Appendix Timbre Table

000-104	135 Celesta 3	167 Synth Strings 2	199 Reverse Cymbal	231 Electric Guitar (Muted) 2
Refer to the unit panel	136 Glockenspiel 1	168 Choir Aahs 1	200 Bassoon 2	232 Electric Guitar (Clean) 4
105 Wind Organ	137 Marimba 3	169 Voice Oohs 1	201 English Horn 3	233 Electric Guitar (Jazz) 2
106 Viola Attack	138 Xylophone 2	170 Synth Voice 1	202 Oboe 2	234 Acoustic Guitar (Steel) 2
107 Bari & Tenor	139 Tubular Bells 2	171 Orchestra Hit 1	203 Baritone Sax 2	235 Acoustic Guitar (Nylon) 2
108 Soft Sax 2	140 Dulcimer 3	172 Trombone 1	204 Tenor Sax 3	236 Tango Accordion 2
109 Attack Harp 2	141 Drawbar Organ 1	173 Tuba 1	205 Soprano Sax 2	237 Harmonica 2
110 Didgeridoo 2	142 Percussive Organ 1	174 Muted Trumpet 1	206 Synth Brass 3	238 Reed Organ 4
111 Dual Horns 2	143 Rock Organ 1	175 French Horn 1	207 Brass Section 2	239 Church Organ 2
112 Hard Barsoon 2	144 Church Organ 1	176 Brass Section 1	208 French Horn 2	240 Rock Organ 2
113 Kawala 2	145 Reed Organ 3	177 Synth Brass 2	209 Muted Trumpet 2	241 Percussive Organ 2
114 Soft Guitar 2	146 Harmonica 1	178 Soprano Sax 1	210 Tuba 2	242 Drawbar Organ 2
115 Mute Barafon 2	147 Tango Accordion 1	179 Tenor Sax 2	211 Trombone 2	243 Dulcimer 4
116 Lead (Sawtooth)	148 Acoustic Guitar (Nylon) 1	180 Baritone Sax 1	212 Orchestra Hit 2	244 Tubular Bells 3
117 Lead (Calliope)	149 Acoustic Guitar (Steel) 1	181 Oboe 1	213 Synth Voice 2	245 Xylophone 3
118 Lead (Bass+Lead)	150 Electric Guitar (Jazz) 1	182 English Horn 2	214 Voice Oohs 2	246 Marimba 4
119 Pad (Warm)	151 Electric Guitar (Clean) 3	183 Bassoon 1	215 Choir Aahs 2	247 Glockenspiel 2
120 Sitar	152 Electric Guitar (Muted) 1	184 Piccolo	216 Synth Strings 3	248 Celesta 4
121 Banjo	153 Overdriven Guitar 1	185 Flute	217 Synth Strings 4	249 Clavi 4
122 Shamisen 2	154 Distortion Guitar 1	186 Recorder	218 String Ensemble 3	250 Harpsichord 3
123 Koto 3	155 Electric Bass (Pick) 1	187 Pan Flute	219 Timpani 2	251 Chorused Piano 2
124 Kalimba 3	156 Fretless Bass 1	188 Blown Bottle	220 Pizzicato Strings 2	252 Rhodes Piano 2
125 Bag Pipe 2	157 Slap Bass 1	189 Shakuhach	221 Tremolo Strings 2	253 Honky-tonk Piano 2
126 Fiddle	158 Slap Bass 2	190 Whistle	222 Contrabass 2	254 Electric Grand Piano 2
127 Shanai 2	159 Synth Bass 1	191 Ocarina	223 Synth Bass 3	
128 Trumpet 2	160 Synth Bass 2	192 Tinkle Bell	224 Synth Bass 4	
129 Electric Grand Piano 1	161 Contrabass 1	193 Agogo	225 Slap Bass 3	
130 Honky-tonk Piano 1	162 Tremolo Strings 1	194 Steel Drums	226 Slap Bass 4	
131 Rhodes Piano 1	163 Pizzicato Strings 1	195 Woodblock 2	227 Fretless Bass 2	
132 Chorused Piano 1	164 Timpani 1	196 Taiko Drum	228 Electric Bass (Pick) 2	
133 Harpsichord 2	165 String Ensemble 2	197 Melodic Tom	229 Distortion Guitar 2	
134 Clavi 3	166 Synth Strings 1	198 Synth Drum	230 Overdriven Guitar 2	

