

61-Key Multifunctional Training Keyboard

OWNER'S MANUAL



Precautions

Read it carefully before proceeding.



- Only apply the designated power supply adaptor. Change it whenever it shows any wear and tear, or goes wrong.
- Neither disassemble the instrument nor make any change inside of it. In case of any anomalous function, stop using immediately and have it repaired by the qualified maintenance personnel.
- Make sure that the both are power off when connecting the instrument with other amplifiers.
- Don't leave the volume working in maximum or in uncomfortable stage for long time.
- Keep the instrument away from the heats, which may result in the damage of the components.
- Stop any liquid, or other particles getting into the instrument, which may corrode the body or result in short circuit.
- Unplug the instrument before cleaning it and avoid using wet hands to plug or unplug it.
- Clean the instrument with a piece of dry and soft cloth without paint, alcohol or other chemical steep.
- Turn off and unplug the instrument after performance or for a long time of leaving it unused.
- Warning! Do not get it close to the ear! Misuse may cause damage to hearing.
- The supply terminals are not to be short-circuited.
- The packing has to be kept since it contains important information.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Maximum Operating Temperature:40°C
- Direct plug-in adaptor is used as disconnect device, the disconnect device shall remain readily operable.
- Do not install this equipment in a confined space such as a book case or similar unit, and remain a well ventilation conditions. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
- Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Warning: Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

Caution: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

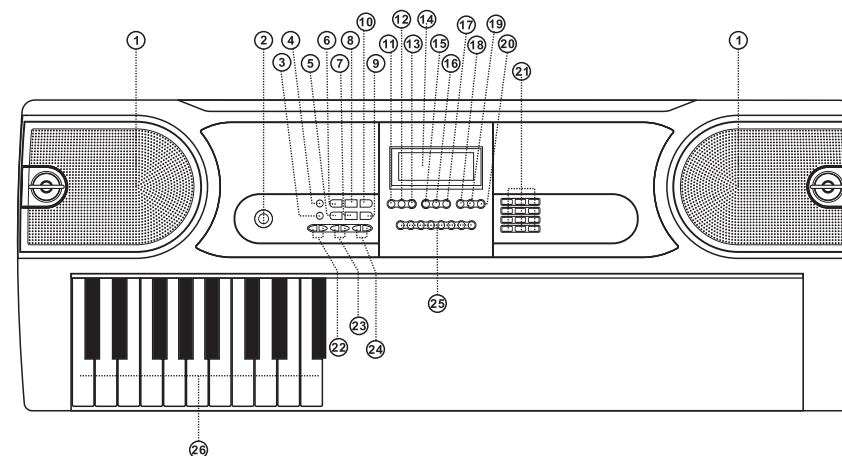
Warning: Excessive sound pressure from earphones and headphones can cause hearing loss.

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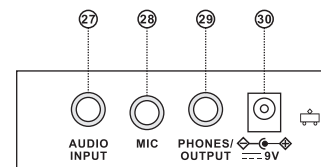
I. Panel Control and External Ports

● Top panel control



- | | | | |
|------------------|-----------------------|-------------|-----------------|
| ① Loudspeaker | ⑧ Sync | ⑮ One-Key | ⑳ Master Volume |
| ② Power | ⑨ Play | ⑯ Follow | ㉓ Accom volume |
| ③ Fingered chord | ⑩ Fill-in | ⑰ Ensemble | ㉔ Tempo |
| ④ Single chord | ⑪ Keyboard Percussion | ⑱ Timbre | ㉕ Percussions |
| ⑤ Record | ⑫ Sustain | ⑲ Rhythm | ㉖ Chord Zone |
| ⑥ Start/Stop | ⑬ Vibrato | ⑳ Demo Song | |
| ⑦ Program | ⑭ LCD screen | ㉑ Numbers | |

● External ports on the rear panel



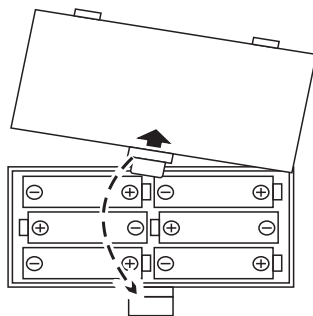
- | |
|-----------------|
| ⑳ AUDIO INPUT |
| ㉓ MIC |
| ㉕ PHONES/OUTPUT |
| ㉖ DC 9V |

II. Performance Preparation

● Battery mounting

6 AA batteries can be used as the power supply for this keyboard. Open the cover of the battery jar at the bottom of the keyboard, check whether the positive and negative electrodes of the battery conforms to the indications, mount the batteries one by one, and then cover the battery jar.

