# AXUS

## Axus AXP2L Light Up Portable Electronic Keyboard

## Owner's Manual

## NOTICE
### Please read over the NOTICE before use!

## ⚠ NOTICE

- Dedicated power adapter shall be used, and in case of adaptor damage, replace it immediately
- The keyboard can only be disassembled by professionals, and no change can be made to the internal structure. In case of any functional abnormality during performance, stop performing immediately and send the keyboard to professionals for maintenance.
- When connecting the keyboard to other device, ensure both the keyboard and the device to be connected are powered off before connection.
- Do not turn and keep the volume to the maximum or to an uncomfortable degree for a long time when performing
- Keep the keyboard away from heat source to protect its parts from damage.
- Prevent liquid, dust, small particle and other foreign matters from entering the case of the keyboard, for which may result in element short circuit.
- Pull out the plug before cleaning the keyboard, and do not pull out the plug with wet hand.
- Please use dry and soft cloth to clean the keyboard. Paint, alcohol or other chemical solvents shall not be used for cleaning, for which may damage the keyboard surface.
- Please pull out the plug after performing or when the keyboard is left unused for a long time.
- **WARNING:** The direct plug-in adapter is used as disconnect device, the disconnect device shall remain readily operable.

🗑 

- ▬▬ Correct disposal of this product. This marking indicates that this product should not be disposed with other household wastes 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.

| | |
|---|---|
| --- --- --- | DC voltage |
| ⬦—●—⬦ | Polarity of d.c. power connector |
| ⚠ 📖 | Caution: Please refer for further information to the user manual |

## I. Panel Control and External Ports

### ● Top panel control
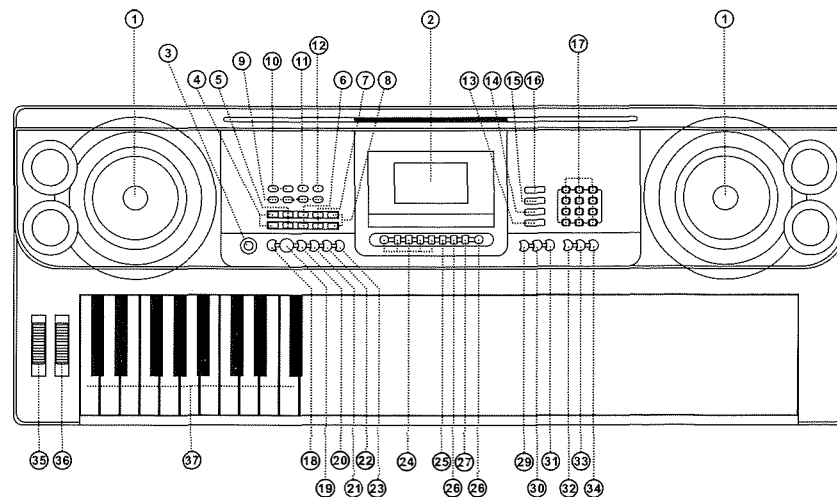


| | | | | |
|---|---|---|---|---|
| ① Loudspeaker | ⑨ Chord mat | ⑰ Numbers | ㉕ Program | ㉝ Follow |
| ② LCD display | ⑩ Tempo | ⑱ Sync | ㉖ Play | ㉞ Ensemble |
| ③ Power | ⑪ Key light | ⑲ Start/Stop | ㉗ Recording | ㉟ Pitch bend |
| ④ Master Volume | ⑫ Touch | ⑳ Fill-in | ㉘ Metronome | ㊱ Vibrato |
| ⑤ Chord Volume | ⑬ Keyboard Percussion | ㉑ Single | ㉙ Sustain | ㊲ Chord Zone |
| ⑥ Rhythm Volume | ⑭ Demo Song | ㉒ Fingered | ㉚ Dual | |
| ⑦ Transpose | ⑮ Rhythm | ㉓ Chord OFF | ㉛ SPLIT | |
| ⑧ Tuning | ⑯ Timbre | ㉔ Memory | ㉜ One Key | |

### ● Rear panel port



㊳ MIDI: USB–MIDI
㊴ AUDIO INPUT
㊵ MIC
㊶ PHONES/OUTPUT
㊷ DC 12V

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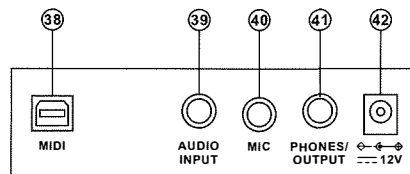
## II. Preparation before Playing

### ● 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 of the adaptor shall be compatible with the power supply voltage)

### ● Audio Output / External Headphone

◆ Audio output: firstly, turn 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 device.

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

※ Note! When using headphone, do not turn up and keep the volume to the maximum for a long time, for which may cause hearing loss.

### ● Mic Input and Audio Input

◆ Mic input: connect a microphone to the MIC port, and then you can sing while playing the keyboard.

◆ With the 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, turn on the keyboard.

