand
12. Chord area
13. Speaker

LCD display screen diagram
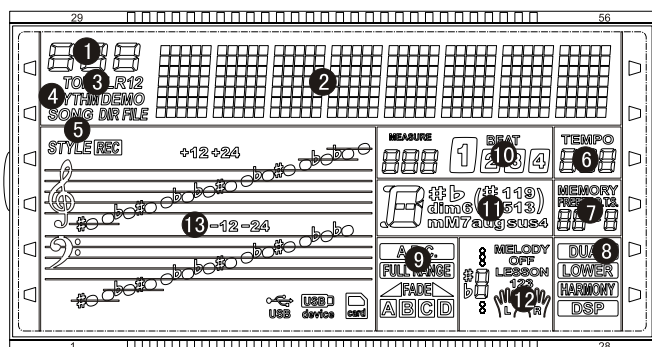
① Digital display area	⑥ Tempo	⑪ Chord display area
② Characters display area	⑦ Status memory	⑫ Learn mode
③ Voice	⑧ Dual voice	⑬ Staff display area
④ Rhythm	⑨ Chord mode	
⑤ Song	⑩ Metronome	

Trouble and exclusion

Trouble	Possible cause/Solution
Accompaning a slight noise in turning on/off power	Do not worry,it's the normal phenomenon.
There was no sound when you pressed keyboard on power state.	Make sure that the master volume is settled in suitable position or there is any connection on the function jacks with other equipment that leads to the internal speaker system be automatic off
The note and its tone quality of a same tone are a little different.	This is normal phenomenon caused by different tone sampling system of electronic keyboard.
When use the sustain function,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 master volume is too small,or the volume of voice and accompaniment are imbalance.	Make sure the master volume or companient volume control is in suitable position
There is still no accompaniment even thourh sync starting had been started and keyboard was played	Please check that chord way was setted at relative chord position,you only have to play the keyboard that lies in auto bass chord area, then,the accompaniment can start.
The notes that were pressed down at the same time,but,there aren't all notes that can sound.The auto accompaniment function sees to be jumped out of as long as you play the keyboard.	You may used excessive notes,their quantity had surpassed the maximum quantity that was set in electronic keyboard.so,the extra more notes cann't sound.
The pitch of nore is not correct.	Check whether the parameter of transpose is "00".
The sound distorted or discontinued, even,halted when you use external power adator	Because unqualified power adaptor had been used,please use the power adaptor that was equipped with this keyboard.

Demo List

No.	English name	No.	English name	No.	English name
1	Chanson Du Toreador	41	With Games	81	Yankee Doodle (Piano)
2	Meditation	42	Way Home	82	Kaiser Walzer
3	Wiegenlied	43	Yankee Doodle	83	From A Story Book
4	A Lover's Concerto	44	Michael Row The Boat Ashore	84	Butterfly
5	Whispering Hope	45	Auld Lang Syne	85	Christmas Eve
6	From The New World	46	My Darling Clementine	86	Old Folks At Home (Piano)
7	O Sole Mio	47	Little Brown Jug	87	A Little Polish Dance
8	Auf Flugeln Des Gesanges	48	The House Of The Rising Sun	88	Larghetto
9	Santa Lucia	49	Danny Boy	89	Minuet 2
10	Deck The Halls	50	El Condor Pasa	90	Prelude
11	Old Folks At Home	51	Greensleeves	91	Duke Aria From "The Rigoletto"
12	Camptown Races	52	Heide nro slei n	92	Puck
13	Oh! Susanna	53	Wiegenlied 2	93	The Happy Farmer
14	Jeanie With The Light Brown Hair	54	Her Bright Smile Haunts Me Still	94	Etude
15	Long Long Ago	55	Old Black Joe	95	Dance Of The Four Swans From "Swan Lake"
16	Annie Laurie	56	Old Dog Tray	96	Jesus Saviour Pilot Me
17	My Old Kentucky Home	57	Are You Lonesome Tonight?	97	Old Macdonald Had A Farm
18	Turkey In The Straw	58	Arirang	98	2-Part Invention No.13 In A Minor BWV 784
19	Aloha Oe	59	The Quilting Party	99	Musette
20	Carry Me Back To Old Virginny	60	The Colorado Trail	100	Bourree
21	The Blue-Bells Of Scotland	61	I'D Like To Be In Texas	101	Away In A Manger
22	Joy To The World	62	Shenandoah	102	Marriage Of Figaro
23	Jingle Bells	63	Down In The Valley	103	Angels We Have Heard On High
24	Battle Hymne Of The Republic	64	On Top Of Old Smoky	104	Waltz
25	Silent Night	65	Barbara Allen	105	Did You Ever See A Lassie
26	Ode To Joy	66	Careless Love	106	Old France
27	My Bonnie	67	Sweet Bets y From Pike	107	Santa Claus Is Coming To Town
28	La Cucaracha	68	Jesse James	108	Minuet 3
29	Yellow Rose Of Texas	69	The Cowboy's Lament	109	In The Theatre
30	The Wabash Cannon Ball	70	Skip To My Lou	110	Alfredo And Viole tta Column Tower Duet
31	Red River Valley	71	London Bridge Is Falling Down	111	Als Die Alte Mutter Mich Noch lehrte Singen
32	Dreaming Of Home And Mother	72	Home On The Range	112	At The Ball
33	Ring Ring De Banjo	73	This Old Man	113	Dancing Raindrops
34	Der Freischutz	74	Polly Wolly Doodle	114	Comin'Round The Mountain
35	Tales Of Hoffman	75	Sippin' Cider Through A Straw	115	Song Of The Brook
36	Die Forelle	76	Home Sweet Home	116	Cotton-pickin' Fingers
37	Aura Lea	77	Mary Had A Little Lamb	117	Menuett G Dur 3
38	When The Saints Go Marching In	78	Valse Brillante Op 34 #3 In F Major	118	Knight
39	Twinkle Twinkle Little Star	79	Musette In D Major	119	GavottePuck
40	I've Been Working On The Railroad	80	Blue Bird Waltz	120	The Angels Singing

