# K100

## USER'S MANUAL

61KEYS DIGITAL ELECTRONIC KEYBOARD

# Notie

**Please read this cautions carefully before use**

Please read carefully the following notice(but are not limited to the following notice) so as to prevent the possible hurt to yourself or others and possible damages of this instrument and external parts of other equipment.

⚠️

## Using AC-adapter

Use only AC-adapter to power your instrument from AC mains. Other adapter may cause serious damage to your instrument.

## Do not open the instrument

Do not open the case of this instrument .Do not try to disassemble any part of it, nor change any interior parts.Should any abnormal function occur in use, please stop it immediately and send it to qualified personnel for maintenance service.

## Location

Never leave the instrument in circumstance with excessive dust,vibration ,low or high temperature(such as place under the direct sunlight, close to other source of heat,inside the car which under the direct sunlight)to prevent damages of both appearance and internal components of instrument.
Never leave the instrument in an unstable place to avoid falling down and cause the damages.Never place any container with liquid on the instrument to prevent the liquid flow into the instrument.

## Maintenance

Clean the exterior with dry and soft cloth.Never use the cloth with paint,coating, organic or chemical solvent to clean the exterior of instrument.

## Connections

Turn the master volume to '00' before connecting the power and adjust the volume gradually to the proper volume to prevent the damage of speakers.

## Cautions

Never turn the volume to Max. Or the position that heard uncomfortable when you play,to prevent your hearing loss.
Never apply excessive force or place heavy objects on instrument nor apply excessive force to press keyboard ,power button and jack.
The instrument must be unpacked by the adults before use to prevent baby or children form choking hazard. Please keep and store or discard the plastic packing .
Properly store or discard after unpacking .The inside small components are not suitable for the children under 3 years old.
**This instrument is waterproof and moisture- resistant.**

⚠️ Statement

· The technical specifications for this instrument are subject to change without notice.
· Please understand if there are some wrong description ,wrong printing letters in this manual.
· This company retains the right which needs to revise because of the duty and finally interp retation.
· The instrument is suitable for use in any climate except tropical climate.

🔺 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

■**Standard**
· GB/T13837-2012　GB17625.1-2012
　GB8898-2011

■**Display**
· LED Display

■**Voice**
· 300 kinds of voices

■**Rhytnm**
· 300 kinds of rhythm

■**Demo song**
· 50 demo songs

■**Effect cntrol**
· Keyboard perc、sustain、vibrato、split、tempo、transpose、metronome

■**Record and program**
· Record、play、program

■**Percussion**
· 8 kinds of panel percussion

■**Accompaniment control**
· Start/stop、sync、intro/ending、fill in

■**Chord control**
· Single chord、fingered、chord clear

■**Intelligent teaching**
· One key、follow

■**Other control**
· Power swith、accomp volume

■**External jack**
· DC9V power input、microphone input、headphone output

■**Diapason**
· C2-C7

■**Intonation**
· ≤5 cents

■**Format**
· 1008x431x171（mm）

■**Net weight**
· 5. 4Kg

■**Power adapter**
· DC9V　500mA

■**Quiescent current**
· 120mA

■**Random accessories**
· Adapter、song sheet holder、manual
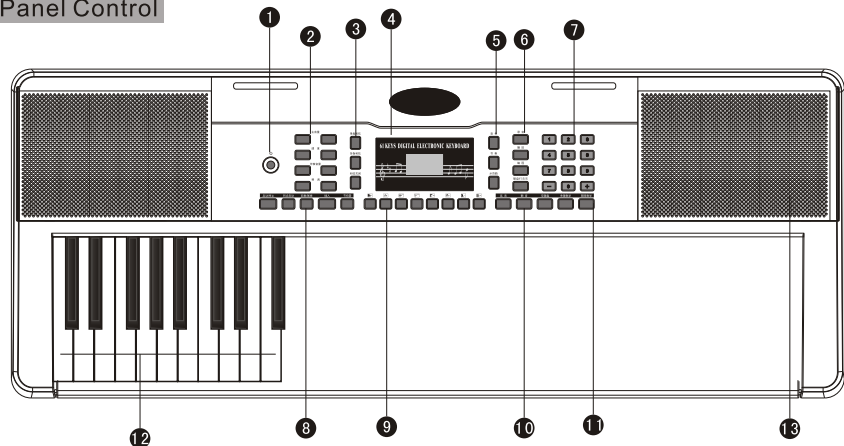
# Appendix IV  Trouble Shooting

