



## **WELCOME**

To the happy family of satisfied WORLDE electronic musical instrument owners! To get the most out of the many features and functions of the keyboard, please be sure to read carefully this manual and

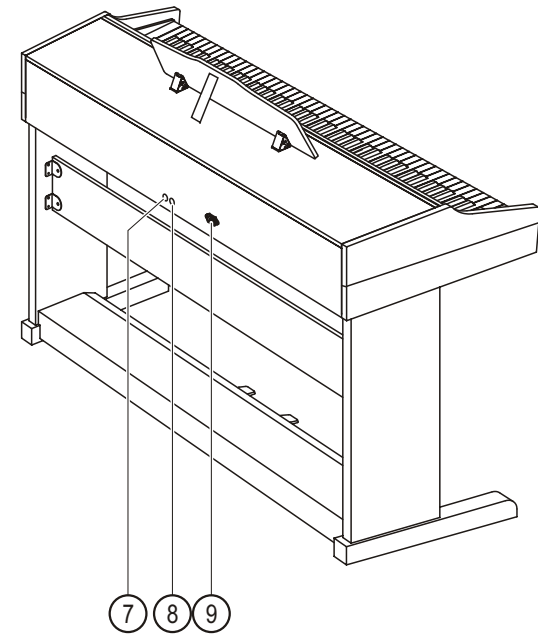
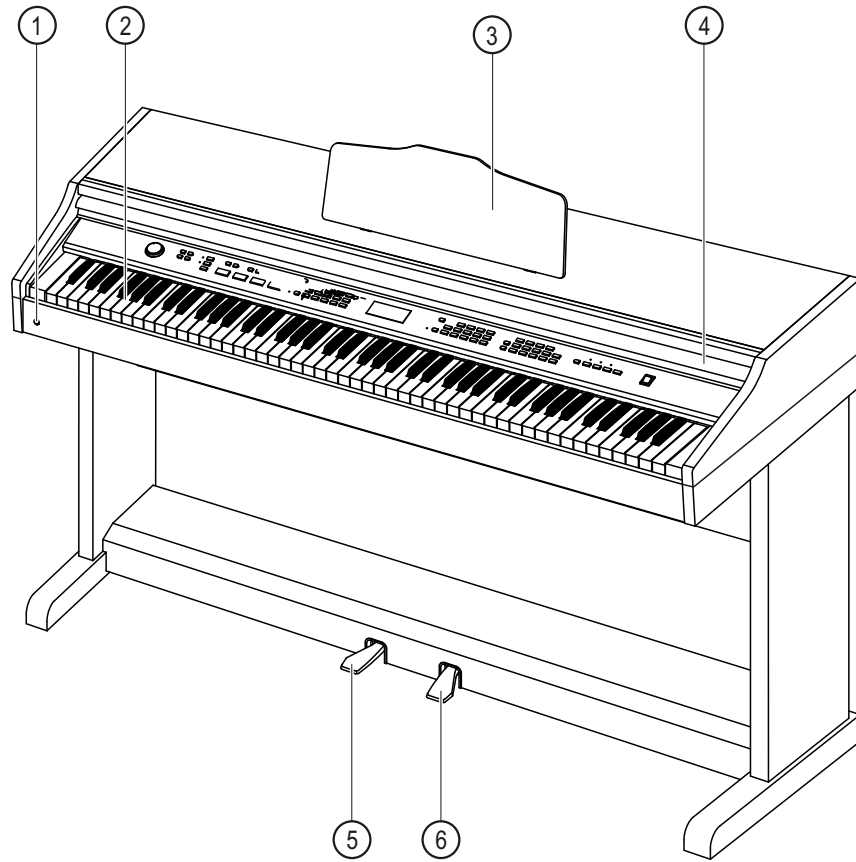
## **CONTENT**

- **Descriptions** .....P.2
- **Basic Operation** ..... P.4
- **Voice** .....P.5
  - Selecting a Voice ..... P.5
  - Selecting a Performance Programme ...P.5
  - DSP Type ..... P.5
  - Transpose ..... P.6

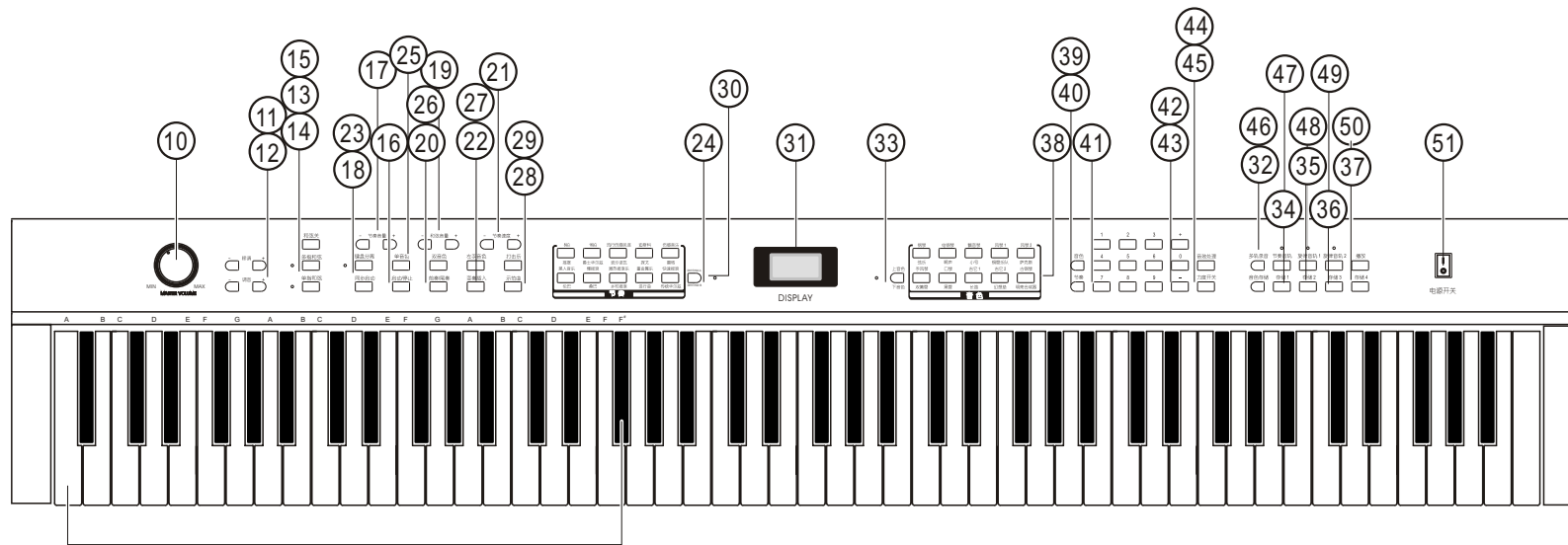
- Tuning..... P. 6
- Keyboard Percussion ..... P.6
- Touch Response.....P.7
- **Auto Accompaniment** .....P.7
  - Selecting the Auto Accompaniment.....P.7
  - Single Finger Chord .....P. 8
  - Fingered Chord .....P.8
  - Tempo .....P.9
  - Start / Stop .....P.9
  - SYNC START .....P.9
  - Intro / Ending .....P.9
  - Fill in .....P.10
  - Auto Accompaniment Volume Control ...P.10
- **Memory**.....P.11
- **Record** .....P.11
- **Pedals** .....P.12
- **External Terminals** ..... P.12
- **Specifications** ..... P.13
- **Maintenance** ..... P.13
- APPENDIX**
  - VOICE LIST .....P.14
  - RHYTHM LIST..... P.16
  - DRUM KIT LIST .....P.17
  - SINGLE FINGER CHORDS .....P.19
  - FINGERED CHORDS .....P.20