### ● MIDI Interface

The keyboard is provided with USB-MIDI interface, which can be used for connection with mobile phone and laptop. Firstly, down load APP training software, and connect the keyboard with the intelligent equipment, which may facilitate training and learning.

**Connection method:**

The USB-MIDI interface on the keyboard can also be used for connection with music equipment and computer with MIDI. Melody played with this keyboard can be output to the computer, and further recording, composing and editing can be realized through computer and software. In addition, MIDI music stored in the computer can be input to the keyboard for playing.

**Connection Method:**

(1) Connect the keyboard and computer with common USB cable, and press the power ON/OFF button.

(2) Install the music editing software (such as CAKEWALK) in the computer, and launch the software, and then select MIDI input and output interface in the software.

## III. Basic Playing Method

Press [Power ON/OFF], LCD screen will turn on and show the current tone, tempo, volume and other status. The luminous function is enabled by default.

### ● Key Light

With the luminous keyboard, when under the modes of playing, luminous keyboard three-step training, demo song playing and USB-MIDI music input, the keyboard will light on for instruction. The luminous function is defaulted to be enabled, press [KEY LIGHT] to enable or disenable the luminous function.

### ● 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 your keyboard to the default values.

The master volume can also control the rhythm volume and the chord volume.

### ● Timbre Selection

The keyboard provides 512 timbres, from "000" to "511" for your selection. When starting the keyboard, the timbre selection function will be activated automatically, and "Tone" will show on the screen. In the absence of "Tone", Press [TIMBRE] to enable to tone selection function. The timbre is defaulted to be "000", and it can be adjusted by pressing the corresponding number buttons or pressing the "+" / "-" buttons.

### ● Keyboard Percussion

Press [Keyboard Percussion] to activate the percussion function. Under this mode, users can play the keyboard to produce corresponding percussions. Press this button again to disenable the keyboard percussion function.

### ● Playing Demos

65 demos are stored in the keyboard, from "000" to "064" for your selection. Press [Demo Song], and the demo song will play in order, and you can press the "+" / "-" buttons to select other demo.

When playing the songs, you can press the number buttons to select the corresponding demos, and the selected demos will play in a loop.

# IV. Auto Rhythm

## ● Rhythm Selection

This Keyboard provides 260 rhythms, from "000" to "259" for your selection, and the default rhythm is "000". Press [Rhythm] to enable the rhythm selection function, and "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 accompaniment.
   ◆ When the rhythm function is inactivated, press [Sync], metronome will flash on the screen. Then play any key in the chord key zone (the 1st-19th key, from left), the accompaniment rhythm will be activated.
2. Interlude
After the rhythm is activated, press [Fill-in] and an interlude will be automatically inserted into the rhythm .
3. Stop Rhythm
During the accompaniment rhythm, press [Start/Stop] the stop the accompaniment rhythm.

## ● Metronome

The metronome contains four tempos, 1/4, 2/4, 3/4 and 4/4, respectively. Press [Metronome] continuously to select four tempos one by one. Press [Metronome] again to stop the tempo.

## ● Tempo Adjustment

Press [Tempo +] or [Tempo –] to increase or decrease the rhythm speed, and press the two buttons at the same time to reset to the default.

## ● Rhythm Volume Adjustment

Press [Rhythm Vol ▲] or [Rhythm Vol ▼] to turn up or turn down the rhythm volume. Press [Rhythm Vol ▲] and [Rhythm Vol ▼] at the same time to reset to the default.

# V. Auto Bass Chord

## ● Fingered Chord

Press [Fingered ] to enable the chord function, and "Finger" will show on the screen. Under the rhythm activated mode, you can play in the chord key zone (the 1st-19th key, from left) with fingered chord fingering to obtain automatic chord accompaniment; while under the rhythm disenable mode, you can play chord accompaniment manually.
Press [Fingered] or [Chord OFF] to disenable the chord function, and "Finger" will disappear from the screen.
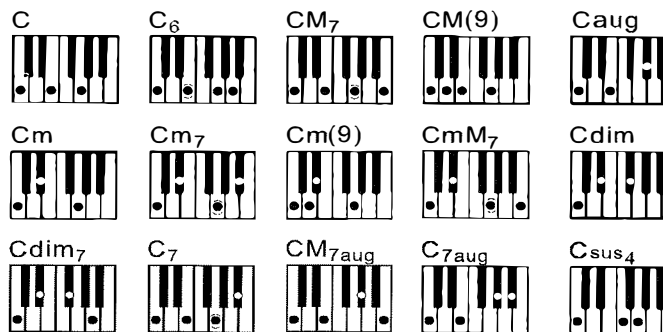
## ● Single Chord

Press [Single ] to enable the chord function, and "Single" will show on the screen. Under the rhythm activated mode, you can play in the chord key zone (the 1st-19th key, from left) with single chord fingering to obtain automatic chord accompaniment; while under the rhythm disenable mode, you can play chord accompaniment manually.
Press [Single] or [Chord OFF] to disenable the chord function, and "Single" will disappear from the screen.