| Trouble | Possible reason/eliminating method |
|---|---|
| Accompanied by noise whenever the power is switched ON or OFF. | This is normal . Please do not worry. |
| No sound while pressing any key with power switched on | Are the Master Volume control and accompaniment Volume levels turned to the proper position.The internal sperker system is automatically shut off when some equipment is plugged ito the headphone jack. |
| The sound is distorted or intermittent. More seriously, the instrument crashed. | In this case,unqualified DC-adapter is probably in use or your batteries are probably flat and need replacement. |
| The note and note quality under the same voice are tiny different | This is normal.Perhaps the note with this tiny difference in note quality is initially adopted. |
| Sustain produces longer or shorter when used | This is normal. In this case,the best sustain effect for each note is initially set by the producer. |
| Master Volume and Accompaniment volume is changed | Are the Master control and accompaniment volume turned to proper levels? |
| The accompaniment key changes while you are playing synchronously. | Perhaps you accidentally pressed a key in the left-hand range.(left 19keys of keyboard) |
| No sound,no LED display when AC-Power adapter is in use | Is there power available in power socket and the AC-adapter is well plugged into power jack?Is the Power jack in good connection with AC-Power adapter |
| No sound,no LED display when the batteries are used. | Are you sure the batteries are properly placed with Anode/cathode or perhaps the batteries are flat. |
| The pitch of note changes | Is the "Transpose" +/- turned to be '00'position? |
| The speakers make noise when Mobil phone is used nearby. | The mobil phone nearby should be switched off or placed far from the instrument. Perhaps the mobil phone interfere the instrument and cause the noise. |

# Contents

# I.Panel Control and External Connections

# Appendix III  Demo Songs

## I.Panel Control



1. Power Switch
2. Master Volume /Tempo/
   Accomp volume/Transpose
3. Single Chord/Fingered/
   Chord Clear
4. LED Digital Display

5. Voice/Rhythm/Demo
6. Record//Play/Program/
   Keyboard perc
7. Digit Key1-9/+ -button
8. Start/Stop/Sync/Intro/Ending/
   Fill in/Metronome

9. Panel percussion
10.Sustain/Vibrato/Split
11.One key/Follow
12.Auto Chord
13.Sperkers

## 2.External Functions
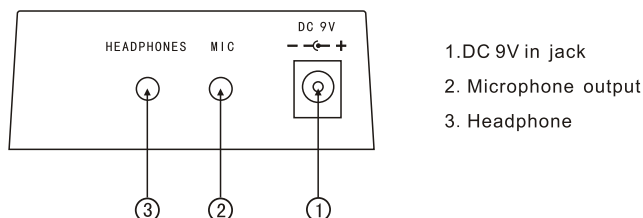


1.DC 9V in jack

2. Microphone output

3. Headphone

## II. Before Performance

## Power Supply

### 1.Using AC-DC power adapter:

Please use the special power adaptor was equipped with this electronic keyboard or the power adaptor with DC 9V out voltage.500mA out current and cental anode plug. Insert the DC plug of power adaptor into the DC 9V power jack in the rear panel of electronic keyboard, then, insert the other end into Mains socket.(Notice: The input voltage of power adaptor must conform to the voltage of Mains),finally turn on power switch and start performance.
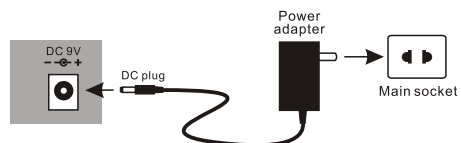