# DESCRIPTIONS



2

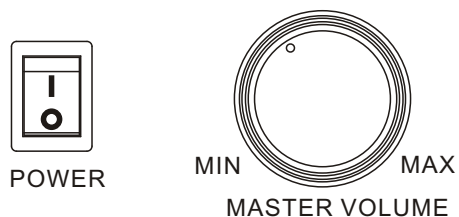


- |                           |                                 |                               |
|---------------------------|---------------------------------|-------------------------------|
| (1) Headphone Jack        | (19) Chord Volume Button        | (37) Memory 4                 |
| (2) keyboard              | (20) Intro / Ending Button      | (38) Voice Zone               |
| (3) Music Stand           | (21) Fill in                    | (39) Voice Selecting Buttons  |
| (4) Keyboard Cover        | (22) Rhythm Tempo               | (40) Rhythm Selecting Buttons |
| (5) Damper Pedal          | (23) Keyboard Split Button      | (41) Number Buttons (1--9)    |
| (6) Sustain Pedal         | (24) Rhythm A/B Button          | (42) [+ ] Button              |
| (7) MIDI Input            | (25) One Voice Button           | (43) [- ] Button              |
| (8) MIDI Output           | (26) Dual Voice Button          | (44) DSP Type Button          |
| (9) AC Adapter Socket     | (27) Lefthand Voice Button      | (45) Touch ON/OFF Button      |
| (10) Master Volume Dial   | (28) Demo Button                | (46) Record Button            |
| (11) Transpose Button     | (29) Keyboard Percussion Button | (47) Accompaniment Button     |
| (12) Tuning Button        | (30) Rhythm Zone                | (48) Melody 1                 |
| (13) Fingered Button      | (31) Digital Display            | (49) Melody 2                 |
| (14) Singer Finger Button | (32) Memory Button              | (50) Play Button              |
| (15) Chord OFF Button     | (33) Voice A/B Button           | (51) Power Switch             |
| (16) Start / Stop         | (34) Memory 1                   | (52) AutoAccompaniment Zone   |
| (17) Rhythm Volume Button | (35) Memory 2                   |                               |
| (18) Sync Start Button    | (36) Memory 3                   |                               |

# BASIC OPERATION

- Open the keyboard cover, and set up the music stand.
- Pwer & Master Volume

Before connecting to the alternating current, set the Power Switch to 0 position. Plug the power cable output into te AC Power Socket(9), then connect the power cable input with 220V alternating current. Set the Power Switch to 1 position, then 01 shows in the digital display, and then adjust the Master Volume dial (10) to set the volume you want.



4

Initial setting: Voice (01) : PIANO  
Rhythm (00): 8 BEAT

## NOTICE

You should wait another 2 or 3 seconds to restart this instrument after you just turn it off, for it needs this time to make the internal circuit discharge completely. Otherwise, some abnormal phenomenon might occur during the performance.

## ● Listening to the Demo Songs

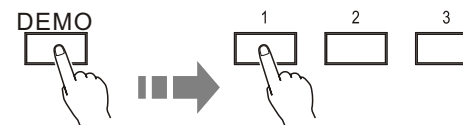
This instrument has altogether three demo songs. They are 1. APlace Far Away (a typical Chinese song), 2. Saint March, 3. Symphony Number 40.

### HOW TO PLAY THE DEMOS

1. Press Demo button(28), and ALL shows in the digital display (31). The demos will play in order. Press the button again, and the playback will stop.



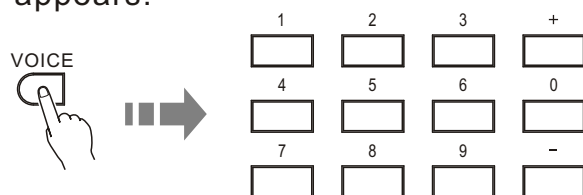
2. Press number button(41)1,2 or 3 right after the Demo button, and the playback will start with the demo you selected. Press the button again, and the playback will stop.



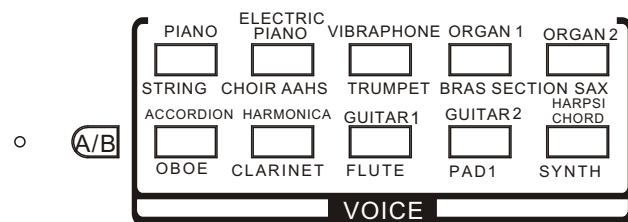
# VOICE

## 1. Selecting a Voice

Please notice that the keyboard percussion function is off. Press first the [VOICE] button, then number buttons (0--9) or [-]/[+] button to select one of the 128 voices of this instrument. For example, if the number of the voice is 012, just press number buttons 0,1,2, or press [+] (if the present number is below 012) or [-] (if the present number is over 012). Holding down [+] or [-] buttons makes the number change successively and quickly. Release the button when the number you desire appears.



Also you can choose the twenty commonly-used voices directly from the ten voice buttons in the panel voice zone. When the light on the left side of the [A/B] button is on, it means that the voices you select are from the down-row voices of the voice buttons.



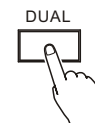
## 2. Selecting a Performance Programme

There are three different performance programmes of this instrument: one voice, dual voice, keyboard split.

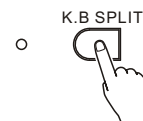
● **One Voice:** Press this button, and the whole instrument could only play one voice.



● **Dual Voice:** Press this button, and the whole instrument could play dual voice.



● **Keyboard Split:** While pressing this button, the its left light is lit. Choose any key (below D6) as the split point and press it down, thus the split point is set, then you can select the right voice. Press the [LEFT VOICE] button once, and the SPLIT light flickers, then you can select any voice from 128 voices other than the right one as the left voice. After such selection, press again the [LEFT VOICE] and the SPLIT light stops flickering. Then you can play two different voices in a keyboard. By pressing again the [K.B SPLIT] button, the SPLIT light will be off, and so will the keyboard split function.



**NOTICE:**  
The newly-set split point will take effect on the following notes. You cannot change the split point while playing a single note.

## 3. DSP Type

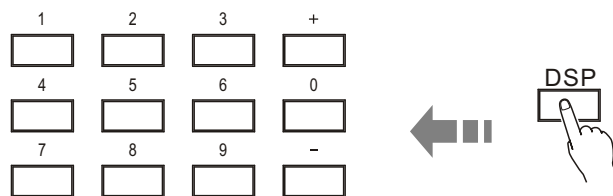
This instrument has digital sound processor, and you can use them to set the effects needed.