Panel contrl and external functon

External function
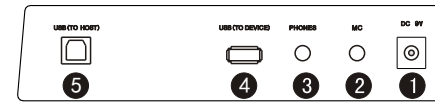
❶ DC9V jack
❷ Microphone jack
❸ Headphone jack
❹ USB（MP3）jack
❺ USB MIDI function jack

## Preparation before performance

Power requirement

1.Use power adaptor：

Please use the special power adaptor that was equipped with this electronic keyboard, Insert the DC plug of power adaptor into the DC jack of electronic keyboard, then, insert the other end into Mains socket,finally turn on power switch and start performance.

⚠ **Caution**

When you don' t use this electronic keyboard, you should pull out the plug of power adaptor from power socket safely to avoid the parts trouble or other accident for long-term charging.


Power adaptor
DC plug
Mains socket
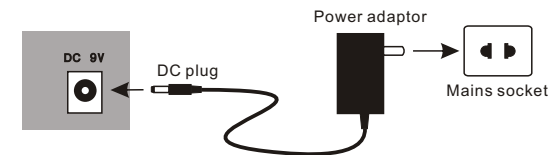
2.Use batteries：

Open the battery lid at the bottom of electronic keyboard and load 8pcs l.5V size 1 batteries,ensure the polarity of the batteries should conform to the anode and cathode direction of batteries marked in battery internal slot.Cover the battery lid after the installation.
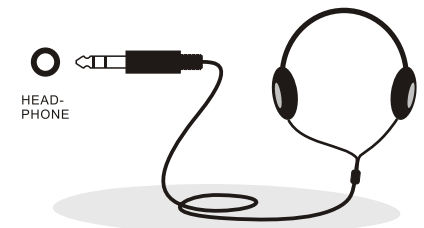
⚠ **Caution**

Please replace all batteries at one time when the batteres need the replacement.Don' t use different kinds of batteries and mix new and old batteries for use at the same time . Please take out the batteries as to avoid possible damage caused by the batteries leakage if you don't use the electronic keyboard for long time.

⊖ 1.5V 1.5V ·—·—·—· 1.5V ⊕

total 8pcs
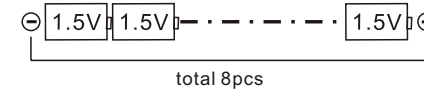
Accessories jacks

3.Use headphone：

Insert headphone plug into[HEADPHONE] jack in back of electronic keyboard.The internal speaker system of electronic keyboard cuts off automatically now.
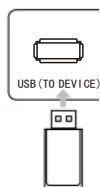

HEAD-PHONE

Preparation before performance

4.USB（MP3）Jack：

This keyboard supports to connect largest 32G USB equipments,
Such as U disk etc. It can play MP3 files in USB equipments.
Caution:Please don't pull out USB equipments in play process,or
else,it will cause mistakes or USB equipments damage.

USB（TO DEVICE）

5.USB（MIDI）Jack：

This keyboard supplies one USB jack,it can be connected to personal computer directly.
You only need one USB line,one end was inserted into USB jack of this keyboard,another end
was inserted into USB port of computer,it can transfer information with computer in both direction
Such as you can store the music that you had played on this keyboard to the computer,you also
 can play MIDI document of your computer by this keyboard as well.
Notice:
The USB audio equipment cann't be setted for input and output at the same time when you do
the setting of the computer software,or else the sound will be overlapping when you play the
keys.