Appendix Rhythm Table

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

max

## 61-KEY ELECTRONIC TEACHING KEYBOARD
KB4 Owner's Manual
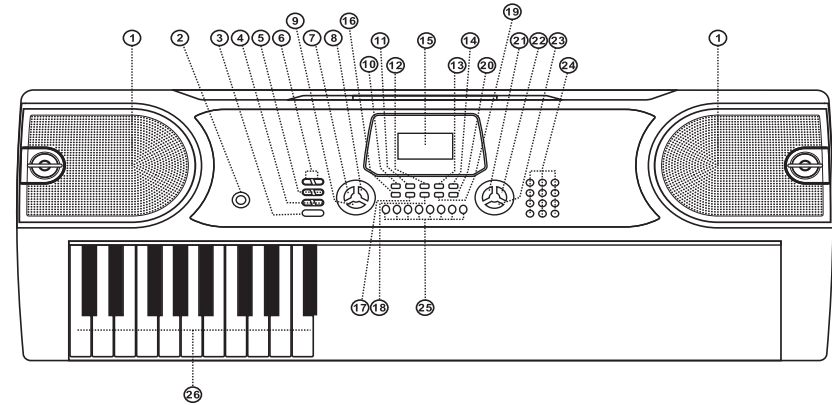
Warning – Do not use if instrument or any accessories are damaged. Do not open, disassemble, or attempt to modify the instrument. If service is needed take the machine to a qualified repair center only. Keep away from water or moisture as electrical shock may occur. Keep the instrument away from excess heat, and keep ventilation openings clear. Spot clean with a soft dry cloth only.

Front Panel Controls:

1. Speakers
2. 【POWER】
3. 【KEYBOARD PERCUSSION】
4. 【TEMPO】
5. 【ACCOM VOL】
6. 【MASTER VOL】
7. 【SYNC】
8. 【FILL-IN】
9. 【START / STOP】
10. 【SUSTAIN】
11. 【VIBRATO】
12. 【ONE KEY】
13. 【FOLLOW】
14. 【ENSEMBLE】
15. LCD Screen
16. 【SINGLE CHORD】
17. 【FINGERED CHORD】
18. 【REC】 button
19. 【PROG】
20. 【PLAY】
21. 【TIMBRE】
22. 【RHYTHM】
23. 【DEMO SONG】
24. Numeric pads
25. Panel Percussion buttons
26. Chord Section

Rear-Panel Controls:
27. 【AUDIO INPUT】 jack
28. 【MIC】 jack
29. 【PHONES/OUTPUT】 jack
30. 【DC 9V】 power adaptor jack
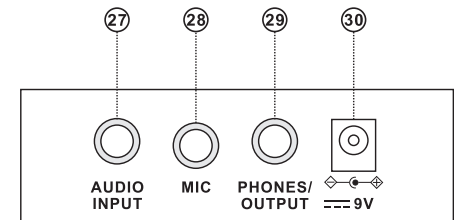
Ref Nr.: 130.108

II. Preparation for Use

- **Battery power –** For use without an AC/DC power adaptor, this instrument requires the use of six "AA" batteries. Remove the back-panel battery cover and load the batteries one by one, ensuring correct polarity. Replace the cover when the compartment is fully loaded. Note: The use of new alkaline batteries is recommended. Weak batteries will result in distortion and decreased volume and should be replaced. Always remove the batteries when the instrument is stored and not in use for an extended period.

- **AC/DC power adaptor –** For use with a power adaptor, connect the output plug of the adapter to the 【DC 9V】 jack on the rear panel, then connect the other end to a suitable electrical outlet. The use of non-original or aftermarket adaptors is not recommended. Never unplug the adaptor or plus by pulling on the cord.

- **Headphones (not included with all models)** – Connect headphones to the 【PHONES】 jack. The internal stereo speakers will be automatically shut off when earphones are plugged into the 【PHONES】 jack. Caution: Listening to headphones or earphones at moderate or high volume levels may damage your hearing!

- **Audio outputs -** When connecting to external amplifiers, first turn off power to both the amplifier and keyboard and plug the right end of the audio cable into the 【PHONES/OUTPUT】 terminal on the rear panel and the other end to the amplifier or external device. Last power the keyboard and amplifier on.

- **Microphones (not included with all models) -** By connecting the keyboard to a microphone via the 【MIC】 jack, you can sing songs while playing the keyboard.