### 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)



C   $C_6$   $CM_7$   $CM(9)$   Caug

Cm   $Cm_7$   $Cm(9)$   $CmM_7$   Cdim

$Cdim_7$   $C_7$   $CM_{7aug}$   $C_{7aug}$   $Csus_4$

## ● Chord Volume Adjustment

Press [Chord Vol ▲] or [Chord Vol ▼] to turn up or turn down the chord volume. Press [Rhythm Vol ▼] and [Rhythm Vol ▲] at the same time to reset to the default.

## ● Chord Mat

During playing, you can press any of the Chord Mat buttons (1, 2, 3, 4) to add a section of broken background chord to enhance the melody.

## Single Chord Fingering

| | M | m | 7 | m7 |
|---|---|---|---|---|
| C | | | | |
| D♭ | | | | |
| D | | | | |
| E♭ | | | | |
| E | | | | |
| F | | | | |
| F♯ | | | | |
| G | | | | |
| G♯ | | | | |
| A | | | | |
| B♭ | | | | |
| B | | | | |

# VI. Effect Control

● Transposing

With the transposing function, you can play music of other tunes with C-tune fingering method. Press [Transpose ▼] to decrease the tone by half (minor second), and the tune in C-tune keyboard zone will change to B-tune. Press [Transpose ▲] to increase the tone by half (minor second), and the tune in C-tune keyboard zone will change to #C tune or bD tune. By pressing [Transpose ▼] twice, C-tune will shift to bB-tune; by pressing [Transpose ▲] five times, C-tune will shift to F-tune. Press [Transpose ▲] and [Transpose ▼] at the same time to reset to C-tune "0". Press [Transpose ▲] and [Transpose ▼] to adjust the level from "-6" to "6".

● Tuning

You can press [TUNING ▲] / [TUNING ▼] to conduct fine pitch correction by adjusting the fine adjustment level from "-99" to "99". Press the two buttons at the same time to reset to the default "00", and the it will back to the normal standard keyboard. This function is quite useful for tune correction during band ensemble.

● Sustain

Press [Sustain], "SUS" will show on the screen, and the sustain effect will be activated. Press [Sustain] again to disenable the sustain function, and "SUS" will disappear from the screen.

● Pitch Bend

The pitch bend can realize tonal variation. You can increase the pitch by turning up the pitch bend and decrease the pitch by turning down the same. When released, the pitch bend will go back to the center position, and the pitch will return to the standard state.

● Vibrato

When [ Vibrato ] is in the low position, the Vibrato function is disenabled. You can enable this function by turning up the bar, and 'VIB' will show on the screen. The Vibrato function can add vibrato effect for the instruments. You can increase or reduce the vibrator effect by tuning up or turning down [Vibrato].

● Dual

When the dual function is enabled, "Double" will show on the screen. Under this mode, you can obtain an overlaid tone effect. Press [Timbre] to shift between Timbre 1 and Timbre 2 as needed, and the corresponding "TONE 1" and "TONE 2" will show on the screen.

## ● Keyboard Splitting

When enabling the Split function, "Split" will show on the screen. 24 keys on the left will split from the keyboard, while the left keyboard zone will increase by one octave and maintain the original tone.

## ● Touch

Press [Touch] to enable or disenable the touch function. This function is defaulted to be enabled, and "Touch" shows on the screen. With this function, you may enhance the expression of the melody. It may accurately reflect the force you need to apply on each note. The larger the force is, the louder the sound will be. When this function is enabled, the sound will be equal regardless of what the force you apply.

# VII. Recording

## ● Recording

Press [REC] to enable the recording function, and "Record" will show on the screen. Under this mode all notes played will be recorded.

※ The recorded notes will be cleaned upon recording or shutdown of the keyboard.

## ● Stop Recording

◆ When the storage is full, "Full" will show on the screen, and recording will stop automatically.

◆ During the recording process, you can press [PLAY] to stop recording and play the recorded notes.

◆ Press [REC] to disenable the recording function, and all recorded notes will be cleaned.

## ● Records Playback

◆ When the recording function is enabled, press the [PLAY] to playback the record.

◆ During playback process, you can press [PLAY] again to stop playback.

# VIII. Rhythm Programming

## ● Rhythm Programming

Press [PROG] to enable the rhythm programming function. "Program" 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 keys.

※ The programmed rhythm will be cleaned upon reprogramming or shutdown of the keyboard.

## ● Stop Programming

◆ When the maximum of 32 pieces of percussion music are recorded, "Full" will show on the screen, and programming will stop automatically.

◆ During the programming process, you can press [PLAY] to stop programming and playback the programmed rhythm.

◆ Press [PROG] to disenabled the rhythm programming function and clean all programmed data.

## ● Programmed Rhythm Playback

◆ When the programming function is enabled, press [PLAY] to playback programmed rhythm.

◆ During playback process, you can press [PLAY] again to stop playback.

# IX. Status Memory

With the status memory function, you can save the tone, tempo, speed and other parameters set during playing. This keyboard is equipped with 4 status memories, which can be flexibly called at any time during playing.