Rhythm list

No.	English name	No.	English name	No.	English name
142	Hip Hop-2	165	Country 2-2	188	German March-2
143	Techno-2	166	Pop Country-2	189	6/8 March-2
144	Funky Pop-2	167	Country Rock-2	190	Polka-2
145	Jazz Funk-2	168	Country Folk-2	191	Pop Polka-2
146	Cool Funky-2	169	3/4 Country -2	192	Waltz-2
147	Soul 1-2	170	Country Waltz-2	193	Slow Waltz-2
148	Soul 2-2	171	Country Shuffle-2	194	Vienna Waltz-2
149	Soul Shuffle-2	172	Country Boogie-2	195	Musette-2
150	Soul Blues-2	173	Country Blues-2	196	Piano 8 Beat-2
151	R & B-2	174	Country Quick Step-2	197	Piano Ballad-2
152	6/8 Gospel-2	175	Bluegrass-2	198	Piano Boogie-2
153	Pop Groove-2	176	Bossa Nova 1-2	199	Piano Jazz-2
154	Swing-2	177	Bossa Nova 2-2	200	Piano Swing-2
155	Cool Jazz-2	178	Rhumba-2	201	Piano Jazz Waltz-2
156	Pop Swing-2	179	Pop Rhumba-2	202	Piano Twist-2
157	Swing Fox-2	180	Cha Cha-2	203	Piano March-2
158	Big Band-2	181	Pop Cha Cha-2	204	Piano 6/8 March-2
159	Big Band Medium-2	182	Tango-2	205	Chinese Folk Rock-2
160	Jazz Waltz-2	183	Jazz Samba-2	206	Chinese R&B-2
161	Ragtime-2	184	Reggae-2	207	JiangNan Pop-2
162	Dixieland-2	185	Pop Reggae-2	208	Chinese Hip Hop-2
163	Quick Step-2	186	March 1-2	209	Chinese Techno-2
164	Country 1-2	187	March 2-2	210	DaiZu Folk-2

Rhythm list

No.	English name	No.	English name	No.	English name
1	8 Beat 1	48	Pop Groove	95	Piano Swing
2	8 Beat 2	49	Swing	96	Piano Jazz Waltz
3	8 Beat 3	50	Cool Jazz	97	Piano Twist
4	8 Beat 4	51	Pop Swing	98	Piano March
5	60's 8 Beat	52	Swing Fox	99	Piano 6/8 March
6	8 Beat Ballad	53	Big Band	100	Chinese Folk Rock
7	8 Beat Rock	54	Big Band Medium	101	Chinese R&B
8	16 Beat 1	55	Jazz Waltz	102	JiangNan Pop
9	16 Beat 2	56	Ragtime	103	Chinese Hip Hop
10	16 Beat Pop	57	Dixieland	104	Chinese Techno
11	16 Beat Shuffle	58	Quick Step	105	DaiZu Folk
12	Ballad	59	Country 1	106	8 Beat 1-2
13	Slow Ballad	60	Country 2	107	8 Beat 2-2
14	16 Beat Ballad	61	Pop Country	108	8 Beat 3-2
15	Unplugged	62	Country Rock	109	8 Beat 4-2
16	Rock	63	Country Folk	110	60's 8 Beat-2
17	Pop Rock	64	3/4 Country	111	8 Beat Ballad-2
18	Fast Rock	65	Country Waltz	112	8 Beat Rock-2
19	Slow Rock 1	66	Country Shuffle	113	16 Beat 1-2
20	Slow Rock 2	67	Country Boogie	114	16 Beat 2-2
21	Rock & Roll	68	Country Blues	115	16 Beat Pop-2
22	Heavy Metal	69	Country Quick Step	116	16 Beat Shuffle-2
23	Blues Boogie	70	Bluegrass	117	Ballad-2
24	Blues	71	Bossa Nova 1	118	Slow Ballad-2
25	Shuffle	72	Bossa Nova 2	119	16 Beat Ballad-2
26	Blues Shuffle	73	Rhumba	120	Unplugged-2
27	Rock Shuffle	74	Pop Rhumba	121	Rock-2
28	Charleston	75	Cha Cha	122	Pop Rock-2
29	Disco 1	76	Pop Cha Cha	123	Fast Rock-2
30	Disco 2	77	Tango	124	Slow Rock 1-2
31	Disco Funk	78	Jazz Samba	125	Slow Rock 2-2
32	Dance	79	Reggae	126	Rock & Roll-2
33	House 1	80	Pop Reggae	127	Heavy Metal-2
34	House 2	81	March 1	128	Blues Boogie-2
35	Rap	82	March 2	129	Blues-2
36	Euro Beat	83	German March	130	Shuffle-2
37	Hip Hop	84	6/8 March	131	Blues Shuffle-2
38	Techno	85	Polka	132	Rock Shuffle-2
39	Funky Pop	86	Pop Polka	133	Charleston-2
40	Jazz Funk	87	Waltz	134	Disco 1-2
41	Cool Funky	88	Slow Waltz	135	Disco 2
42	Soul 1	89	Vienna Waltz	136	Disco Funk-2
43	Soul 2	90	Musette	137	Dance-2
44	Soul Shuffle	91	Piano 8 Beat	138	House 1-2
45	Soul Blues	92	Piano Ballad	139	House 2-2
46	R & B	93	Piano Boogie	140	Rap-2
47	6/8 Gospel	94	Piano Jazz	141	Euro Beat-2

Basic Operation Method

Basic operation

1.Turn on Power：

Press[Power]button to turn on power after power adaptor was well connected or batteries were installed correctly.Press[Power]button again,the button bounces,the power was closed.

2.Master volume adjustment：

This keyboard is with 32pcs level of volume.There is 00~31 for your choice. The preset value of master volume is 26.You can press "+/-" to increase or decrease the volume accordingly. If press "+" and "-" button together,the volume will resume to the pre-set value.