There are eight DSP types in this instrument.

- |        |               |
|--------|---------------|
| ROOM 1 | ROOM 2        |
| ROOM 3 | HALL 1        |
| HALL 2 | PLATE         |
| DELAY  | PANNING DELAY |

Using the performance programme buttons [ONE VOICE], [DUAL], [SPLIT] to select the section you want to edit. Then press the [DSP] button, and the present DSP type of the selected section shows in the display. Use [+]&[-] buttons or number buttons (0--8) to select the type. (0 means that the DSP function is off.) Press [+] & [-] buttons at the same time, and DSP type returns to its default setting.

Several-second hesitation after pressing the [DSP] button will bring back the present voice value.



**NOTICE:**

The whole instrument can only have one DSP type, which has influence on every key. When the DSP typed is set as DELAY OR PANNING DELAY the rhythm DSP effect will be closed.

6

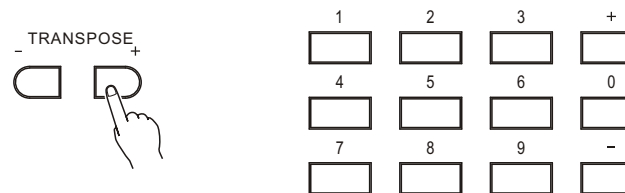
### 4. Transpose

This function can move the pitch up or down by min. a semi-tone, or max. 12 semi-tones (an octave), in order to make it compatible with other instrument or singers during the performance.

Press the [TRANSPOSE] button, and its parameter shows in the display. Use Transpose [+]&[-] buttons

Or [+]&[-] buttons or number buttons (0--9) to set its parameter. 00 stands for normal pitch. Pressing Transpose [-] & [+] buttons or [-] & [+] buttons at the same time can remove the pitch to its normal level.

Several-second hesitation after pressing the [TRANSPOSE] button will bring back the present voice value.



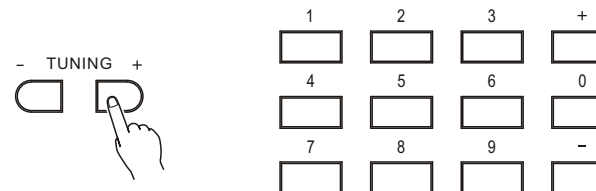
**NOTICE:**

The newly-set transpose value will take effect on the following notes. You can not change the transpose value while playing a single not.

### 5. Tuning

This function can tune the pitch during the performance, in order to match other singers. Its range is +/- a semitone. Press the [TUNING] button, and its adjust value shows in the display. Use Tuning [+]&[-] buttons or [+]&[-] buttons or number buttons (0--9) to set its parameter. 00 stands for normal value. Pressing Tuning [-] & [+] buttons or [-] & [+] buttons at the same time can remove the pitch to 00.

Several-second hesitation after pressing the [TUNING] button will bring back the present voice value.

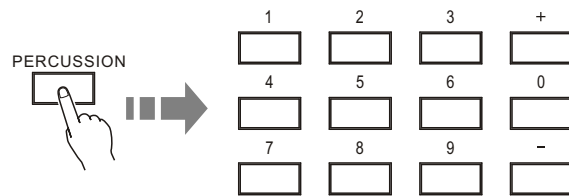


## 6. Keyboard Percussion

This instrument has 9 groups of percussion voices. In first group, there are 61 kinds of percussions (D#1~ D#6). More details please refer to the Appendix 3.

Press [PERCUSSION] button, and then you can play percussion in the keyboard. Press [+] & [-] buttons or number buttons to select the percussion type from 9 groups.

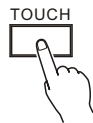
Press [PERCUSSION] button again to close this function.



## 7. Touch Response

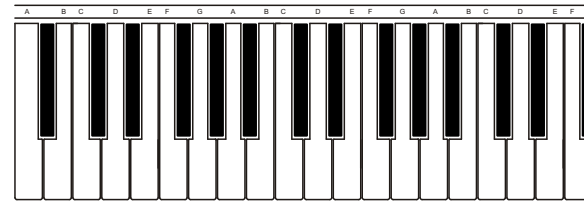
This instrument has touch response keyboard function and non touch response keyboard function. The first one can adjust the sound according to your touch strength, and it is the default setting.

Press the [TOUCH] button to quit this function, and press it again to enable this function.



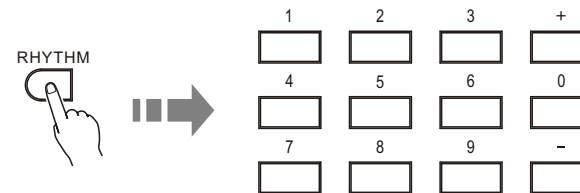
# AUTO ACCOMPANIMENT

This instrument has 50 auto accompaniment rhythms that can be adopted freely. When auto accompaniment function is on, if you play on the auto accompaniment section of the keyboard, it can automatically produce rhythm, bass and chord accompaniment, and you can still give normal performance in the right section of the keyboard.



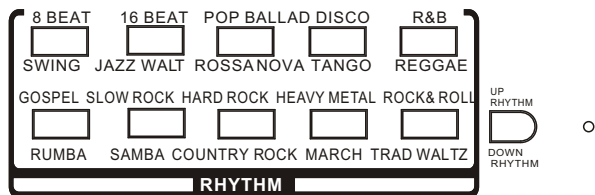
### 1. Selecting the Auto Accompaniment

Press [RHYTHM] button and the present rhythm number shows in the display, then you can use [+] & [-] buttons or number buttons (0--9) to select the rhythm you desire.



7

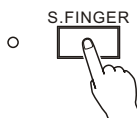
Also you can choose the twenty commonly-used rhythms directly from the ten rhythm buttons in the panel rhythm zone. When the light on the left side of the [A/B] button is on, it means that the rhythms you select are from the down-row rhythms of the voice buttons, otherwise, from the up-row rhythms.



Stop selecting for several seconds, and present voice shows in the digital display, and current selecting mode is closed.

## 2. Singer Finger Chord

Press [S. FINGER] button and its left light is lit. You can press minimum keys in auto accompaniment section of the keyboard to play major, major seventh, minor and as well as minor seventh, in order to play chord accompaniment, which matches with the rhythm perfectly.

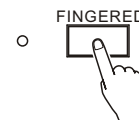


Press [CHORD OFF] button, and chord function is closed. (Its light is off.)



## 3. Fingered Chord

Press [FINGERED] button and then immediately you can add the chords you are playing to the auto accompaniment.



Press [CHORD OFF] button to close chord function. Its light is off when this function is closed.



Notice:

● Pressing three adjoining keys (including the black keys) at the same time can cancel the chord accompaniment and only leave rhythm channel on.

But there are some exceptions:

1. Minor 6th chords are recognized only in root position, however; all other inversions are interpreted as minor 7th/ flatted 5th.
2. Augmented and diminished 7th chords are inverted, the lowest note will be recognized as the root.
3. Th flatted 5th chords may be played with the lowest note as the root or the flatted 7th.
4. Augmented 7th and diminished 7th chords are interpreted as simple augmented and diminished.