## ● Storage of Status Memory

Set the tone, rhythm and tempo as required, and then press [Memory] and one of [M1] to [M4] to save the current status.

## ● Calling of Status Memory

Press any one of [M1] to [M4] to call the parameters saved under this memory to replace the current status.

※No power failure protection is provided for the saved contents, so the saved contents will loss after the electronic keyboard is restarted after power cut.

# X. Intelligent Three-step Luminous Key Training

The intelligent training function consists of three steps, which can guide the learner to play the keyboard step by step. Firstly, the learner can practice by following the guidance of step one "One Key" to get familiar with the melody and beat, and then move to the step two "Follow". After being able to play the melody with the keyboard, the leaner may forward the

step three "Ensemble", and through practice, the leaner may finally be able to ensemble with others.

● **Training 1: One Key**

Press [One Key] to enable the one key training function, and "Step 1" will show on the screen. You can press the "+"/ "-" buttons to select the song to be learned.
Single Key training aims at duration learning, and there is no requirement for pitch or correctness. This mode allows mistakes when playing the keys, but the keyboards still plays correct notes, and the luminous keys will light on according to the correct notes of the melody, indicating the correct note to be played, and you can play by following the guidance of the luminous key. In a meanwhile, the key zone in the screen will also show the correct notes.
Press [One Key] to disenable the training function.

● **Training 2: Follow**

Press [Follow] to enable the Follow training function, and "Step 2" will show on the screen. You can press the number buttons or the "+"/"-" button to select the song to be learned. The luminous keys will light on according to the correct notes of the melody, indicating the correct note to be played, and you can play by following the guidance of the luminous key. You can also learn how to play by following the indicators in the key zone of the screen. In case of misplay, the melody will stop until you play the correct notes.
Press [Follow] again to disenable the follow training function.

● **Training 3: Ensemble**

Press [Ensemble] to enable the Ensemble training function, and "Step 3" will show on the screen. You can press the number buttons or the "+"/ "-" buttons 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. The luminous keyboard will light on according to the main melody notes, indicating the note to be played, and you can play by following the guidance of the luminous key. The keyboard zone in the screen will show the correct note and tempo.
Press [Ensemble] again to disenable the Ensemble training function.