※Low voltage due to long time use will cause low volume or timbre distortion. In this case, replace the battery immediately so as not to impact the performance effect. If the keyboard will be left idle for a long time, please remove the batteries, so as to protect the keyboard components from damage due to battery damp.



● AC/DC Power adaptor

A dedicated AC/DC power adaptor shall be used. Connect the output end of the adaptor to the power port on the rear panel of the keyboard, and then the other end to the power socket.

※(Note: the input voltage to the adaptor shall be compatible with the power supply voltage)

● Audio Output / External Headphone

◆Audio output: firstly, power off the keyboard and the external audio devices, secondly, connect one end of the audio cable to the PHONES/OUTPUT port on the rear panel of the keyboard, and then connect the other end to the audio input port of the audio devices.

◆Headphone connection: When connecting a headphone to the PHONES/OUTPUT port on the rear panel of the keyboard, the loudspeaker will be disenabled automatically. In this way, you can perform without disturbing others.

◆Caution! When using headphone, maintain at an appropriate to protect your hearing.

● Mic Input and Audio Input

◆Mic input: connect a microphone to the MIC port to sing while playing the keyboard.

◆The Keyboard is equipped with a stereo input function. Sound signals from mobile phone, MP3 player, computer and other audio devices can be input into the keyboard system for playing. Firstly turn off the Keyboard, then, connect one end of audio cable to the output port of an audio device, and the other end to the AUDIO INPUT port on the rear panel of the Keyboard, finally, power on the keyboard.

III. Basic Performance Method

When [Power ON/OFF] is pressed, LED screen will turn on and show the current tone, tempo

and other status. Then you may operate the Keyboard as required.

● Master volume adjustment

Press [Master Vol +] or [Master Vol -] to turn up or turn down the master volume. Press [Master Vol +] and [Master Vol -] simultaneously to reset to the default value of "10".

By controlling the master volume the accomp volume can be controlled.

● Accomp volume adjustment

Press [Accomp Vol +] or [Accomp Vol -] to turn up or turn down the accomp volume. Press the [Accomp Vol +] and [Accomp Vol -] simultaneously to reset to the default value of "10".

● Tone selection

The Keyboard provides 255 tones, from "000" to "254", for your selection. When the keyboard is powered on, the Tone Selection function will be enabled automatically, and "TONE" will show on the screen. In the absence of screen, press [Timbre] to enable the tone selection function. The Tone is defaulted to be "000", and it can be adjusted by pressing the corresponding number buttons or pressing the "+" / "-" button.

● Playing Percussion

This Keyboard provides 8 kinds of panel percussions. Press "Percussion" to ply the corresponding precision. Percussion instruments can be added to enhance the atmosphere as required.

This Keyboard provides 61 kinds of keyboard percussions. Press [Percussion] to turn the keyboard into percussion keyboard, and each key corresponds to one percussion instrument. Press this button again to disenable the keyboard percussion function.

● Playing demonstration songs

This Keyboard has stored 24 demo songs, from "000" to "023", for your selection. Press [Demo Song], "SONG" will show on the screen, and demonstration songs will play in order. During playing process, press [Demo Song] to play the next demonstration song, and press [Start/Strop] to stop playing.

During the playing process, you can press the number buttons or the "+" / "-" buttons to select other demonstration song, and the selected demonstration song will play repeatedly.

IV. Auto Rhythm

● Rhythm selection

This Keyboard provides 255 rhythms, from "000" to "254", for your selection, and the rhythm is defaulted to be "000". Press [Rhythm], "RHYM" will show on the screen. Then press the number buttons or the "+" / "-" buttons to select other rhythms.

● Rhythm control

1. Rhythm enabling

◆ Press [start/stop] to start accomp rhythm.

◆ Under the enable state, Press [Sync], "SYN" will show on the screen. The play any key in the chord key zone (the 1st-19th key, from left), the accomp rhythm will be activated.

2. Interlude

After the accomp rhythm is activated, press [Fill-in] to have a temporary rhythm play during the accomp rhythm.

3. Stop rhythm

◆ During the accomp rhythm, press [Start/Stop] the stop the accomp rhythm.