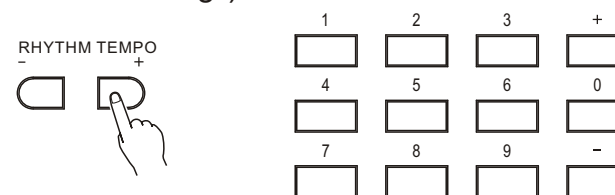
Using the key of C as an example, the chart below shows the types of chords that can be recognized in the Fingered mode. (Notes enclosed in parentheses are optional; the chords will be recognized without them.)

CHORD NAME	ABBREVIATION	NORMAL VOICING	CHORD(C)
Major	M	1-3-5	C
Sixth	6	1-(3)-5-6	C6
Major seventh	M7	1-3-(5)-7	Cm7
Augmented	aug	1-3-#5	C aug
Minor	m	1-b3-5	Cm
Minor sixth	m6	1-b3-5-6	Cm6
Minor seventh	m7	1-b3-(5)-b7	Cm7
Minor seventh flatted fifth	m7b5	1-b3-b5-b7	Cm7b5
Minor major seventh	mM7	1-b3-(5)-b7	CmM7
Diminished	dim	1-b3-b5	Cdim
Diminished seventh	dim7	1-b3-b5-6	Cdim7
Seventh	7	1-3-(5)-b7	C7
Seventh suspend fourth	7sus4	1-4-5-b7	C7sus4
Seventh augmented	7aug	(1)-3-#5-b7	C7 aug
Suspend fourth	sus4	1-4-5	Csus4
One plus two plus five	1+2+5	1-2-5	C1+2+5

#### 4. Tempo

To fasten or slow down the accompaniment tempo, you can use the Tempo [+]/[-] buttons, or number buttons(0-9) or [+]/[-] buttons after pressing [TEMPO] button.

Tempo control range: min 40 beat/min, max 240 beat/min. Press Tempo [+]/[-] buttons or [+]/[-] buttons together can bring the tempo to their original setting. (Each rhythm has its own initial setting.)



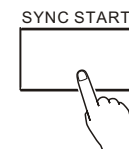
#### 5. Start / Stop

Press [START/STOP] button and the accompaniment you selected will play immediately. The beat will show by the three circle dots in the display. To stop the accompaniment just press this button again during the performance.



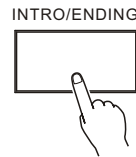
#### 6. SYNC Start

After pressing [SYNC START] button, the accompaniment will automatically play the moment you start playing a chord in the chord section of the keyboard.



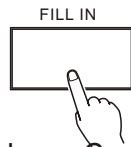
### 7. Intro / Ending

After pressing this button, each rhythm will begin with a corresponding intro. Press this button during the accompaniment, and it will stop after a corresponding ending.



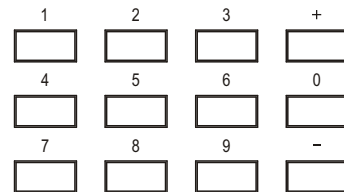
### 8. Fill in

Press this button during the performance, and it will automatically add a fill-in to the original accompaniment. After the fill-in is done, it will return to the original accompaniment.

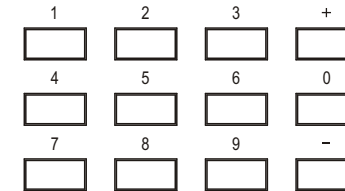


### 9. Auto Accompaniment Volume Control

- Main Rhythm Volume: You can adjust the volume of the main rhythm by pressing [RHYTHM VOL] [+] / [-] buttons or pressing number buttons (0 -- 9) right after pressing [RHYTHM VOL]. The volume range is from 00(no sound) to 24(max). Press [RHYTHM VOL] [+] / [-] buttons to return to the initial setting(21).



- Chord Volume: You can adjust the chord volume of the accompaniment by pressing [CHORD VOL] [+] / [-] buttons or pressing number buttons (0--9) right after pressing [CHORD VOL]. The volume range is from 00(no sound) to 24 (max). Press [CHORD VOL] [+] / [-] buttons to return to the initial setting(21).



# MEMORY

Memory function allows you memory ten voices and auto accompaniment parameter settings into different memory back. By pressing relative buttons to recall different setting.

The data that can be memorized are as follows.

Voice Data:

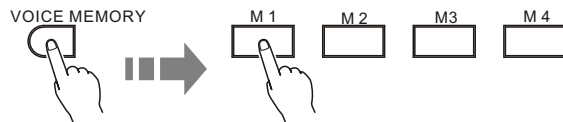
1. Different voices for the four sections selected for the performance.
2. Keyboard percussion on/off status, and the selected percussion voice.
3. The on/off status of the performance and editing.
4. Split point setting

Auto Accompaniment Data:

1. Rhythm type and number
2. Accompaniment volume
3. The Song track key setting
4. Tempo parameter
5. Transpose setting
6. Pitch adjustment.

## Setting Method

After setting the data you want to memory, such as voice, rhythm, press [M1], [M2], [M3] or [M4] while holding down the [MEMORY] button, in order to memory four different voices & rhythms.



## Recalling the Memorized Data

Press any key from [M1], [M2], [M3] or [M4], and then you can use the memorized data.

# RECORD

This instrument can record with three different tracks, including two Melody tracks, and one Rhythm/ACCOMP track.

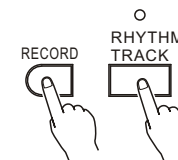
## Rhythm Track Record

The data below can be recorded by Rhythm Track:

1. Chord Changes
2. Intro, Main, Fill-in, Ending
3. Accompaniment Volume
4. Rhythm Type and Number
5. Tempo
6. Auto Accompaniment Song Track Key Operation Status.
7. Accompaniment Track Changes

After selecting the accompaniment type of the song you want to record and the status you want to use, press [RHYTHM TRACK] button while holding down the [RECORD] button. Then the up light flickers, and so do the time signatures in the display. The record begins as soon as you play the keyboard at the auto accompaniment section, and you can also use the [START/STOP] button to begin.

This record process will automatically stop if 2000 notes have been recorded. You can also stop it by pressing [RHYTHM TRACK] button.

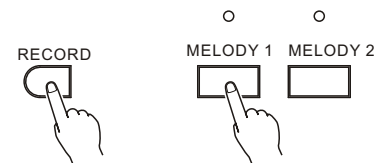


### Melody Track Record

The data below can be recorded with Melody Track.

1. The on/off status of the keys
2. Touch strength
3. Voice number
4. Volume
5. DSP type

After selecting the voice for the main rhythm, the voice effects and relative parameters that required, press [MELODY 1] button or [MELODY 2] button while holding down the [RECORD] button. Then its up light flickers, and so do the time signatures in the display, and the record begins. You can also use the [START/STOP] button to begin. This record process will automatically stop if 2000 notes have been recorded. You can also stop it by pressing [MELODY 1] button or [MELODY 2] button.