**I. Timbre Table**

| Piano | | |
|---|---|---|
| 000 Acoustic Grand Piano | 070 Bassoon | 139 China Percussion 1 | 213 High Trombone |
| 001 Bright Acoustic Piano | 071 Clarinet | 140 China Percussion 2 | 214 Baritone Trombone |
| 002 Electric Grand Piano | **Flute** | Rhythm | 215 Synth Trombone |
| 003 Honky-tonk Piano | 072 Piccolo | 141 Rock Grand Piano | 216 Violin French Horn |
| 004 Rhodes Piano | 073 Flute | 142 Electronic Organ | 217 French Horn Ensemble |
| 005 Chorused Piano | 074 Recorder | 143 Psychedelic Electronic | 218 Electronic French Horn |
| 006 Harpsichord | 075 Pan Flute | 144 Water Jean | 219 Synth French Horn |
| 007 Clavichord Colorpercussion | 076 Bottle Blow | 145 Bright Guitar | 220 Psychedelic Synth Brass |
| 008 Celesta | 077 Shakuhachi | 146 Orchestra Piccolo | 221 Distortion Synth Brass |
| 009 Glockenspiel | 078 Whistle | 147 Heavy Metal Guitar | 222 Vibraphone Synth Brass |
| 010 Music Box | 079 Ocarina | 148 Crystal Guitar | 223 Rock Synth Brass |
| 011 Vibraphone | **Lead** | 149 Queer Electric Piano | 224 Synth Muted Trumpet |
| 012 Marimba | 080 Lead 1 (square) | 150 Bright Bass | 225 Soprano Sax ensemble |
| 013 Xylophone | 081 Lead 2 (sawtooth) | 151 Rock Electric Bass | 226 Hit Soprano Sax |
| 014 Tubular Bells | 082 Lead 3 (caliope lead) | 152 Psychedelic Bass | 227 Synth Soprano Sax |
| 015 Dulcimer | 083 Lead 4 (chiff lead) | 153 Rhythm Electric Bass | 228 National Sax |
| **Organ** | 084 Lead 5 (charang) | 154 Heavy Metal Bass | 229 Metal Sax |
| 016 Hammond Organ | 085 Lead 6 (voice) | 155 Magic Electronic | 230 Baritone Sax Ensemble |
| 017 Percussive Organ | 086 Lead 7 (fifths) | 156 Bright Violin | 231 Crystal Sax |
| 018 Rock Organ | 087 Lead 8 (bass lead) | 157 Atonic Violin | 232 Soft Baritone Sax |
| 019 Church Organ | **Pad** | 158 Heavy Bass Orchestra | 233 Synth Baritone Sax |
| 020 Reed Organ | 088 Pad 1 (new age) | 159 Synth Clarinet | 234 Heavy metal Sax |
| 021 Accordian | 089 Pad 2 (warm) | 160 Interactive Lead | 235 Church Oboe |
| 022 Harmonica | 090 Pad 3 (polysynth) | 161 Orchestral Keyboard | 236 Oboe ensemble |
| 023 Tango Accordian | 091 Pad 4 (choir) | 162 Bagpipes | 237 Bass Oboe |
| **Guitar** | 092 Pad 5 (bowed) | 163 Synth Banjo | 238 Bright Oboe |
| 024 Acoustic Guitar (nylon) | 093 Pad 6 (metallic) | 164 Japan Synth | 239 Distortio Oboe |
| 025 Acoustic Guitar (steel) | 094 Pad 7 (halo) | 165 Church Piano | 240 English Horn Ensemble |
| 026 Electric Guitar (jazz) | 095 Pad 8 (sweep) | 166 Church Electric Piano | 241 Pizzicato English Horn |
| 027 Electric Guitar (clear) | **FX Effect** | 167 Synth Piano | 242 Diplophonia English Horn |
| 028 Electric Guitar (muted) | 096 FX 1 (rain) | 168 Baritone Piano | 243 Bright English Horn |
| 029 Overdriven Guitar | 097 FX 2 (soundtrack) | 169 Piano PAD | 244 Synth English Horn |
| 030 Distortion Guitar | 098 FX 3 (crystal) | 170 String Piano | Synthetic Electronic |
| 031 Guitar Harmonics | 099 FX 4 (atmosphere) | 171 Metal Piano | 245 Psychedelic Synth Lead |
| **Bass** | 100 FX 5 (brightness) | 172 Light Rhythm Piano | 246 Vibraphone Synth Lead |
| 032 Acoustic Bass | 101 FX 6 (goblins) | 173 Electric Piano Pad | 247 Marimba Synth Lead |
| 033 Electric Bass(finger) | 102 FX 7 (echoes) | 174 Classical Piano | 248 Metal FX |
| 034 Electric Bass (pick) | 103 FX 8 (sci-fi) | Effect Class Guitar | 249 Electronic FX |
| 035 Fretless Bass | **Folk Music** | 175 Organ Guitar | 250 Electronic String Ensemble |
| 036 Slap Bass 1 | 104 Sitar | 176 Electric Guitar | 251 Wind FX |
| 037 Slap Bass 2 | 105 Banjo | 177 Synthesis Nylon Guitar | 252 Clarinet FX |
| 038 Synth Bass 1 | 106 Shamisen | 178 Synth Electronic Guitar | 253 Organ FX |
| 039 Synth Bass 2 | 107 Koto | 179 Bright Clean Guitar | 254 Crystal FX |
| **String** | 108 Kalimba | 180 Orchestra Guitar | 255 Synth Shamisen |
| 040 Violin | 109 Bagpipe | 181 Psychedelic Guitar | 256 Electronic Shamisen |
| 041 Viola | 110 Fiddle | 182 Bright Organ | 257 Bright Sitar |
| 042 Cello | 111 Shanai | 183 Pick Organ | 258 Whistle Accord |
| 043 Contrabass | **Percussion** | Electronic Symphony | 259 Rhythm Nation |
| 044 Tremolo Strings | 112 Tinkle Bell | 184 Synth Accordion | 260 Bright Koto |
| 045 Pizzicato Strings | 113 Agogo | 185 Bright Violin | 261 Koto Lead |
| 046 Orchestral Harp | 114 Steel Drums | 186 Stringed Violin | 262 Diplophonia Koto |
| 047 Timpani | 115 Woodblock | 187 Trill Violin | 263 Baritone Koto |
| **Ensemble / Chorus** | 116 Taiko Drum | 188 Electronic Violin | 264 Synth Koto |
| 048 String Ensemble 1 | 117 Melodic Tom | 189 Large Violin | Bed Pad |
| 049 String Ensemble 2 | 118 Synth Drum | 190 Rhythm Orchestra | 265 Environmental Lead |
| 050 Synth Strings 1 | 119 Reverse Cymbal | 191 Pizzicato Violin | 266 Metal Lead |
| 051 Synth Strings 2 | **Sound Effects** | 192 Pizzicato Ensemble 1 | 267 Orchestra Lead |
| 052 Choir Aahs | 120 Guitar Fret Noise | 193 Pizzicato Ensemble 2 | 268 Glockenspiel Lead |
| 053 Voice Oohs | 121 Breath Noise | 194 Percussion Band | 269 Bass Lead |
| 054 Synth Voice | 122 Seashore | 195 BaritoneSynthContrabass | 270 Fifths Lead |
| 055 Orchestra Hit | 123 Bird Tweet | 196 Bass Flute | 271 Wind Lead |
| **Brass** | 124 Telephone Ring | 197 Distortion Contrabass | 272 Atmosphere Lead |
| 056 Trumpet | 125 Helicopter | 198 Contrabass Lead | 273 Sharp Lead |
| 057 Trombone | 126 Applause | 199 Violin Lead | 274 Bright Lead |
| 058 Tuba | 127 Gunshot | 200 Cello Lead | 275 East Nation Pad |
| 059 Muted Trumpet | **Percussion instrument** | 201 Pizzicato Rhythm | 276 Atmosphere Pad |
| 060 French Horn | 128 Percussion | 202 High Harp | 277 Electric Bass Pad |
| 061 Brass Section | **Nation tone** | 203 Harp Ensemble | 278 Electric Piano Pad |
| 062 Synth Brass 1 | 129 Bangdi | 204 Synth Harp | 279 Clean Guitar Pad |
| 063 Synth Brass 2 | 130 Pipa | Electronic Music | 280 Western Pad |
| **Clarinet** | 131 Erhu | 205 Baritone Trumpet | 281 Sci-fi Pad |
| 064 Soprano Sax | 132 Gaohu | 206 Trumpet Ensemble | 282 Metal Sci-fi Pad |
| 065 Alto Sax | 133 Suona | 207 Rhythm Trumpet | 283 Clarinet Pad |
| 066 Tenor Sax | 134 Dasuo | 208 High Trumpet | 284 Electronic Dance Pad |
| 067 Baritone Sax | 135 Guzheng | 209 Synth Trumpet | Asian Synthetic |
| 068 Oboe | 136 Sanxian | 210 Bass Trombone | 285 Double Kalimba |
| 069 English Horn | 137 Guqin | 211 Trombone Ensemble | 286 Bright Kalimba |
| | 138 Xiao | 212 Rhythm Trombone | 287 Crystal Kalimba |