Master Volume

Voice

1.Voice selection：

This keyboard has 422（1-422）kinds of voice,the default state is voice when power was on,you need to press [Voice] button if present state isn't voice.The voice can be choosed by number 0-9 buttons or [+/-]buttons(As shown in the left diagram)
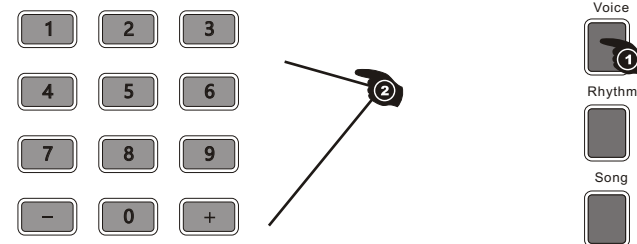
2.Dual voice：

This keyboard has dual voice funtion,The casual two kinds of voice can be superposed and sounded at the same time by this function,The new voice effect will occur to enrich the layers of music.it seems that two kinds of instruments play at the same time.The voice will be fist "R1"voice before the dual voice function was started,The choosed voice will be second "R2"after dual voice function had been started.

1.Pressing[Dual voice]button to open dual voice function,The "R2"mark lights in LCD,Moreover,"DUAL"displays at the lower right corner.the present dual voice name and No.displayas well at the same time.

2.To choose the dual voice that you want to play by number buttons and [+]／[−] buttons.

3.The voice effect that was superposed by two kinds of different voices can be heared when you play the keyboard,it seems that two kinds of instruments are playing at the same time.

4.Press [Dual voice]button again,the dual voice effect can be closed,"R2"cursor goes out in LCD,LCD display screen recovers previous state.

Notice:

1.When the music range of keyboard was divided,Only the keyboard in right hand area has dual voice function,the keyboard in left hand area doesn't have this function

Basic Operation Method

Effect and Control

1.Sustain：

Pressing[Sustain]button,"ON SUSTAIN"mark displays in LCD,the sustain can add slow,natural decay to voice,it can make voice effect of some musical instruments to be more vivid,pressing [Sustain]button again,the sustain function will be closed.You aslo can use sustain peal to realize the sustain function .

Sustain

Vibrato

Effect

Dual voice

2.Vibrato：

Pressing[Vibrato]button,"ON MODUL" mark displays in LCD,the vibrato effect will occur if you play keyboards now.Pressing[Vibrato]button again to exit vibrato function.

Sustain

Vibrato

Effect

Dual voice

3.Effect：

Effect is one kind of sound stage location technology that imitates sound in true environment.Using this function can let you hear more wide and full performance effect.

1.The effect function is default closing state when the keyboard are on power state, "DSP"mark lights in the lower right corner of LCD screen.

2.Pressing[Effect]button,the effect can be opened or closed.

Notice:
Switching"effect open/close"in style or song playing process,there may be sound short pause or noise,it is the normal phenomenon that was caused by switching " effect open/close".

Sustain

Vibrato

Effect

Dual voice

4.Touch：

To open or close touch by touch function，the default keyboard touch response function was opened when power is on

Status memory   M1   M2   Bank   Touch

Voice list

No.	English name	No.	English name	No.	English name
283	Chiff Lead 2	330	Bowed Pad 2	377	WindBells
284	Charang Lead	331	Metallic Pad	378	Artistic
285	Charang Lead 2	332	Dream	379	Digital Effect
286	Fruity Lead	333	Dpray	380	Abyss
287	Voice Lead	334	Digital Pad	381	Abyss 2
288	Voice Lead 2	335	Pipe Organ Pad	382	Spectrum
289	Fifths Lead	336	Scene Pad	383	Spectrum 2
290	Bass & Lead	337	Halo Pad	384	Sitar
291	Bass & Lead 2	338	Background	385	Detuned Sitar
292	Classic Synth	339	Background 2	386	Banjo
293	Electron Impac	340	Sweep Pad	387	Banjo 2
294	Single Sawtooth	341	Star Trek	388	Shamisen
295	Analog Wind	342	Digital Wah	389	Shamisen 2
296	Electron Saw	343	Warm Wah	390	Koto
297	Analog Pulse	344	Pulse Wah	391	Koto 2
298	New Age Pad	345	Digital Distortion Wah	392	Kalimba
299	New Age Pad 2	346	Pulse	393	Kalimba 2
300	Rise	347	Pulse 2	394	Bagpipe
301	Praise	348	Rain	395	Fiddle
302	Intangible	349	Mysterious	396	Shania
303	Plump Sawtooth	350	Clusters of Stars	397	Tinkle Bell
304	Phase Shift	351	Additive Synthesis	398	Agogo
305	Phase Shift 2	352	Want To Go	399	Steel Drums
306	Warm Pad	353	Soundtrack	400	Bass Drum
307	Warm Pad 2	354	Lost Garden	401	Wood Block
308	Overture	355	Far Away	402	Snare
309	Verve	356	Crystal	403	Taiko Drum
310	Fulness Pad	357	Drops Of Water	404	Melodic Tom
311	Overture Wah	358	Game	405	Synth Drum
312	Digital Age	359	Fly Into Space	406	Dynamics jump
313	Analog Pad	360	Little Funny	407	Reverse Cymbal
314	Analog Pda2	361	Funny Hammer	408	Guitar Fret Noise
315	Analog Pad 3	362	Surface Of The Water	409	Breath Noise
316	Analog Wah	363	Atmosphere	410	Seashore
317	Sharp	364	Clouds	411	Bird Tweet
318	Warm Pulse	365	Brightness	412	Telephone Ring
319	Happiness Pad	366	Life	413	Helicopter
320	Sawtooth Pad	367	Fresh	414	Applause
321	Poly Synth Pad	368	Goblins	415	Gunshot
322	Poly Synth Pad 2	369	Fantasy	416	Fall
323	Modulation Distortion Wah	370	Space Trojan	417	PiPa
324	Choir Pad	371	Ceremony	418	ErHu
325	Choir Pad 2	372	Phonism	419	GuZheng
326	Plush Pad	373	Echoes	420	BanHu
327	Electric Pad	374	Empty	421	Standard Drum Set
328	5Th PAD	375	Deformation	422	Electronic Drum Set
329	Bowed Pad	376	Sci-Fi		