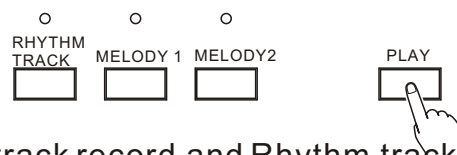


## PEDALS

1. Sustain Pedal(6): Using this pedal can bring sustain effect to the melody.
2. Damper Pedal(5): Using this pedal can diminish the melody sound.

## EXTERNAL TERMINALS

1. DC Adapter Socket(9)
2. MIDI Input/Output: MIDI(Musical Instrument Digital Interface) is an international standard. It connects musical instruments that have this function in order to control and transmit data to each other. Thus, it makes all the instrument a big system and greatly enlarge the whole function.
3. Headphone Jack: You can connect a headphone with this instrument through this jack.



12

Melody track record and Rhythm track record can be used together, and detail method is just the same as the ones mentioned above.

### Play

Melody 1, Melody 2 and rhythm track can be played either at the same time or individually. Just set these song tracks to on status(its light is on) or leave the tracks off(its light is off), then press [PLAY] button. The playback will automatically stop if the recorded material is finished, or you can press [PLAY] button during the performance to stop the playback.

# SPECIFICATIONS

## Keyboard:

88 standard-size keys with touch response.

## Voices:

128 standard PCM MIDI voices (max. polyphony: 32)

9 groups of percussions

## Number buttons:

0--9, [+], [-]

## Voice controls:

Sustain, Transpose, Tuning, DSP

## Auto accompaniment:

SYNC, Start/Stop, Intro/Ending, Fill in, Tempo,

Rhythm Volume, Chord Volume

## Keyboard controls:

Chord OFF, S. Finger, Fingered, Keyboard Split

## MIDI controls:

MIDI IN, MIDI OUT

## Record & Play controls:

Three tracks record

## Others:

3 demos, 4 memory banks(M1 --M4)

## Auxiliary jacks

PHONES/OUTPUT, AC Adaptor jack, MIDI Input/Output

## Speakers

16.5cm x 2 + 5cm x 2

## Rated Voltage

AC 220V

## Dimensions

1320 x 530 x 850 mm (W x H x D)

## Gross Weight

65 Kg (including the packing)

## Supplied accessories

Music Stand, Owners Manual, Repairing Card, Power Supply Cord

# MAINTENANCE

## Location:

Avoid exposure to direct sunlight or other source of overheat or over humid.

Do not use it close to television sets or other equipment receiving electromagnetic signals as this cause interference noise in the other appliance.

## Handling:

Avoid rough handling. Do not drop or jolt this instrument, as this can leave scars or cause other serious damage.

Pay special attention while transporting, in case the internal parts might get damaged, or malfunction might occur.

Do not let liquid, dust, and powder, especially small metal stuff enter into this instrument. Put down the keyboard cover after you finish playing.

## Power:

The power switch must be at OFF position before using. Turn off the power if you finish. If you want to connect it with other devices, first turn off the power, then connect them.

Avoid placing together the plug of this instrument and plugs of high power-output appliances such as refrigerator.

## Cleaning:

Clean the exterior with a soft, dry cloth. Using Chemical solvents will damage the finish.

## Modifications:

Never try to dismantle this instrument by yourself. Any problem please refer to qualified WORLDE personnel..

## APPENDIX 1. VOICE LIST (MIDI)

NO	ENGLISH NAME	中文名称
01	Acoustic Grand Piano 1	三角钢琴
02	Bright Acoustic Piano 2	明亮钢琴
03	Electric Grand Piano 3	电子三角钢琴
04	Honky-Tonk Piano	酒吧钢琴
05	Electric Piano 1	电钢琴 1
06	Electric Piano 2	电钢琴 2
07	Harpsichord	古钢琴
08	Clavi	克拉维娜
09	Celesta	钢片琴
10	Glockenspiel	钟琴
11	Music Box	音乐盒
12	Vibraphone	颤音琴
13	Marimba	马林巴
14	Xylophone	木琴
15	Tubular Bells	钟管铃
16	Dulcimer	洋琴
17	Drawbar Organ	轴杆风琴
18	Percussive Organ	打击风琴
19	Rock Organ	摇滚风琴
20	Church Organ	教堂风琴
21	Reed Organ	簧风琴
22	Accordion	手风琴
23	Harmonica	口琴
24	Bandoneon	中曼多林
25	Acoustic Guitar (Nylon)	尼龙吉他
26	Acoustic Guitar (Steel)	金属吉他
27	Electric Guitar (Jazz)	爵士吉他
28	Electric Guitar (Clean)	原音吉他
29	Electric Guitar (Muted)	弱音器吉他
30	Overdriven Guitar	弱失真吉他
31	Distortion Guitar	强失真吉他

NO	ENGLISH NAME	中文名称
32	Guitar Harmonics	吉他和声
33	Acoustic Bass	原声贝司
34	Electric Bass (Finger)	指弹贝司
35	Electric Bass (Pick)	拨片贝司
36	Fretless Bass	无品低音贝司
37	Slap Bass 1	打弦贝司 1
38	Slap Bass 2	打弦贝司 2
39	Synth Bass 1	合成贝司 1
40	Synth Bass 2	合成贝司 2
41	Violin	小提琴
42	Viola	中提琴
43	Cello	大提琴
44	Contrabass	低音提琴
45	Tremolo Strings	震音弦乐
46	Pizzicato Strings	拨奏弦乐
47	Orchestral Harp	竖琴
48	Timpani	定音鼓
49	String Ensemble 1	弦乐合奏 1
50	String Ensemble 2	弦乐合奏 2
51	Synth Strings 1	合成弦乐器 1
52	Synth Strings 2	合成弦乐器 2
53	Choir Aahs	“啊”声合唱
54	Voice Oohs	“欧”声合唱
55	Synth Voice	合成合唱
56	Orchestra Hit	流行管弦乐
57	Trumpet	小号
58	Trombone	长号
59	Tuba	大号
60	Muted Trumpet	弱音小号
61	French Horn	圆号
62	Brass Section	铜管乐队
63	Synth Brass 1	合成铜管乐 1
64	Synth Brass 2	合成铜管乐 2



NO	ENGLISH NAME	中文名称
65	Soprano Sax	高音萨克斯
66	Alto Sax	中音萨克斯
67	Tenor Sax	次音萨克斯
68	Baritone Sax	准低音萨克斯
69	Oboe	双簧管
70	English Horn	英国管
71	Bassoon	巴松管
72	Clarinet	黑管
73	Piccolo	短笛
74	Flute	长笛
75	Recorder	八孔直笛
76	Pan Flute	排箫
77	Blown Bottle	瓶木管
78	Shakuhachi	洞箫
79	Whistle	口哨
80	Ocarina	洋埙
81	Lead 1 (Square)	方波管乐 1
82	Lead 2 (Sawtooth)	锯齿波管乐 2
83	Lead 3 (Calliope)	女神管乐
84	Lead 4 (Chiff)	啼鸟管乐
85	Lead 5 (Charang)	波兰管乐
86	Lead 6 (Voice)	人声管乐
87	Lead 7 (Fifths)	五度管乐
88	Lead 8 (Bass+Lead)	贝司管乐
89	Pad 1 (New Age)	幻想垫
90	Pad 2 (Warm)	音色垫
91	Pad 3 (Polysynth)	多种合成音色垫
92	Pad 4 (Choir)	歌唱垫
93	Pad 5 (Bowed)	弓弦音色垫
94	Pad 6 (Metallic)	金属音色垫
95	Pad 7 (Halo)	环形音色垫
96	Pad 8 (Sweep)	刷擦音色垫
97	Fx 1 (Rain)	雨