# Appendix

## I. Timbre Table

88 Synth Kalimba
89 Electronic Bagpipe
90 Wind Bagpipe
91 High Bagpipe
92 Bright Bagpipe
93 Orchestra Bagpipe
94 Baritone Bagpipe
95 Environmental Shanai
96 Baritone Shanai
97 Tenor Shanai
98 High Shanai
99 Synth Shanai
00 Bright Steel Drums
01 Steel Drums Lead
02 Lyric Steel Drums
03 Orchestra Steel Drums
04 Synth Steel Drums
Modern Electric
05 Rhythm Electric Piano
06 Baritone Xylophone
07 Clean Piano
08 Bright Dulcimer
09 Rhythm Grand Piano
10 Rhythm Accordian
11 Marimba Harp
12 Synth Xylophone
13 Psychedelic Jazz Guitar
14 Rhythm Electric Guitar
Jassic Synthesizer
15 Baritone Piccolo
16 Pan Flute Pad
17 Soft Pad
18 Fierce Organ
19 Fantasy Clarinet
20 Bright Rhythm
21 Synth Brass Ensemble
22 Electronic Xylophone
23 Atmosphere Pizzicato
24 Rhythm Clarinet
25 Bright Dulcimer
26 Double British pipe
27 Bright Bassoon
28 Electronic Synth Bassoon
29 Rock Wind
30 Synthetic Effect Wind1
31 Synthetic Effect Wind2
32 Synthetic Effect Wind3
33 Synthetic Effect Wind4
34 Synthetic Fiddle
35 Special Echo FX
36 Electronic Organ Lead
37 Church Organ Lead
38 Science Fiction Classic
39 Electronic Bagpipe
40 String Ensemble Pad
41 Electronic Wind Pad
42 Organ Electric Guitar
43 Jazz Electric Piano
44 Rock Timpani
45 Fantasy Atmosphere

346 Heavy Metals Pad
347 Bright Clavierd
348 Noise Lead
349 Classical Electronic Digital Synthesizer
350 Rock Piano
351 Dynamic Piano
352 Rock Clavichord
353 Baritone Celesta
354 Magic Metallophone
355 Heavy Metal Glockenspiels
356 Digital Organ
357 Clear Organ
358 Baritone Organ
359 Reed Synthesizer
360 Reed Lead
361 Metal Twelve String Guitar
362 Magic Guitar
363 Diplophonia Guitar
364 Regge Guitar
365 Hawaii Guitar
366 Campus Jazz Guitar
367 Hall Electric Guitar
368 Slap Guitar
369 Digital Synthetic Guitar
370 Dead Nuclear Guitar
371 Heavy Bass Electric Guitar
372 Bright Jazz Guitar
373 Modern Electric Guitar
374 Solo Electric Guitar
375 Bar Electric Guitar
376 Sax Electric Guitar
377 Guitar Noise
378 Electric Guitar Reverb
379 Dynamic Guitar Bass Synthesizer
380 The Bass
381 Bright Bass
382 Heavy Bass
383 Magic Bass
384 The Bass Band
385 National Bass
386 The Bass Strings
387 Bright Pipe Bass
388 East Bass
389 Traditional Bass Science Fiction Electronic String
390 Fantasy Violin
391 Solo Violin
392 Distortion Violin
393 Heavy Rock Viola
394 Magic Cello
395 Jumping Cello
396 Electronic Hook String
397 Mechanical Hook
398 Pizzicato Synthesizer
399 Heavy Pizzicato Rhythm
400 Fast Harp
401 Heavy Rock Harp
402 Large Electronic Drum