Voice list

| No.	English name	No.	English name	No.	English name
142	Violin	189	Trumpet 2	236	Shakuhachi 2
143	Violin 2	190	Dark Trumpet	237	Whistle
144	2 Violin	191	Wah Trumpet	238	Whistle 2
145	Viola	192	Trombone	239	Ocarina
146	Viola 2	193	Trombone 2	240	Ocarina 2
147	2 Viola	194	Tuba	241	Square Lead
148	Cello	195	Tuba 2	242	Square Lead 2
149	Cello 2	196	Muted Trumpet	243	Square Lead 3
150	Contrabass	197	Muted Trumpet 2	244	Analog Lead
151	Contrabass 2	198	Horn	245	Lead Sine
152	Tremolo Strings	199	Horn 2	246	Analog Electric
153	Tremolo Strings 2	200	Stereo Synth Brass	247	Slow Square Lead
154	Pizzicato Strings	201	5th Horn	248	Analog Classic Lead
155	Pizzicato Strings 2	202	Brass Ensemble	249	Thick Square
156	Orchestral Harp	203	Majestic Unison	250	Quint
157	Orchestral Harp 2	204	Synth Brass	251	Sine Solo
158	Stereo Harp	205	Synth Brass 2	252	Pulse Lead
159	Timpani	206	Synth Brass 3	253	Mellow Wind
160	Timpani 2	207	Synth Brass 4	254	80's Digital
161	Strings Ensemble	208	Synth Brass 5	255	Classic TRI
162	Strings Ensemble	209	Octave Synth Brass	256	Stereo Analog Wind
163	Stereo Strings	210	Soprano Sax	257	Sawtooth Lead
164	Stereo Strings 2	211	Soprano Sax 2	258	Sawtooth Lead 2
165	Synth Strings	212	Alto Sax	259	Stereo Sawtooth
166	Synth Strings 2	213	Alto Sax 2	260	Stereo Sawtooth 2
167	Synth Strings 3	214	Tenor sax	261	Electronic Lead
168	Stereo Synth Strings	215	Tenor sax 2	262	Psychedelic
169	Stereo Synth Strings 2	216	Baritone Sax	263	80's Synth
170	Analog Orchestra	217	Baritone Sax 2	264	5Th Analog
171	Analog String	218	Oboe	265	Vitality
172	Slow Strings	219	Sweet Oboe	266	5th Sawtooth
173	Choir Aahs	220	English Horn	267	Comedy
174	Dark Aahs	221	English Horn 2	268	Fazli Lead
175	Stereo Aahs	222	Bassoon	269	80's Sawtooth
176	Stereo Aahs 2	223	Bassoon 2	270	Wind Chimes
177	Mellow Choir Aahs	224	Clarinet	271	5Th Digital Age
178	Aahs & SynStr	225	Clarinet 2	272	5Th Square
179	Big Aahs	226	Piccolo	273	Stereo Pulse
180	Analog Sound	227	Flute	274	Analog Signal
181	Voice Ooh	228	Flute 2	275	Stereo Electronic Lead
182	Synth Voice	229	Recorder	276	Calliope Lead
183	Synth Voice 2	230	Recorder 2	277	Calliope Lead 2
184	Stereo Synth Voice	231	Pan Flute	278	Grand
185	Orchestra Hit	232	Pan Flute 2	279	Octave Pad
186	Orchestra Hit Stereo	233	Blown Bottle	280	Classic Lead
187	Orchestra Hit Octave	234	Blown Bottle 2	281	Sawtooth Wah
188	Trumpet	235	Shakuhachi	282	Chiff Lead

Basic Operation Method

5.Tempo：

Pressing[Tempo+/-]buttons to adjust tempo,the largest adjustment range is 30-280,the relative tempo value will display in LCD when you do tempo adjustment. Pressing[Tempo+/-]buttons at the same time,it will recover the default value tempo of present rhythm immediately.

Tempo
− +
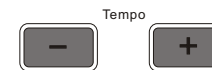
6.Transpose：

The default transpose function was opened state when power is on.The initial value is 0. The tone of whole electronic keyboard can be rised or reduced for half-tone by pressing [Transpose+/-]buttons,the adjustment range is ±12 levels.Pressing[Transpose+/-]buttons at the same time,it will recover transpose initial value.

Transpose
− +
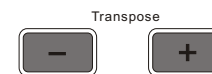
7.Metronome：

Pressing[Metronome]button,Beat mark displays in LCD.You can choose beat state in "function menu"to set the beat number of metronome.To choose beat number by pressing[+/-]buttons,the selection range is 0,2,3…9.The metronome also can be started in rhythm playing process.