NO	ENGLISH NAME	中文名称
98	Fx 2 (Sound Track)	电影音乐
99	Fx 3 (Crystal)	水晶
100	Fx 4 (Atmosphere)	大气
101	Fx 5 (Brightness)	明亮
102	Fx 6 (Goblins)	小妖精
103	Fx 7 (Echoes)	回声
104	Fx 8 (Sci-Fi)	科学幻想
105	Sitar	西他
106	Banjo	班卓琴
107	SanXian	三弦
108	GuZheng	古筝
109	Kalimba	卡林巴
110	BagPipe	风笛
111	ErHu	二胡
112	SuoNa	唢呐
113	Tinkle Bell	清脆铃
114	Agogo	阿蝈蝈
115	Steel Drums	金属鼓
116	Woodblock	击木鼓
117	Taiko Drum	日本鼓
118	Melodic Ton	美妙拍鼓
119	Synth Drum	合成鼓
120	Reverse Cymbal	反面饶钹
121	Guitar Fret Noise	弦马杂音
122	Breath Noise	呼吸音
123	Seashore	海滨
124	Bird Tweet	小鸟叫声
125	Telephone Ring	电话
126	Helicopter	直升飞机
127	Applause	喝彩
128	Gunshot	枪声

## APPENDIX 2. RHYTHM LIST

NO	ENGLISH NAME	中文名称
00	8 BEAT 1	8拍1
01	8 BEAT 2	8拍2
02	16 BEAT 1	16拍1
03	16 BEAT 2	16拍2
04	FUNK	早期爵士乐
05	POP BALLAD	流行伤感民谣
06	SOFT BEAT	软拍
07	POP	波谱
08	DISCO	迪斯科
09	TECHNO	技巧音乐
10	RAVE	舞会
11	R & B	强节奏伤感音乐
12	BLUES	布鲁斯
13	GOSPEL	黑人音乐
14	ROCK BALLAD	伤感民谣
15	SLOW ROCK	慢摇滚
16	60'S ROCK	60秒摇滚
17	HARD ROCK	激烈摇滚乐
18	HEAVY METAL	重金属乐
19	ROCK & ROLL 1	快速摇滚1
20	ROCK & ROLL 2	快速摇滚2
21	TWIST	扭扭舞
22	BOOGIE WOOGIE	布吉尔
23	SWING	摇摆
24	FOXTROT	狐步舞
25	CHARLESTON	查尔斯顿舞
26	BIG BAND	大乐队伴奏
27	DIXIELAN	新奥尔良爵士
28	JAZZ WALTZ	爵士华尔兹
29	BOSSA NOVA	波沙诺瓦

NO	ENGLISH NAME	中文名称
30	BEGUINE	贝津舞
31	MAMBO	曼波舞曲
32	TANGO	探戈
33	CUMBIA	刚比亚
34	SALSA	萨尔沙
35	REGGAE	雷格
36	RUMBA	伦巴
37	CHACHA	恰恰
38	SAMBA	桑巴
39	COUNTRY	乡村音乐
40	COUNTRY WALTZ	乡村华尔兹
41	COUNTRY ROCK	乡村摇滚
42	RAGTIME	加勒比黑人
43	MARCH	进行曲
44	MARCH 6/8	6/8 进行曲
45	POLKA	波乐卡
46	BAROQUE	巴洛克
47	PASOSDOBLE	斗牛士舞
48	TRAD WALTZ	传统华尔兹
49	VIENNA WALTZ	维也纳华尔兹