● Tempo adjustment

It tempo is defaulted to be 120 tempo/min, press [Tempo +] or [Tempo -] to increase or decrease the tempo speed. Press the two buttons simultaneously may reset to the default value of 120 tempo/min.

V. Auto Bass Chord

● Single chord

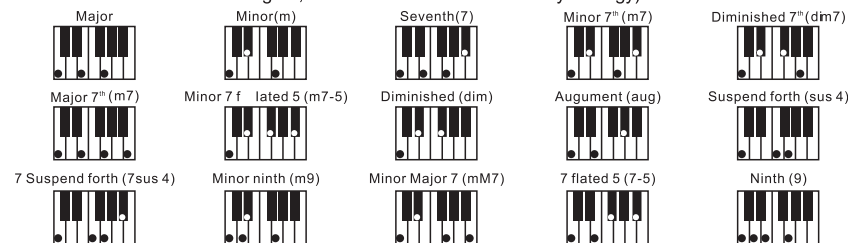
Single chord

Single Chord Fingering

	M	m	7	m7
C				
C#				
D				
D#				
E				
F				
F#				
G				
G#				
A				
A#				
B				

Fingered Chord Fingering (C Key)

(The C key fingered chord fingering is as shown in the following figure, and the rest can be obtained by analogy)



Under the state that the rhythm is activated, press [Single Chord]. After the "SIN" is showed on the screen, you can play a single chord on the keys in the chord zone of the keyboard.

Press [Single] again, "SIN" will disappear from the screen, and the single chord function will be disenabled.

● Fingered chord

Under the state that the rhythm is activated, press [Fingered]. After the "FIN" is showed on the screen, you can play a figured chord on the keys in the chord zone of the keyboard.

Press [Fingered Chord] again, "FIN" will disappear from the screen, and the fingered chord function will be disenabled.

VI. Effect Control

● Sustain function

Press [Sustain], "SUS" will show on the screen, and the sustain effect will be activated. Press this button again, "SUS" will disappear from the screen, and the sustain effect will be disenabled.

● Vibrato function

Press the [Vibrato] button, "VIB" will show on the screen, and the sustain effect will be activated. Press this button again, "VIB" will disappear from the screen, and the sustain effect will be disenabled.

VII. Recording and Rhythm Programming

● Recording

Press [Record] to enable the recording function, "REC" will show on the screen. Under this mode all playing notes will be recorded. When the storage is full, "REC" will flash on the screen, and recording will stop automatically.

◆ Press [Play] to playback the recorded notes, and "PLAY" will show on the screen. On completion of playback, "REC" will show on the screen. You can record a new rhythm, or you can press [Play] to playback the recorded rhythm.

◆Press [Start/Stop] or press [Record] again to disable the recording function, and all recorded rhythm will be removed.

● Rhythm programming

Press [Program] to enable the rhythm programming function, "PRG" will show on the screen, and the keyboard percussion will be activated. Under this mode, you can create custom rhythms by playing the corresponding percussion key.

◆32 percussions can be recorded at maximum, after that "PRG" will flash on the screen, and programming will stop automatically.

◆Press [Play] to playback the programming rhythm.

◆Press [Start/Stop] or press [Program] again to disable the programming function, and all recorded rhythm will be removed.

VIII. Three-step Intelligent Training

● Training I: one key

Press [One Key] to enable the single key training function, "LEARN", "SONG" and the song number will show on the screen, and then press "+"/"-" button to select the song to be learned. One key training aims at duration learning, and there is no requirement on pitch or creativeness. This mode allows for mistakes when playing the keys, but the keyboard still plays correct notes, and the screen will show the correct notes.

After one song is finished, repeat the current song to be learned.

Press [Start/Stop] or press the [Single Key] button to disable the training function.

● Training II: Follow

Press [Follow] to enable the follow function, "LEARN", "SONG" and the song number will show on the screen, and then press "+"/"-" button to select the song to be learned. With [Follow] training, you can learn by following the correctly playing notes. You can also learn by following the notes show on the screen, it will wait for you to play the correct note before it moves to the next one.

※Notes: Under this state, the Keyboard plays only the correct notes, and gives no response to the wrong notes.

Press [Start/Stop] or press [Follow] to disable the training function.

● Training III: Ensemble

Press [Ensemble] to enable the ensemble function, "LEARN", "SONG" and the song number will show on the screen, and then press "+"/"-" button to select the song to be learned. The Ensemble training aims at the correct and comprehensive learning of the song duration and notes. The keynote will be shielded for ensemble, and you need to play the correct note according to the correct duration of the song. If you fail to play within 3 seconds, the keyboard will automatically play the correct note.