- **Audio inputs -** The instrument is equipped with a built-in stereo input function. You can utilize the instrument for this use by connecting it to your mobile phone, MP3, computer or any other input devices. Before connecting, first turn off the instrument and plug the right end of the audio cable into either side of the 【 AUDIO INPUT】 jack on the rear panel and the other end to the external device. Then turn the instrument on.

III. Basic Operation

Press the 【POWER】 switch to turn on the instrument with "120" appearing on the LCD screen. The instrument cannot be played until "120" displays. The instrument is equipped with a power-saving function. The instrument will automatically enter sleeping mode without being touched or operated for 15 minutes. All parameters will be reset after entering sleep mode. You can press ANY button to wake up the instrument.

● **Master Volume**

Press the 【MASTER VOL+】 or 【MASTER VOL-】 button to increase or decrease the master volume. Pressing 【MASTER VOL+】 and 【MASTER VOL-】 simultaneously will reset the master volume to the default value. Adjustment of the master volume will also impact ACMP volume. Do not leave the volume at maximum level for any extended period.

● **ACCOM Volume**

Press the 【ACCOM VOL+】 or 【ACCOM VOL-】 button to increase or decrease the Accompaniment volume. Pressing 【ACCOM VOL+】 and 【ACCOM VOL-】 simultaneously will reset the Accompaniment volume to the default value.

● **Selecting Timbres**

You can select timbres at the initial interface or press the 【TIMBRE】 button to initiate timbre operation. The instrument features 255 timbres from code 000 to 254. You can change the current timbre by pressing the numbers or 【+】 / 【-】 on the numeric pads.

● **Percussions**

The instrument features 8 panel percussions with pictures below the buttons. Press the panel percussion buttons according to the underlying pictures for desired percussions.

The instrument also features 61 keyboard percussions. Press the 【KEYBOARD PERCUSSION】 button to enable the keyboard percussion function. Select the sound to play by pressing the key corresponding to the picture above it. Press the 【KEYBOARD PERCUSSION】 button again to disable the function.

● **Demonstrations**

The instrument provides 24 demonstration songs from code 00 to 23. Press the 【DEMO SONG】 button to play all of the demonstration songs in sequence. Pressing the 【DEMO SONG】 button again while it's playing a song will skip the current demonstration and jump to the next song. Press the 【START/STOP】 button again to stop the demonstration songs. To switch to another song, press the numbers or 【+】 / 【-】 on the numeric pads. The chosen song will be played in a single cycle.

IV. Auto-Rhythm

● **Selecting a Rhythm**

The instrument features 255 rhythms varying from 000 to 254. Press the 【RHYTHM】 button to initiate rhythm selection function. To switch to another the rhythm, tap the corresponding number or 【+】 / 【-】 on the numeric pads. You can press the 【START/STOP】 button to switch between timbre selection function or rhythm selection function.

1.To start a rhythm
1) Press the 【START/STOP】 button to start the accompaniment rhythm.
2) Press the 【SYNC】 button to initiate "SYN" display, and then press any key in the Chord Section (i.e. the leftmost 19 keys on the keyboard) to start the rhythm and accompaniment simultaneously.
2. Press the 【FILL IN】 button to punch in an interlude during the rhythm.
3.To stop the rhythm
Press the 【START/STOP】 button during the rhythm to stop the rhythm immediately.

● **Adjusting the Tempo**

Press the 【TEMPO+】 or 【TEMPO-】 button to quicken or slow the tempo. Pressing the 【TEMPO+】 and 【TEMPO-】 buttons simultaneously will reset the tempo to the default value at 120 beats per minute.