Function menu

Sound console

Metronome
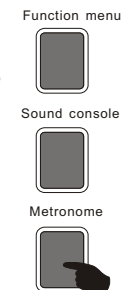
8.Auto chord：

Pressing［Auto chord］button to open auto chord accompaniment,it contains A. B. C. chord mode（Single chord, finger chord）, full range chord(Finger chord)

Start/Stop   Sync   Intro/Ending   Fill in   Auto Chord

9.Pitch bend：

The pitch bend can add smooth tone change to the performed notes.It is to rise note by sliding pitch bend wheel upwards with left hand or reduce note by sliding pitch bend wheel downwards with left hand when you play keyboard with right hand.

PITCH BEND

Basic Operation Method

Rhythm and their relative function

1.Rhythm selection：

The keyboard has 210 kinds of rhythm for your choice.For detailed rhythm.(please refer Rhythm List.)

Pressing[Rhythm] button to enter rhythm selection state."STYLE" mark lights in LCD,you can choose the rhythm you need by pressing^{+/-},number buttons.The default STYLE is .001 8 Beat 1 rhythm when the power is on.

Voice

Rhythm

Song

2.Rhythm control

Start/Stop：

Pressing [Start/Stop] button to play rhythm,and pressing this button again to exit the function.

Start/Stop   Sync   Intro/Ending   Fill in   Auto Chord

Sync：

Pressing[Sync]button to start sync accompaniment function,pressing 19pcs keys in left hand to start rhythm synchronously.If chord function has started,pressing the corresponding key in 19 keys of chord area,the auto chord will start synchronously.If the previous rhythm is being played,pressing this button to stop rhythm and start sync accompaniment function.If sync function has been started, pressing [Sync]button to exit this function.

Start/Stop   Sync   Intro/Ending   Fill in   Auto Chord

Intro/Ending：

Pressing[Intro/Ending]button before rhythm was started,this keyboard will play a length of relative intro,then,returns back to relative normal rhythm.Pressing this button after rhythm was started,the keyboard will play a length of relative ending to stop.

Start/Stop   Sync   Intro/Ending   Fill in   Auto Chord

FILL IN：

A length of interlude will be filled in to enhance the performance effect if you press the [FILL IN] button during the rhythm play process,then,continues original rhythm to perform.

Start/Stop   Sync   Intro/Ending   Fill in   Auto Chord

Voice list

No.	English name	No.	English name	No.	English name
1	Acoustic Grand Piano	48	Glockenspiel	95	Chorus Nylon Guitar
2	Piano Dark	49	Glockenspiel & Sine	96	Stereo Nylon Guitar
3	Octave Piano	50	Children's Song	97	Steel Guitar
4	Octave Piano 2	51	Analog Bell	98	12 String Guitar
5	Piano & Choir	52	Stereo Analog Bell	99	Detuned Steel Guitar
6	Grand Piano / W	53	Music Box	100	Jazz. Guitar
7	Analog E.Piano	54	Vibraphone	101	Clean Guitar
8	Bright Piano	55	Vibraphone / W	102	Stereo Clean Guitar
9	Bright Piano 2	56	Vibraphone & Bell	103	Soft Clean Guitar
10	Stereo Bright Piano	57	Vibraphone & Harpsichord	104	Chord Clean Guitar
11	Detuned Piano	58	Marimba	105	Muted Guitar
12	Chorus Piano	59	Marimba / W	106	Stereo Muted Guitar
13	Bright Piano / W	60	Sine Marimba	107	Chord Muted Guitar
14	Bright Piano 2 / W	61	Stereo Marimba	108	Overdrive Guitar
15	Piano & Vibraphone	62	Marimba & Vibraphone	109	Dance Lead
16	Electric Grand Piano	63	Wood Drum	110	Distortion Guitar
17	Electric Grand Piano / W	64	Xylophone	111	Analog Distortion Guitar
18	Stereo Synth E.Piano	65	Tubular Bells	112	5Th Distortion
19	Honky-Tonk Piano	66	Tubular Bells 2	113	Guitar Harmonics
20	Honky-Tonk Dark	67	Tubular Bells 3	114	Acoustic Bass
21	Honky-Tonk / W	68	Rotate Octave	115	Acoustic Bass 2
22	Honky-Tonk 2 / W	69	Synth Organ Staccato	116	Acoustic Bass Detuned
23	E.Piano	70	Dulcimer	117	Velocity Crossfade Bass
24	Stereo E.Piano	71	Drawbar Organ	118	Jazz Style
25	50's E.Piano	72	Stereo Drawbar Organ	119	A.Bass & Mute G.T.
26	E.Piano / W	73	Soft Stereo Drawbar Organ	120	Finger Bass
27	E.Piano 2 / W	74	Mellow Drawbar Organ	121	Finger Bass 2
28	E.Piano 3 / W	75	Bright Drawbar Organ	122	Dark Finger Bass
29	E.Piano 4 / W	76	Percussive Organ	123	Detuned Finger Bass
30	E.Piano 2	77	Percussive Organ Detuned	124	Velocity Bass
31	Detuned E.P.	78	Rock Organ	125	Bass & Distortion Guitar
32	Detuned E.P. 2	79	Church Organ	126	Pick Bass
33	Harpsichord	80	Detuned Church Organ	127	Pick Bass 2
34	Harpsichord / W	81	Octave Church Organ	128	Mute Pick Bass
35	Harpsichord Octave	82	Octave Church Organ 2	129	Pick & Finger Bass
36	Harpsichord Octave 2	83	Digital Organ	130	Pick Bass & Clean Guitar
37	Harpsichord Off	84	Analog Organ	131	Detuned Pick Bass
38	Clavichord	85	Reed Organ	132	Fretless Bass
39	Stereo Clavichord	86	Stereo Reed Organ	133	Fretless Bass 2
40	Clavichord / W	87	Accordion	134	Slap Bass
41	Clavichord Wah	88	Accordion 2	135	Slap Bass 2
42	Synth Clav	89	Stereo Accordion	136	Slap Bass 3
43	Celesta	90	Harmonica	137	Slap Bass
44	Dark Celesta	91	Dark Harmonica	138	Synth Bass
45	Celesta & Sine	92	Tango Accordion	139	Synth Bass 2
46	Reecho Bell	93	Dark Tango Accordion	140	Synth Bass 3
47	Celesta & Music Box	94	Nylon Guitar	141	Synth Bass 4