| No. | The name of song | No. | The name of song | No. | The name of song |
|-----|------------------|-----|------------------|-----|------------------|
| 00 | London Bridge Is Falling Down | 17 | Hand in hand | 34 | Prom queen |
| 01 | Fantasy | 18 | Two hundred and fourteen | 35 | Ni Mengruoze |
| 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 | | |

| 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 | Bossanoval | 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 bossanoval | 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 | 230 | Electro1 | 290 | Solo Instrumental |
| 51 | jazz samba | 111 | Euro merengue1 | 171 | Soul Psychedelic1 | 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 |

## II. Before Performance

**Caution:Disconnect the AC power adapter when not using your instrument to prevent possible damage due to power connection for extended period of time.**

### 2.Using batteries:(excluded)

Open the battery compartment cover located  on the bottom  panel of the instrument . Insert eight 1.5V D size LR-20 batteries, being carefully to follow the polarity marking on the cabinet.Replace the comnpartment cover, making sure that  it locks firmly in place..

| ⊖ 1.5V | 1.5V | — · — · — · — · · | 1.5V ⊕ |
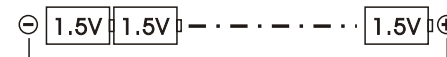
Eight batteries altogether

Caution: When the batteries run down,do not use differert type of batteries at the same time.

Never mix old and new batteries. In case electroyte has leaked into the battery compartment, wipe it off completely before installing new batteries. To prevent possible damage due to battery leakage, remove the batteries from the compartment if it is not to be used for an extended period of time.

### Rear External Connections

#### 1.Using Microphone

A standard electret microphone (3.5mm) can be plugged into microphone jack .

#### 2.Using headphone

A standard pair of headphones can be plugged into Headphone Jack for private practice or late-night playing. The internal speaker system is automatically shut off when a pair of headphones is plugged into the Headphones Jack.

Ø 3.5mm
Headphone output jack   HEAD-PHONES   Ø 3.5mm Headphone plug   Headphone
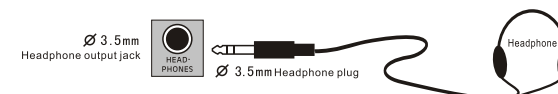
Notice : the additional device in above, you need to purchase by yourself, not include by the keyboard,pls understand.

## III. Basic Operation

### I. Basic playing method

#### 1.Power on

Press Power button to turn the power on ,press again to turn off the power after connecting the AC adapter or  placing well the batteries.

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# III. Basic Operation

## 2.Master Volume

This keyboad has 9 levels volume from 00-08.the default value of the main volume is 07, press the "+" and "−", the main volume will increase or decrease correspondly.And press "+" together with "−" the main volume will recover the default value automationcally .

Master Volume

| − | + |

## Voice

### Selecting Voice

This keyboard has 300 different kinds of voices.The default status for the instrument is VOICE. Press VOICE button when the instrument is not in VOICE STATUS. Choose one of 300 Voices -shown on TABLE OF VOICES. Then enter its number by using numeric Voice BUTTON or by pressing +/- buttons in numeric group buttons to increment/decrement the current voice number.

| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| − | 0 | + |
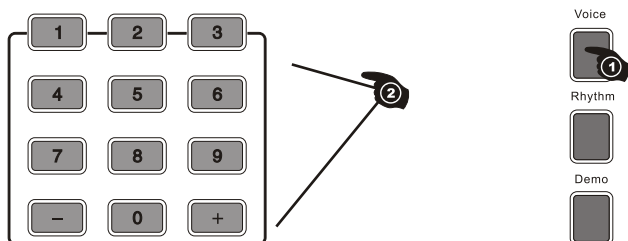
Voice ①
Rhythm
Demo

## Effect and Control

### 1. Keyboard perc

Press Keyboard perc button ,in this case, different Keyboard drum will be played by pressing different key In keyboard. Notes played on keyboard will return to original voice by pressing the Keyboard perc button once again.