403 Magic Timpani
404 Oriental Timpani
405 Fantasy Strings
406 Solo Synthesizer
407 Distorted Ensemble
408 Heavy Metal Ensemble
409 Magic Ensemble
410 Jump Syn String Ensemble
411 Electronic Chorus "ah"
412 Electronic Chorus "oh"
413 Chorus Synthesizer
414 Heavy Rhythm Syn Voice
415 Digital Voice
416 Music Vocal Ensemble
417 Magic Ensemble
418 Vocal Percussion Ensemble
419 Oriental Synthetic Voice Western Electronic
420 Dynamic Trumpet
421 Heavy Rock Trumpet
422 Traditional Trombone
423 Magic Trombone
424 Heavy Metal Tuba
425 Digital Tuba
426 Clear Syn Tuba
427 Bass France
428 Fantasy France
429 Solo Copper Pipe
430 Distortion Syn Tube
431 Heavy Rock Sax
432 Sax Magic
433 Jump Sax
434 Electronic Tenor Sax
435 Mechanical Sax
436 Baritone Sax synthesizer
437 Heavy Rhythm Alto Sax
438 Baritone Sax
439 Solo Baritone Sax
440 Distortion Oboe
441 Heavy Rock Oboe
442 Magic British Tube
443 Jump British Tube
444 Electronic Bar
445 Mechanical Bar
446 Dynamic Clarinet
447 Heavy Rock Clarinet
448 Traditional Piccolo
449 Magic Piccolo
450 Heavy Metal Flute
451 Digital Flute
452 Synthesis Voiceless Clari
453 Baritone Panpipe
454 Dynamic Ruler Eight
455 Heavy Rock Lead
456 Magic Lead
457 Magic Voice Synthesizer
458 Synthesis Heavy Metals
459 Digital Synth Lead Wooden Pipe Synthesizer
460 Wooden Marimba

461 Wooden Bells
462 Wooden Dulcimer
463 Wooden Hammond
464 Wooden Percussive
465 Wooden Rock Organ
466 Wooden Church Organ
467 Wooden Reed Organ
468 Wooden Accordian
469 Wooden Harmonica
470 Wooden Tango Accordian
471 Wooden Guitar Nylon
472 Wooden Guitar Steel
473 Wooden Guitar Jazz
474 Wooden Guitar Muted
475 Wooden Synth Bass
476 Wooden Electronic Bass
477 Wooden Violin
478 Wooden Viola
479 Wooden Cello
480 Wooden Contrabass
481 Wooden Tremolo Strings
482 Wooden Pizzicato Strings
483 Wooden Timpani
484 Wooden String Ensemble 1
485 Wooden String Ensemble 2
486 Wooden Synth Strings 1
487 Wooden Synth Strings 2
488 Wooden Aahs
489 Wooden Oohs Hit Synthesizer
490 Hit Synth Voice
491 Hit Orchestra Synthesizer
492 Hit Trumpet
493 Hit Trombone
494 Hit Tuba
495 Hit Muted Trumpet
496 Hit French Horn
497 Hit Brass Section
498 Hit Synth Brass 1
499 Hit Synth Brass 2
500 Hit Soprano Sax
501 Hit Alto Sax
502 Hit Tenor Sax
503 Hit Baritone Sax
504 Hit Oboe
505 Hit English Horn
506 Hit Bassoon
507 Hit Clarinet
508 Hit Piccolo
509 Hit Flute
510 Hit Ocarina
511 Hit Whistle

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# Appendix

## II. Rhythm Table

**March**
000 March1
001 March2
002 March3
003 March4
**nation rhythm**
004 Nation 1
005 Nation2
006 Nation3
007 Nation4
008 Nation5
009 Nation6
010 Nation7
011 Nation8
012 Nation9
013 Nation10
**Slow Soul**
014 Slow Soul 1
015 Slow Soul 2
016 Slow Soul 3
**Funky Soul**
017 Funky Soul 1
018 Funky Soul 2
019 Funky Soul 3
020 Funky Soul 4
021 Funky Soul 5
022 Funky Soul 6
023 Funky Soul 7
024 Funky Soul 8
025 West Coast
026 Euro Soul
**16 Beat**
027 16 AOR 1
028 16 AOR 2
029 16 Beat 1
030 16 Beat 2
031 16 Beat 3
032 16 Ballad 1
033 16 Ballad 2
**Pop Dance**
034 Pop Dance 1
035 Pop Dance 2
036 Pop Dance 3
037 Shuffle1
038 Shuffle2
039 8 Shuffle
**Rock**
040 Hard Rock
041 Slow Rock 1
042 Slow Rock 2
**Classics Beat**
043 Pop Classic
044 Blues
045 Twist
046 Hard 3 Beat
**Love Ballad**
047 Love Ballad 1
048 Love Ballad 2
049 Love Ballad 3
050 Love Ballad 4
**Unique Classes**
051 Euro Beat
052 House1
053 House2
054 Swing Beat
055 8 Ballad
056 Step
**Band**
057 Big Band1
058 Big Band2
059 Cobmo1
060 Cobmo2
**Swing**
061 Swing1
062 Swing2
063 Swing3
064 Swing4