2.Pressing[Start/Stop]button to begin with songs learning
If you choose right hand to learn songs,the melody part of right hand
will be concealed.The learner only needs to play correct duration,the
melody will sound in the process of song playing,it is no need to
consider that the played notes are correct or wong.
If you choose left hand to learn songs,the chords of songs or left hand
melody part will be concealed,the learner only need to play correct
duration,it is no need to consider that the played notes are correct or
wong,the chords or left hand melody part can sound.
Pressing [Left]&[Right]buttons at the same time,the left hand and
right hand can be learned at the same time,The system will make
estimation after the learning was over.

`Les1 L&R`

Learning mode2：Pitch learning

1.Pressing [Learn]button repeatly to enter into learning mode2 in
the state that song has been stopped play."Les2 R"reminder marking
lights in LCD .The system only estimates the correctness of pitch of
notes that learner has played,The song can go ahead backwards
when it needs learner to play correct notes.
If the pitch of played notes is wrong,the song will be in waiting state
untill the correct notes was played.
2.Pressing [Start/Stop]button to begin to learn song,it will give
estimation after the learning was over.

`Les2 R`

Learning mode3：Play mode

1.Pressing [Learn]button repeatly to enter into learning mode3 in
the state that song has been stopped play."Les3 R"reminder marking
lights in LCD .The system only estimate the correctness of duration
and pitch that learner are playing comprehensively.The song plays
normally,learner must play correct pitch based on originalduration of
song,then,it can be estimated correct by system
2.Pressing [Start/Stop]button to begin to learn song,it wil give
estimation after the learning was over.

`Les3 R`

MP3 PLAY

Pressing[MP3]button to play or pause to play external U disk equipment songs.
Pressing[Play/Stop]button can switch present state of songs, Pressing [Last]button,
one song goes backward,pressing [Volume-]button for longer time,the volume will
reduce small.
Pressing [Next]button ,one song goes forward,pressing[Volume+]button for longer
time,the volume will increase large.

MP3   Last   Next

Play/Stop   − Volume +
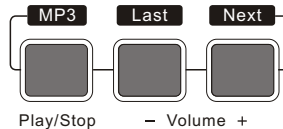
3.Accompaniment volume adjustment：

This keyboard has 32 levels(0-31) rhythm volume in total,the volume can be adjusted by
pressing[Rhythm volume+/-]buttons,there will be relative displaying in LCD when you make the
adjustment.Pressing[Rhythm volume+/-]buttons at the same time,the system will close this
adjustment function.

Rhythm Volume

−   +
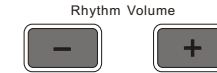
Record function

Pressing[Record]button to enter into record waiting state and you can start to record, press
[Record] button again to exit recording.Pressing[Play]button,the record will begin to play,it will
exit automatically when play was over.The record capability is 62K.

Record   Play   Learn   Left hand   Right hand

Status memory

This instrument has panel registration memory function,it can be used for saving your most
favorite setting as to the setting can be tuned out easily and promptly when you need it.You can
make loop selection in 4 groups of memory groups by pressing[Bank]button,"1-4 MEN BANK"
displays in LCD.
Pressing and holding[Status memory]button,then,pressing any button of M1-M2,"01-02 MEN
STOR"displays in LCD,the data storage work was executed now(The panel parameters content
that can be stored:Rhythm and their relative function,voice and effect control)If the panel setting
was stored to the memory position that contained previous data,then,the new setting will cover
previous data.
Tune out stored panel setting:Pressing[Bank] button to tune out memory group that had been
setted,then,pressing M1-M2 to tune out memory state.

Status memory   M1   M2   Bank   Touch

Song

This electronic keyboard has 120pcs different style of songs for your appreciation
1.Pressing[SONG]button to enter into song mode, "SONG"marking lights in LCD,
All songs will begin with loop play now.The default song is 001 song.
2.You can choose the songs that you want to appreciate by numbers button or
[-]/[+]buttons,the song will play automatically after several seconds.
3.Pressing[Song] or[Start/Stop]button,the song can stop play.