## APPENDIX 3. DRUM KIT LIST

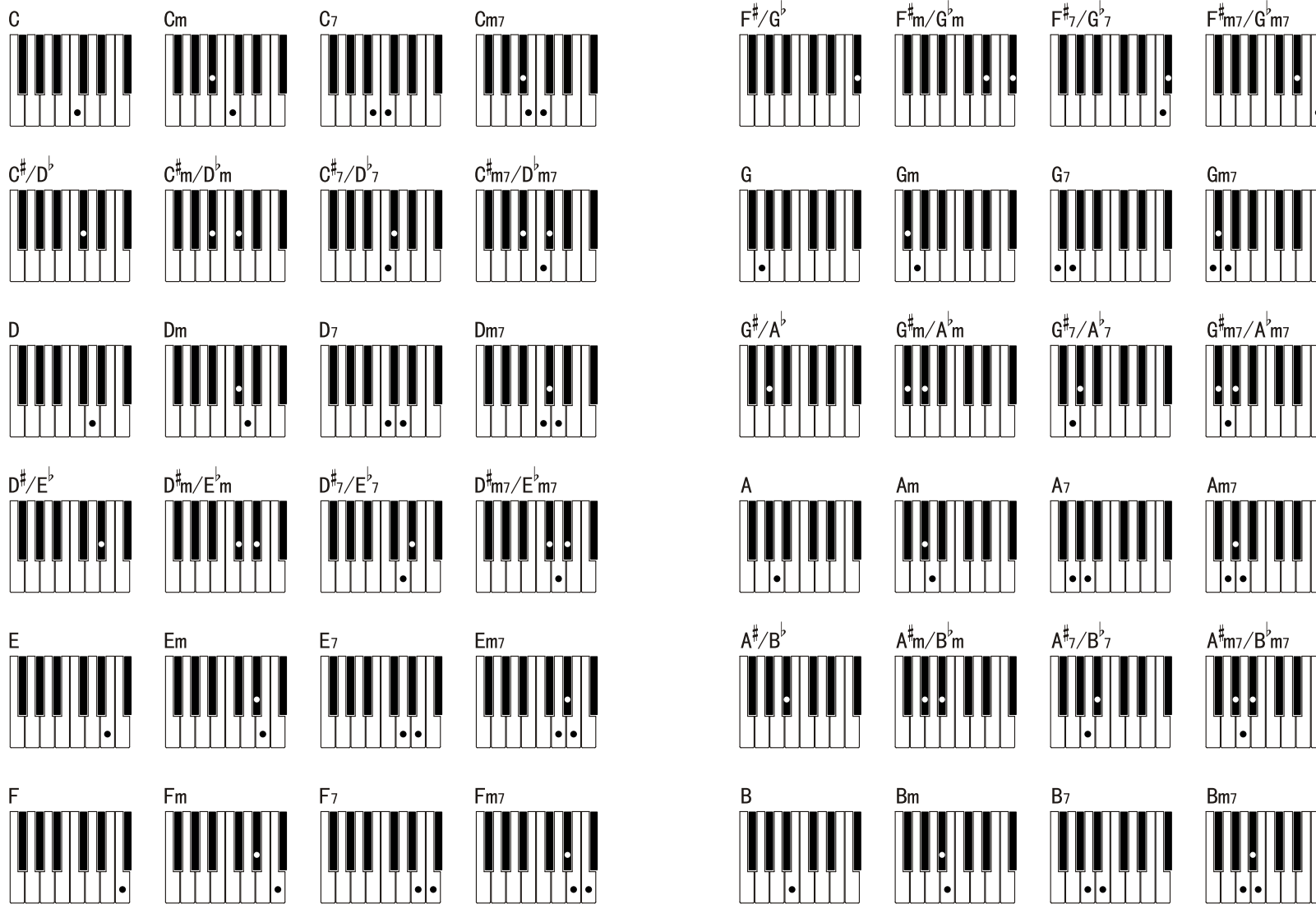
KEY	Prog 1STANDAED SET 标准	Prog 2 ROOM SET	Prog 3 POWER SET	Prog 4 ELECTRONIC	Prog 5 DANCE SET	Prog 6 JAZZ SET	Prog 7 BRUSH SET	Prog 8 ORCHESTRA SET	Prog 9 SFX SET
D#1	High Q 高Q值	←	←	←	←	←	←	←	←
E1	Slap 敲击	←	←	←	←	←	←	Pedal Hihat	←
F1	Scratch Push 推拔	←	←	←	←	←	←	Open Hihat	←
F#1	Scratch Pull 拉拔	←	←	←	←	←	←	←	←
G1	Sticks 鼓棒	←	←	←	←	←	←	←	←
G#1	Square Click 方波卡嗒声	←	←	←	←	←	←	←	←
A1	Metronome Click 节拍器“叮”	←	←	←	←	←	←	←	←
A#1	Metronome Bell 节拍器“嗒”	←	←	←	←	←	←	←	←
B1	Kick drum 2 大鼓2	←	←	Electronic Kick2	909BD	Jazz Bass Drum2	Jazz Bass Drum2	Concert Bass Drum2	←
C2	Kick drum 1 大鼓1	←	Power Kick	Electronic Kick1	808BD	Jazz Bass Drum1	Jazz Bass Drum1	Concert Bass Drum1	←
C#2	Side Stick 鼓棒边	←	←	←	808Rim shot	←	←	←	←
D2	Snare Drum 1 小鼓1	←	Gated Snare Drum	Electronic Snare Drum	808 Snare Drum	←	Brush Tap	Concert Snare Drum	←
D#2	Hand Clap 拍手	←	←	←	←	←	Brush Slap	Castanets	High Q
E2	Snare Drum 2 小鼓2	←	←	Gated Snare Drum	909 Snare	←	Brush Swirl	Concert Snare Drum	Slap
F2	Low Floor Tom 地通鼓, 低	Power Low Tom2	Power Low Tom2	Electronic Low Tom2	808 Low Tom2	←	←	Timpani F	Scratch Push
F#2	Close Hi Hat[EXC1] 关高钹	←	←	←	808 CHH[EXC1]	←	←	Timpani F#	Scratch Pull
G2	High Floor Tom 地通鼓, 高	Power Low Tom1	Power Low Tom1	Electronic Low Tom1	808Low Tom2	←	←	Timpani G	Sticks
G#2	Pedal Hi Hat[EXC1] 踩钹	←	←	←	808 CHH[EXC]	←	←	Timpani G#	Square Click
A2	Low Tom 低通鼓	Power Mid Tom2	Power Mid Tom2	Electronic Mid Tom2	808 Mid Tom2	←	←	Timpani A	Metronome Click
A#2	Open Hi-Hat[EXC1] 开高钹	←	←	←	808OHH[EXC1]	←	←	Timpani A#	Metronome Bell
B2	Low Mid Tom 低中通鼓	Power Mid Tom1	Power Mid Tom1	Electronic Mid Tom1	808 Mid Tom1	←	←	Timpani B	Guitar Slide
C3	Hi Mid Tom 高中通鼓	Power Hi Tom2	Power Hi Tom2	Electronic Hi Tom2	808 Hi Tom2	←	←	Timpani C	Gt Cut Noise(down)
C#3	Crash Cymbal 1 击钹1	←	←	←	808 Cymbal	←	←	Timpani C#	Gt Cut Noise(up)
D3	High Tom 高通鼓	Power Hi Tom1	Power Hi Tom1	Electronic Hi Tom1	808 Hi Tom1	←	←	Timpani D	Double Bass Slap
D#3	Ride Cymbal 1 载钹1	←	←	←	←	←	←	Timpani D#	Key Click
E3	Chinese Cymbal1 中国钹	←	←	Reverse Cymbal	←	←	←	Timpani E	Laughing
F3	Ride Bell 载铃	←	←	←	←	←	←	Timpani F	Screaming
F#3	Tambourine 扁小铃鼓	←	←	←	←	←	←	←	Punch
G3	Splash Cymbal 溅钹	←	←	←	←	←	←	←	Heart Beat
G#3	Cowbell 牛铃	←	←	←	808 Cowbell	←	←	←	Footsteps 1
A3	Crash Cymbal 2 击钹	←	←	←	←	←	←	Concert Cymbal 2	Footsteps 2
A#3	Vibraslap 振动拍击	←	←	←	←	←	←	←	Applause
B3	Ride Cymbal 2 载钹2	←	←	←	←	←	←	Concert Cymbal 1	Door Creaking
C4	Hi Bongo 小手鼓, 高	←	←	←	←	←	←	←	Door Closing
C#4	Low Bongo 小手鼓, 低	←	←	←	←	←	←	←	Scratch
D4	Mute Hi Conga 哑音康加, 高	←	←	←	808 High Conga	←	←	←	Wind Chime
D#4	Open Hi Conga 开康加, 高	←	←	←	808 Mid Conga	←	←	←	Car Engine Start
E4	Low Conga 康加, 低	←	←	←	808 Low Conga	←	←	←	Car Breaking



F4	High Timbale 铜鼓, 高	←	←	←	←	←	←	←	Car Pass
F#4	Low Timbale 铜鼓, 低	←	←	←	←	←	←	←	Car Crash
G4	High Agogo 摇摆舞鼓, 高	←	←	←	←	←	←	←	Police Siren
G#4	Low Agogo 摇摆舞鼓, 低	←	←	←	←	←	←	←	Train
A4	Cabasa 康巴萨	←	←	←	←	←	←	←	Jet Take-off
A#4	Maracas 响葫芦	←	←	←	808 Maracas	←	←	←	Helicopter
B4	Short Whistle[EXC2] 短口哨	←	←	←	←	←	←	←	Starship
C5	Long Whistle[EXC2] 长口哨	←	←	←	←	←	←	←	Gun Shot
C#5	Short Guiro[EXC3] 格里欧, 短	←	←	←	←	←	←	←	Machinegun
D5	Long Guiro[EXC3] 格里欧, 长	←	←	←	←	←	←	←	Lasergun
D#5	Claves 尖劈	←	←	←	808 Claves	←	←	←	Explosion
E5	Hi Wood Block 木块, 高	←	←	←	←	←	←	←	Dog
F5	Low Wood Block 木块, 低	←	←	←	←	←	←	←	Horse Gallop
F#5	Mute Cuia[EXC4] 哑音葵卡	←	←	←	←	←	←	←	Birds
G5	Open Cuica[EXC4] 开葵卡	←	←	←	←	←	←	←	Rain
G#5	Mute Triangle[EXC5] 哑音三角铁	←	←	←	←	←	←	←	Thunder
A5	Open Triangle[EXC5] 开三角铁	←	←	←	←	←	←	←	Wind
A#5	Shaker 摇荡器	←	←	←	←	←	←	←	Sea Shore
B5	Jingle Bell 响铃	←	←	←	←	←	←	←	Stream
C6	Belltree 树铃	←	←	←	←	←	←	←	Bubble
C#6	Castanets 响板	←	←	←	←	←	←	←	←
D6	Mute Surdo[EXC6] 哑音萨多	←	←	←	←	←	←	←	←
D#6	Open Suredo[EXC6] 开萨多	←	←	←	←	←	←	←	←
E6		←	←	←	←	←	←	Applause	←