Record
Play
Program
Keyboard perc

### 2.Sustain

Press the Sustain button once,the notes played on keyboard will be decayed gradually after lifting your finger from keyboard. Press the Sustain button again to turn the sustain effect off.

| Sustain | Vibrato | Split | One key | Follow |

| 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 | Accordian | 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 Accordian | 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 |

### 3.Chord Clear

Press Chord Clear button to end the auto accompaniment under chord status, the rhythm will being continued to play.

### Recording

1.Press Record button to engage the record mode.Then press any key in keyboard or voice of drums to start recording with Max. 48 while the number being shown on digital display.The recording will be automatically ended while record is full and FUL is shown on digital display. All previous record will be automatically cleared while recording the new one.

2.Press Play button to play the tones you recorded.

3.Press Program button to engage program mode.

Record

Play

Program

### Demo

This keyboard has 50pcs demo,please refer detailed appendix table.Press[Demo]button to play present demo,press this button again,the next demo will be played,to choose different demo by +/- buttons or number buttons.

Voice

Rhythm

Demo

### Teaching function

Press the One key or Follow to enter the teaching function then press the number keys or the +/- button to select different teaching Songs. Press the one key button once again to exit.

One key: No matter you play correctly or not,the song will be automatically played continuously.

| Sustain | Vibrato | Split | One key | Follow |
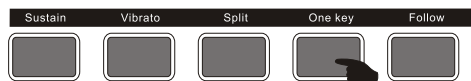
Follow: Follow the display to plecy the note correctly,then play the next note shown automatically on display.

| Sustain | Vibrato | Split | One key | Follow |
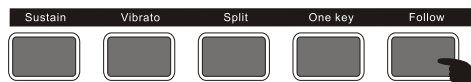
### 3.Vibrato

Press Vibrato button to turn Vibrato effect on. Then the Vibrato effect will be produced by pressing the black/white keys.

| Sustain | Vibrato | Split | One key | Follow |

### 4.Split

Press Split button to divide keyboard into left-hand keyboard and right-hand keyboard.The left 24keys will be left-hand keyboard and the rest part of keys will be divided as right-hand keyboard. The voice on right-hand keyboard can be selected by pressing the number on numeric group buttons.The voice on left-hand keyboard is initially set by producer.Press the button once again to turn Split effect off.

| Sustain | Vibrato | Split | One key | Follow |

### 5.Tempo

Press Tempo button +or - to increase or decrease  the tempo value for rhythm, metronome and demo song. There are 210 tempo value among the range of tempo value from 30-240 beats per minute. Press + or - buttons simultaneously to return to default status at 120 tempo value.

Tempo
| − | + |
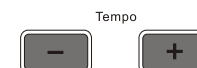
### 6.Transpose

Press Transpose button + or - to increase or decrease the transpose value up and down +/- 6levels and shift the pitch of entire keyboard up and down in semitone intervals.Press the +/- buttons simultaneously to return to default status of keyboard tone.

Transpose
| − | + |
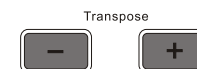
### 7.Metronome

Press the Metronome button.The Beat voice be produced.Select the Metronome voice from 4 Metronome voices which is 1/4 ,2/4,3/4 and 4/4 beats when you play the instrument by pressing the button once more time for different beats.

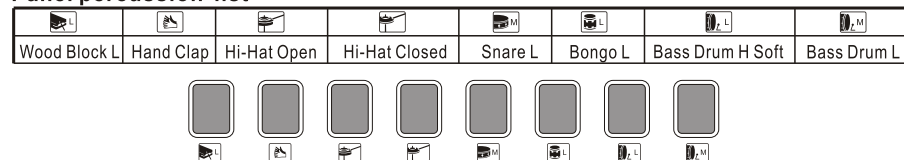| Start/Stop | Sync | Intro/Ending | Fill in | Metronome |

### 8.Top Panel Percussion

Select one of  the Percussion button in 8 buttons and press it   in accordance with the list as follows(total 8 kinds of percussion available for this instrument) to produce the percussion accordingly when you play.