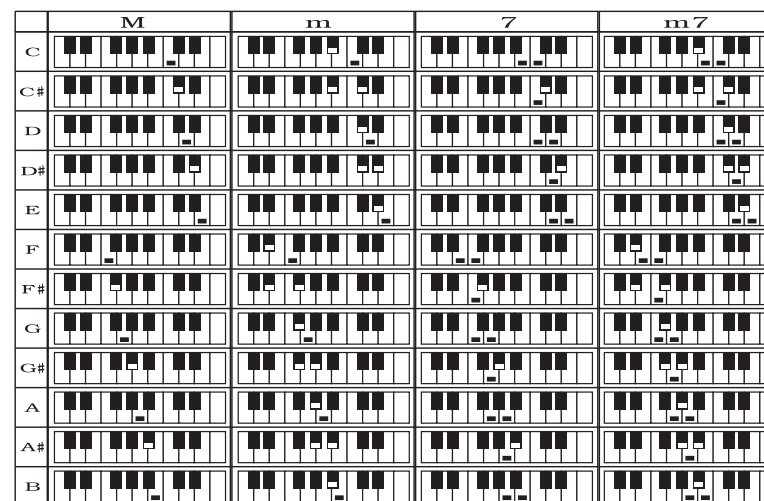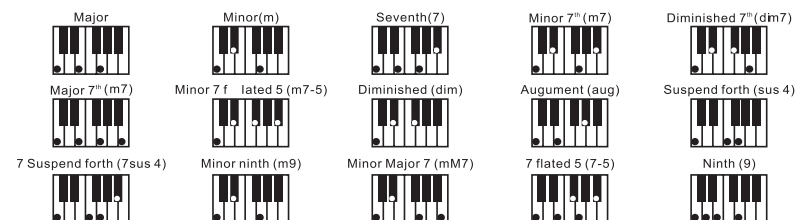# V. Auto Bass Chord

● **Single Chord**

When the rhythm is activated, press [SINGLE CHORD]. After the "Sin" is shown on the screen, you can play a single chord on the keys in the chord zone of the keyboard.

Press [SINGLE CHORD] again, "OFF" will be shown on the screen, and the single chord function will be disenabled.

Single-Finger Chord Scales

Fingered Chord Scales

● **Fingered Chord**

When the rhythm is activated, press [FINGERED CHORD]. After the "Fin" is shown on the screen, you can play a fingered chord on the keys in the chord zone of the keyboard.

When [FINGERED CHORD] is pressed again, "OFF" will show on the screen, and the fingered chord function will be disenabled.

VI. Voice Effects

● **Sustain**

Press the 【SUSTAIN】 button to add sustain effect to your performance. Press 【SUSTAIN】 button again to disable the function.

● **Vibrato**

Press the 【VIBRATO】 button to add vibrato effect to your performance. Press 【VIBRATO】 button again to disable the function.

VII. Recording and Programming

● **Recording**

Press the 【REC】 button to initiate "REC" display. This function allows you to record and save your performance throughout "RECORD" status. When storage is full, "FUL" will appear in the display, and further recordings will stop automatically.

Press the 【PLAY】 button to play the recorded notes, with "PLA" appearing on the screen. You can press the 【PLAY】 button without finishing the recording. The instrument will play back the current recording and continue recording after the playback with "REC" appearing on the screen. Press the 【PLAY】 button again to stop the playback.

Press the 【START/STOP】 button again to disable the recording function. Your recording will be deleted after you exit from the function.

● **Programming**

Press the 【PROG】 button to initiate "PRG" display. The keyboard percussions function will be enabled automatically. You can tap the corresponding keys to program up to 32 unique rhythms, with "FUL" appearing on the screen.

Press the 【PLAY】 button to play back the programmed rhythms.

Press the 【START/STOP】 or press the 【PROG】 button again to exit from the programming function. The programmed songs will be deleted after you exit from the function.

VIII. Intelligent Guide Function

● **One Key**

Press the 【ONE KEY】 button to initiate ONE KEY tutorial. Select the desired song for practicing by pressing the numbers or 【+】 / 【-】 in the numeric pads. With this function, you can play the melody of a song just by pressing ANY single key in accordance with the rhythm. The playback will continue by pressing any keys. Simply play a key in time with the music and the playback will continue.

Press the 【START/STOP】 button or press the 【ONE KEY】 button again to exit from the function.

● **Follow**

Press the 【FOLLOW】 button to initiate FOLLOW tutorial. Select your desired song for practicing by pressing the numbers or 【+】 / 【-】 in the numeric pads. In this function, the instrument will wait until you can play the notes correctly. The instrument will continue the playback if you play the notes incorrectly.

Press the 【START/STOP】 button or press the 【FOLLOW】 button again to exit from the function.

● **Ensemble**

Press the 【ENSEMBLE】 button to enable ENSEMBLE tutorial with "GUIDE" appearing on the LCD. Select the desired song for practicing by pressing the numbers or 【+】 / 【-】 in the numeric pads.

This function is designed for practicing both pitch and timing. When the function is selected, the song playback will mute the keynotes and wait for you to play the notes correctly, unless you cannot catch it within 3 seconds. If this happens, the keyboard will automatically replay the keynote.

Press the 【START/STOP】 button or press the 【ENSEMBLE】 button again to exit from the function.