After one song is finished, repeat the current song to be learned.

Press the [Start/Stop] button or press [Ensemble] to disable the training function.

Appendix I. Timbre Table

Refer to the unie panel	146 Vibrato Vibraphone 4	201 Long Harp 4
000-092	147 Vibrato Accordion 3	202 String Ensemble 8
093 Alto Sax 4	148 Acoustic Bass 6	203 Trumpet 6
094 Clarinet 4	149 Electric Bass 7	204 Synth Brass 9
095 Lead Square 3	150 Edge Violin 7	205 Alto Sax 10
096 Vibrato Piano 3	151 Edge Viola 7	206 Clarinet 10
097 Vibrato Music Box 3	152 Edge Cello 8	207 Lead Square 9
098 Vibrato Vibraphone 3	153 Long Harp 1	208 Long Piano 4
099 Vibrato Accordion 2	154 String Ensemble 5	209 Long Music Box 3
100 Long Acoustic Bass 1	155 Edge Trumpet 6	210 Long Vibraphone 2
101 Vibrato E-Bass 2	156 Edge Synth Brass 4	211 Accordion 3
102 Edge Violin 5	157 Edge Sax 3	212 Acoustic Bass 9
103 Edge Viola 5	158 Edge Clarinet 3	213 Long E-Bass 3
104 Edge Cello 5	159 Edge Square 4	214 Violin 6
105 Harp 6	160 Acoustic Grand Piano 5	215 Viola 6
106 String Ensemble 4	161 Vibrato Music Box 6	216 Cello 6
107 Trumpet 4	162 Vibrato Vibraphone 5	217 Long Harp 5
108 Synth Brass 6	163 Edge Accordion 6	218 String Ensemble 9
109 Alto Sax 5	164 Acoustic Bass 7	219 Edge Trumpet 8
110 Clarinet 5	165 Long E-Bass 2	220 Edge Synth Brass 5
111 Lead Square 4	166 Violin 4	221 Alto Sax 11
112 Vibrato Piano 4	167 Viola 4	222 Clarinet 11
113 Vibrato Music Box 4	168 Cello 3	223 Edge Square 5
114 Vibraphone 4	169 Long Harp 2	224 Acoustic Grand Piano 7
115 Edge Accordion 4	170 String Ensemble 6	225 Music Box 6
116 Long Acoustic Bass 2	171 Edge Trumpet 7	226 Vibraphone 7
117 Long E-Bass 1	172 Synth Brass 7	227 Edge Accordion 8
118 Violin 3	173 Alto Sax 8	228 Acoustic Bass 10
119 Viola 3	174 Clarinet 8	229 Long E-Bass 4
120 Edge Cello 6	175 Lead Square 7	230 Violin 7
121 Harp 7	176 Long Piano 3	231 Edge Viola 9
122 Edge String 4	177 Long Music Box 2	232 Edge Cello 9
123 Edge Trumpet 4	178 Vibrato Vibraphone 6	233 Harp 9
124 Edge Synth Brass 2	179 Vibrato Accordion 4	234 Edge String 6
125 Alto Sax 6	180 Vibrato Acoustic Bass 3	235 Edge Trumpet 9
126 Clarinet 6	181 Vibrato E-Bass 3	236 Synth Brass 10
127 Lead Square 5	182 Violin 5	237 Alto Sax 12
128 Acoustic Grand Piano 4	183 Viola 5	238 Clarinet 12
129 Music Box 4	184 Cello 4	239 Lead Square 10
130 Vibraphone 5	185 Long Harp 3	240 Long Piano 5
131 Edge Accordion 5	186 String Ensemble 7	241 Long Music Box 4
132 Acoustic Bass 5	187 Trumpet 5	242 Long Vibraphone 3
133 Electric Bass 6	188 Synth Brass 8	243 Edge Accordion 9
134 Edge Violin 6	189 Alto Sax 9	244 Acoustic Bass 11
135 Edge Viola 6	190 Clarinet 9	245 Electric Bass 9
136 Edge Cello 7	191 Lead Square 8	246 Edge Violin 9
137 Harp 8	192 Acoustic Grand Piano 6	247 Edge Viola 10
138 Edge String 5	193 Music Box 5	248 Edge Cello 10
139 Edge Trumpet 5	194 Vibraphone 6	249 Harp 10
140 Edge Synth Brass 3	195 Edge Accordion 7	250 Edge String 7
141 Alto Sax 7	196 Acoustic Bass 8	251 Edge Trumpet 10
142 Clarinet 7	197 Electric Bass 8	252 Edge Synth Brass 6
143 Lead Square 6	198 Edge Violin 8	253 Edge Sax 4
144 Long Piano 2	199 Edge Viola 8	254 Edge Clarinet 4
145 Vibrato Music Box 5	200 Cello 5	