065 Swing5
066 Swing6
**Latin**
067 Baiao
068 Bolero
069 Bossanova1
070 Bossanova2
071 Bossanova3
072 Bossanova4
073 Bossanova5
074 Calypso
075 Habanera
076 Reggae1
077 Reggae2
078 Jorpo
079 Tango1
080 Tango2
081 Tango3
082 Mambo 1
083 Mambo 2
084 Rhumba 1
085 Rhumba 2
086 Rhumba 3
087 Rhumba 4
088 Rhumba 5
089 Bequine
090 Salsa
091 Merengue1
092 Merengue2
093 Vallenato
094 Plena
095 Lambada
096 Bachata 1
097 Bachata 2
098 Bachata 3
099 Samba1
100 Samba2
101 Pop Samba 1
102 Pop Samba 2
103 Pop Samba 3
104 Jazz Samba
**Polka**
105 Polka1
106 Polka2
107 Polka3
**C & W**
108 C & W 1
109 C & W 2
110 Bluegrass
111 Country1
112 Country2
113 Country3
**Middle East**
114 Middle East
115 China 1
116 China 2
117 China 3
118 Thailand
**Waltz**
119 Waltz1
120 Waltz2
121 Waltz3
122 Waltz4
123 Jazz Waltz1
124 Jazz Waltz2
125 Jazz Waltz3
126 Country Waltz1
127 Country Waltz2
**New-Soul1**
128 New-Soul1
129 New-Soul2
130 New-Soul3
**Psychedelic**
131 Psychedelic 1
132 Psychedelic 2
133 Goth Psychedelic
134 Soul Psychedelic 1

135 Soul Psychedelic 2
136 Soul Psychedelic 3
137 Soul Psychedelic 4
138 Psychedelic Swing
139 Soft Rock
140 Post Rock
**Classical Beat**
141 Classical Beat1
142 Classical Beat2
143 Classical Beat3
144 Classical Beat4
145 Classical Beat5
146 Classical Beat6
147 Classical Beat7
**Modern Pop Music**
148 New Century1
149 New Century2
150 New Century3
151 Modern Dance1
152 Modern Dance2
153 Modern Dance3
**Britpop**
154 Britpop1
155 Britpop2
156 Britpop3
**Blues**
157 Folk Blues
158 Country Blues
159 Electric Blues
160 Soul Blues
**Ballad**
161 Classical Ballad1
162 Classical Ballad2
163 Light Ballad
164 Rhythm Ballad
**House**
165 Pop House1
166 Pop House2
167 Pop House3
168 Deep House
169 Acid House
170 Progressive House
171 Epic House
**New Age Latin**
172 New Age Latin1
173 New Age Latin2
174 Bluse Mambo
**Jazz Swing**
175 Jazz Swing1
176 Jazz Swing2
177 Jazz Swing3
178 Jazz Swing4
179 Jazz Swing5
**Electronic**
180 Electro1
181 Electro2
182 Electro3
183 Electro4
184 Electro5
185 Big Beat1
186 Big Beat2
187 Downtempo1
188 Downtempo2
189 Americana Country
190 Pop reggae 1
191 Pop reggae2
192 Rock Tango1
193 Rock Tango2
194 Rock Tango3
195 Western Swing1
196 Western Swing2
**Pop Latin**
197 Pop Rhumba1
198 Pop Rhumba2
199 Pop Rhumba3
200 Pop Rhumba4
201 Pop Rhumba5

202 Pop Bequine
203 Pop Saisa
204 Pop Merengue1
205 Pop Merengue2
206 Pop Vallenato
207 Pop Plena
208 Pop Lambada
209 Pop Bachata 1
210 Pop Bachata 2
211 Pop Bachata 3
212 Enthusiasm Samba1
213 Enthusiasm Samba2
214 Enthusiasm Samba3
215 Enthusiasm Samba4
216 Enthusiasm Samba5
217 Enthusiasm Samba6
**East March**
218 East March1
219 East March2
220 East March3
221 East March4
**Light Polka**
222 Light Polka1
223 Light Polka2
224 Light Polka3
**World Music**
225 World 1
226 World2
227 Blue
228 Country Rock 1
229 Country Rock 2
230 Country Rock 3
231 East
232 China Pop 1
233 China Pop 2
234 China Pop 3
235 China Pop4
236 China Pop5
237 China Pop6
238 China Pop7
239 China Pop8
240 China Pop9
241 China Pop10
242 China Pop11
243 China Pop12
244 China Pop13
245 Thailand Pop
246 West Band
**Class Waltz**
247 Class Waltz1
248 Class Waltz2
249 Class Waltz3
250 Class Waltz4
251 Jazz Class Waltz1
252 Jazz Class Waltz2
253 Jazz Class Waltz3
254 Country Class Waltz1
255 Country Class Waltz2
**Pop Rock**
256 Pop Rock1
257 Pop Rock2
258 Pop Rock3
259 Pop Rock4

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