**Panel percussion list**
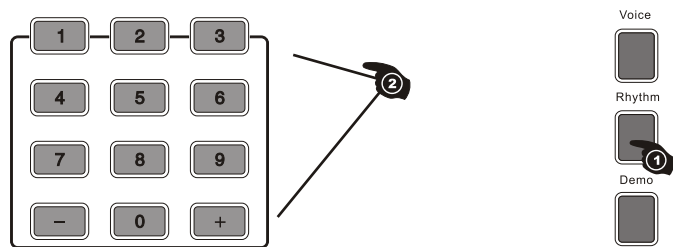
| Wood Block L | Hand Clap | Hi-Hat Open | Hi-Hat Closed | Snare L | Bongo L | Bass Drum H Soft | Bass Drum L |
|---|---|---|---|---|---|---|---|

## Rhythm Accompaniment and its Functions

### 1.Rhythm Selection

Press Rhythm button to start and select the accompaniment from 0 to 299 in accordance with the appendix by pressing the number buttons in numeric group buttons or by pressing +/- button to select the accompaniment.

### 2.Start /stop

Press Start/stop button to start and select the accompaniment from 0 to 299 in accordance with the appendix by pressing the number buttons in numeric group buttons or by pressing +/- button to select the accompaniment.
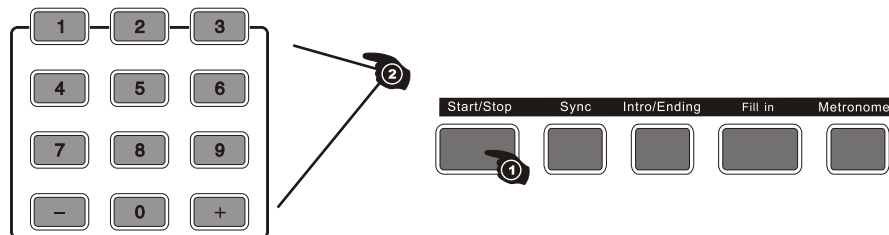
### 3.Sync

Press Sync button to start the Sync effect and press any key of left 19keys to have Rhythm when you play. In this case,the auto chord will be effect when you play any key in left 19keys if chord effect is started.Press the Sync button to end the Rhythm effect and start sync effect when rhythm is being played. Press Sync button to end sync effect when sync effect is running.

### 4.Intro/ending

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

### 5. Fill in

Press Fill-in button to add a short fill in rhythm variation at any time while the rhythm is playing.Then the normal Rhythm will begin from next measure.

### 6.Accomp Volume

There are 8 levels of accomp accompaniment volume.The default level of accompaniment volume is 06. Press + or - button to adjust the accompaniment volume while the selected volume being displayed on digital display. Press the + and - button simultaneously to recall the volume to default status.

## Auto accompaniment

### 1.Single Chord

Press Start/Stop button to start the auto accompaniment.Then press Single Chord to start Single Chord accompaniment.Press any key of left 19 keys of the keyboard to begin Rhythm.Press different key on left keyboard to select different chord.One key you press will always determine the root of the chord you played. Please refer to the following chart of playing C,Miner,Seventh and Miner-seventh Chords in Single finger Mode.Press Start/Stop button again to end the effect.

### 2.Fingered

Press Start/Stop button to start the auto accompaniment.Then press Fingered accompaniment button to start fingered accompaniment.Press any key of left 19 keys of the keyboard to begin rhythm.Press different key on left keyboard to select different chord.Once you play any chord in auto accompaniment section of keyboard,the chord along with rhythm will be automatically begun to play.Please refer to the following chart of playing chord types. Press Start/Stop button again to end the effect.