Appendix II. Rhythm Table

Refer to the unie panel	159 Tijuana Beat 1	208 Jazz Beat 4
000-111	160 Electro Pop 2	209 Jazz Beat 3
112 Big Band Middle 4	161 Fusion 2	210 Jazz Club 3
113 Big Band Fast 1	162 Hip Beat 1	211 Jazz Big Band 3
114 Big Band Fast 2	163 Limbo Rock 2	212 Pub Piano 3
115 Bolero 2	164 Acoustic Ballad 2	213 Swing Beat 2
116 Cat Groove 2	165 Piano Ballad 2	214 Slow & Easy 3
117 Classic Piano 2	166 R&B Ballad 2	215 Reggae 3
118 Cumbia 2	167 Rock Ballad 2	216 Rock Ballad 3
119 Funky Disco	168 Reggae 2	217 R&B Ballad 3
120 Latin Beat	169 Slow & Easy 2	218 Piano Ballad 3
121 Ober Polka 2	170 Swing Beat 1	219 Acoustic Ballad 3
122 Unplugged 2	171 Pub Piano 2	220 Limbo Rock 3
123 Saturday Night 2	172 Jazz Big Band 2	221 Hip Beat 2
124 Pop Ballad 2	173 Jazz Club 2	222 Fusion 3
125 Blue Grass 4	174 Jazz Beat 1	223 Electro Pop 3
126 Blue Grass 5	175 Jazz Beat 2	224 Tijuana Beat 2
127 Blue Grass 6	176 Jazz Rock 2	225 Tarantella 3
128 Slow Soul 2	177 Salsa 2	226 Schlager Alp 2
129 Bright Pop 1	178 Analog Ballad 2	227 Schlager Rock 4
130 Club Latin 2	179 Show Tune 2	228 Samba 5
131 Disco Chocolate 2	180 68 Beat Blues 1	229 Samba 6
132 Disco Fox 2	181 16 Beat Ballad 1	230 Pasodoble 3
133 Disco Funk 2	182 68 Beat Ballad 1	231 Modern R&B 3
134 Disco Hands 2	183 Big Band Ballad 1	232 Modern Country Pop 3
135 Disco Latin 2	184 West Shuffle	233 Medium Jazz 3
136 Disco Party 2	185 Calypso	234 Love Song 3
137 Disco Samba 2	186 Casa	235 Jive 3
138 Dixie Jazz 2	187 Chrleston	236 Hully Gully 3
139 Pop New Age 2	188 Detroit	237 Hard Rock 3
140 UK Pop 3	189 Dance Pop	238 Country Ballad 3
141 USA March 2	190 Espag Nol	239 8 Beat Modern 3
142 Club Dance 2	191 Fast Gospel	240 Rumba 3
143 Rumba 2	192 Ground Beat	241 Club Dance 3
144 8 Beat Modern 2	193 Guad Dance	242 USA March 3
145 Country Ballad 2	194 Modern Cha Cha	243 UK Pop 4
146 Hard Rock 2	195 Merengue	244 Pop New Age 3
147 Hully Gully 2	196 Pasodobl	245 Dixie Jazz 3
148 Jive 2	197 Rave	246 Disco Samba 3
149 Love Song 2	198 Sy Boogie	247 Disco Party 3
150 Medium Jazz 2	199 Seville	248 Disco Latin 3
151 Modern Country Pop 2	200 Big Band Ballad 2	249 Disco Hands 3
152 Modern R&B 2	201 68 Beat Ballad 2	250 Disco Funk 3
153 Pasodoble 2	202 16 Beat Ballad 2	251 Disco Fox 3
154 Samba 3	203 68 Beat Blues 2	252 Disco Chocolate 3
155 Samba 4	204 Show Tune 3	253 Club Latin 3
156 Schlager Rock 3	205 Analog Ballad 3	254 Bright Pop 2
157 Schlager Alp 1	206 Salsa 3	
158 Tarantella 2	207 Jazz Rock 3	