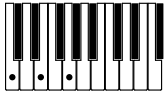
## APPENDIX 4. SINGER FINGER CHORDS



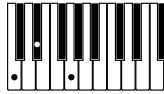


## APPENDIX 5. FINGERED CHORDS

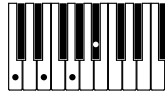
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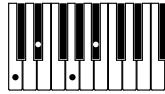
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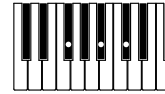
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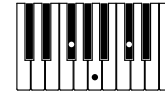
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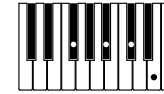
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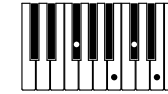
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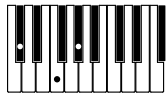
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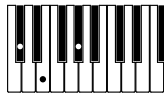
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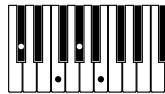
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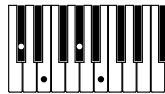
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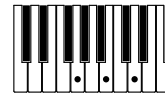
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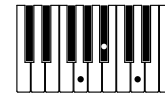
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G



Gm



G7



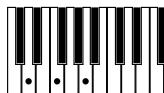
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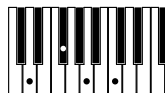
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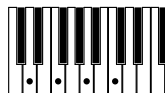
Dm



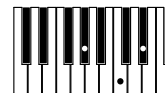
D7



Dm7



G<sup>#</sup>/A<sup>b</sup>



G<sup>#</sup>m/A<sup>b</sup>m



G<sup>#</sup>7/A<sup>b</sup>7



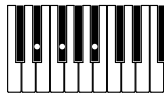
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D<sup>#</sup>/E<sup>b</sup>



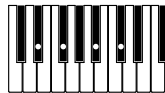
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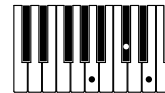
D<sup>#</sup>7/E<sup>b</sup>7



D<sup>#</sup>m7/E<sup>b</sup>m7



A



Am



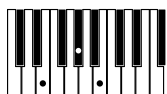
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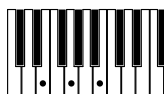
Am7



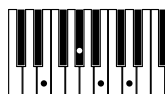
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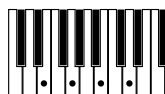
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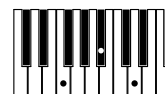
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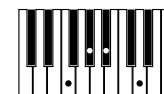
A<sup>#</sup>/B<sup>b</sup>



A<sup>#</sup>m/B<sup>b</sup>m



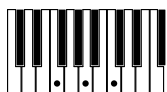
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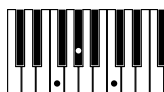
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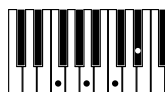
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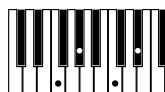
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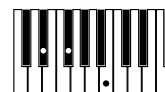
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Fm7



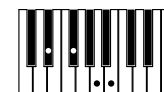
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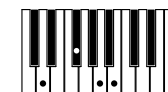
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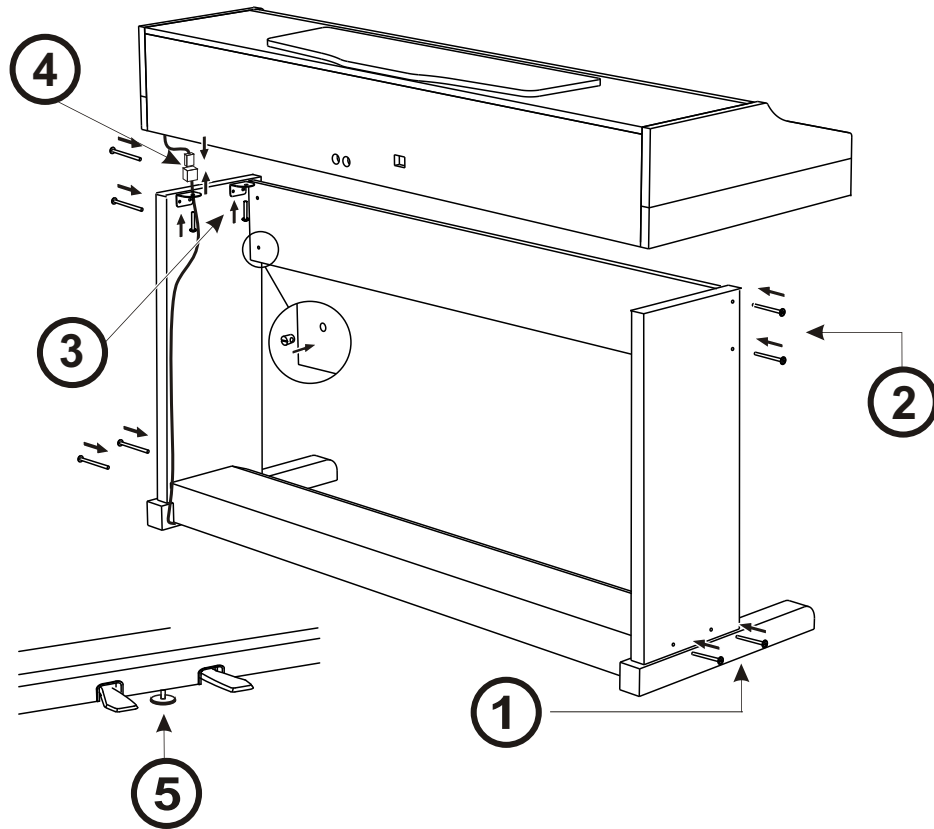
B7



Bm7



# SETTING UP



1. Fix the left and right feet on the ground board with 4 black screws at each side.
2. Fix the left and right feet on the front panel with 4 black screws at each side.
3. Place the body onto the plank, and fix it with 4 zinc-gilded screws at each side as shows in the illustration.
4. Connect the cable of foot switch with the plug cable (As shown in the illustration).
5. Move the screw between the sustain pedal and damper pedal right onto the ground, in order to pin up the pedal.

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