Voice

Rhythm

Song

Basic Operation Method

Function menu

Pressing [Function menu] button to enter into function menu. The default first option is "Metronome type"when the function menu was entered into when the power is on. It will jump to next menu automatically everytime you pressed the [Function menu] button. The option was entered into again later will be same the option was exited last time. The parameters can be setted by pressing [−/+] buttons.

The concrete function options and parameters range are as below list.

Function menu

Sound console

Metronome

NO.	Adjustment content	LCD Display	Adjustment range
1	Metronome type	XX Beat	0, 2···9
2	Tune	XXX Tune	−50···+50
3	Reverb type	XXX Rev Type	1~10
4	Reverb depth	XXX Rev Lev	0~127
5	Chorus type	XXX Chr Type	1~8
6	Chorus depth	XXX Chr Lev	0~127
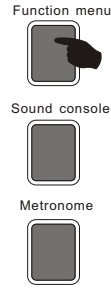
Notice：

If there is no any setting operation in 3 seconds by pressing[Function menu],[-/+]buttons, the system will exit function menu state.

Metronome type setting
1.Pressing[Function menu]button repeatedly,"Beat"will display in LCD temporarily after metronome type menu was choosed.You can select beat type by pressing^{-/+}buttons now.

Reverb type setting
1. Pressing［Function menu］button repeatedly,"004 Bev Type" will display in LCD screen temporarily after reverb type setting menu was choosed.You can select reverb type by pressing [-/+]buttons now,This electronic keyboard has pre-setted 10 kinds of reverb type in total.
2.Pressing^{-/+}buttons at the same time,the reverb type will recover to pre-setted value:004

Reverb depth setting
1. Pressing［Function menu］button repeatedly,"XXX Bev Lev"will display in LCD screen temporarily after reverb depth setting menu was choosed.You can select depth type by pressing [-/+]buttons now,range:0~127.
2. Pressing^{-/+}buttons at the same time,the reverb depth will cover to pre-setted value.

Chorus type setting
1.Pressing[Function menu]buttons repeatedly,"003 Chr Type"will display in LCD screen temporarily after chorus type setting menu was choosed.You can choose chorus type by pressing [-/+]buttons now,this electronic keyboard has pre-setted 8 kinds of chorus type in total.
2.Pressing^{-/+}buttons at the same time,the chorus type will recover to pre-setted value:003

Chorus depth setting
1.Pressing[Function menu]button repeatedly,"XXX Chr Lev" will display in LCD screen temporarily after chorus depth setting menu was choosed.You can choose chorus depth by pressing^{-/+} buttons now,range:0~127.
2.Pressing^{-/+}buttons at the same time,the chorus depth will recover to pre-setted value.

Sound console

The play volume of every track can be controled independently by Sound console function.
1.Pressing[Sound console]button to enter into sound console function menu,the relative value will display in LCD screen temporarily.The first option is"Percussion music track volume when the sound console menu was entered into first time when the power is on.The option was entered into again later will be same option was exited last time.
2.To choose the track items that you want to make seeting by pressing[Sound console]button repeatedly,then ,To set parameters by pressing^{-/+}button.

The concrete function items and parameters range are as below list

Function menu

Sound console

Metronome

Adjustment range	LCD display	Adjustment range
Percussion music track volume	XXX Rhythm	0 − 31
Bass track volume	XXX Bass	0 − 31
Harmony track1 volume	XXX Chord1	0 − 31
Harmony track2 volume	XXX Chord2	0 − 31
Harmony track3 volume	XXX Chord3	0 − 31
Master voice track volume	XXX Upper1	0 − 31
Dual voice track volume	XXX Upper2	0 − 31

Notice：
If there is no any setting operation in 3 seconds in sound console setting state,the system will exit sound console function state.

Song learning mode

The learning function of song are consist of [Lesson]、[Left]、[Right] these three buttons,these three buttons are valid only in song mode. All songs can be learned by three mode: Duration learning,Pitch learning and play mode.This piano can give score based on your learning situation when the learning was over,it helps you to make progress continously in learning process.
1.Enter into song learning mode
Pressing [Lesson] button to enter into song learning mode in the state of the song had been stopped play.
2.Choose left hand or right hand to learn songs
The songs of this instrument can be choosed for three different kinds of way to learn. You can choose the learning part you need by[Left]or [Right]buttons,if you haven't proceed with selection, the system will choose right hand learning for you automatically.
Notice：
The content of left hand learning will aslo be different based on different songs type.For style type songs,the left hand will be used for learning chords;For piano songs,the left hand will be used for learning part melody of left hand.The MIDI type songs doesn't support left hand learning function. The staff and chord display area in LCD will display melody or chords of songs when the songs are playing,It is convenient for following learning.

Record   Play   Learn   Left hand   Right hand

learning mode1: Duration learning

1.Pressing [Lesson] button to enter into learning mode1 in the state that the songs were stopped playing ."Les1 R"will displays in LCD temporarily.The system will estimate the played duration of learner, it doesn't estimate the correctness of notes and chords in learning mode1,the song plays normally.

Les1 R