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 digital piano, please be sure to read carefully this manual and keep it at hand for future reference.

MAIN FEATURES

- 88-key standard piano touch response and hammer action keyboard
- 163 different kinds of well-chosen voices, including 4 voices of Chinese
- folk instruments(Trichord, Gu-zheng, Erhu, Suona）
- Voice setting function, Relative voice parameter will be selected automatically after choosing one voice
- Almost including 100 popular accompaniment styles in the world. Each rhythm has its own intro,
- Various types of commonly-used voices and styles for rapid choice
- With 9 groups of percussion instrument and a special-effect-voice, including a group of Chinese
- Chinese traditional percussion instrument.
- Be able to synthesize certain digital effects like the reverb, chorus, and pitch bend, which could
- create various sound field effects.
- Minus Channel Mode and Repeated Playback function are excellent for teaching and practicing.
- Song Recording function can record one accompaniment track and five melody tracks.
- Be able to record user's songs
- Beautiful demo songs, making great contributions to lifting your performance level.
- Memory Bank can reserve at most 8 panel parameter settings and each setting can be recalled whenever you want.
- MIDI function makes your instrument able to connect to any other standard MIDI system.
- USB function makes your instrument able to edit rhythm and write rhythm with voice software after connecting with computer.

CONTENTS

SAFETY PRECAUTIONS

■ Locations：

● Avoid exposure to sunlight。

● Do not place the item in or near overheated places like car or over for a long time。

● Do not place the item in places of moisture, dirty and vibrated。

■ Do not place the item near facilities with strong electromagnetic such as television and radio。

■ Avoid strong crash and scratches with hard object。

■ Turn off the power supply when not in use. If the item is not in use for a long time。

■ Cut the power supply if any of the following occur：

● Power supply cable is damaged。

● Fluid is splashed into/onto the item。

● Thundering。

■ When cutting the power supply, plug out the power socket, rather than pull the cable。

■ When connecting to an external power supply, mind the maximum rated power。

■ Clean the item with soft and clean cloths. Few amounts of neutral cleanser could be used but never use solvents which would damage the finishing of the piano, such as alcohol, benzene, paint, or diluents

● Setting up of W8830A
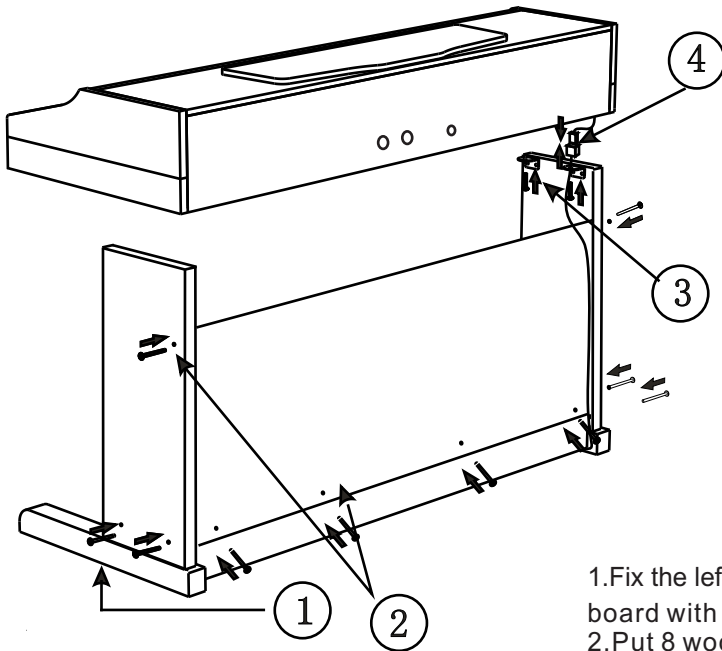
1.Fix the left and right feet on the ground
board with 4 black screws at each side.
2.Put 8 wooden screws into the small holes
in the front left and right feet, 4 for each side.
Then fix these feet separately on the ground
board and ground feet.
3.Place the piano body onto the plank, and fix it
with 4 zinc-gilded screws at each side as shows
in the illustration.

4.Connect the cable of foot switch with the
socket cable (As shown in the illustration).

● External Terminals
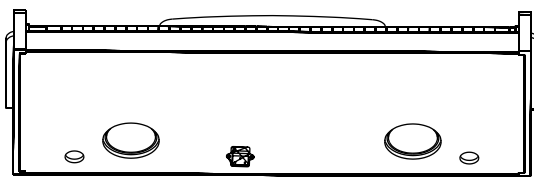
AC Adapter Socket
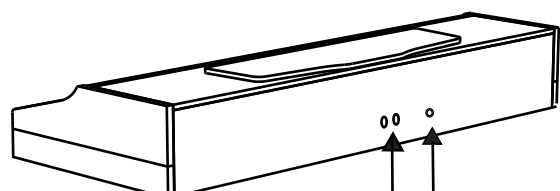
MIDI IN   MIDI OUT   Headphone

Penal Control

● AC Adapter Socket

This instrument can be supplied by connecting the output and input terminal of the power cord to the socket and 220V AC Adapter.

● Earphone Output
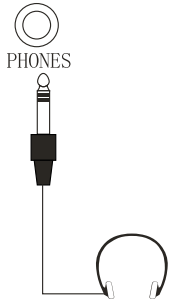
PHONES

Put a standard earphone to connect this instrument's PHONE plug. While connection is made, you may only hear the sound inside the earphone and practice the music without disturbing the others.

● Audio Output
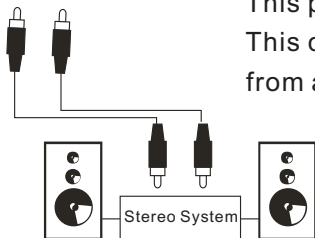
AUDIO OUT

This plug can also be connected to the speaker to have a stereo system. This can be used when making a performance. Original signals come from audio output while processed signals from the Earphone output.

Stereo System

● MIDI Input/Output
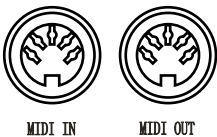
MIDI IN   MIDI OUT

MIDI IN receives data from the outside MIDI devices connected (e.g. Sequencer). MDI OUT sends MIDI data of this instrument.

Panel

■ Control Board: ·········

■ Turn on the Power

● Open the keyboard cover, and set up the music stand.

● Before connecting to the alternating current, set the Power Switch to 0 position. Plug the power cable output into the AC Power Socket, then connect the power cable input with alternating current. Set the Power Switch to 1 position, then the screen shows 001, and then adjust the Master Volume dial to set the volume you want.

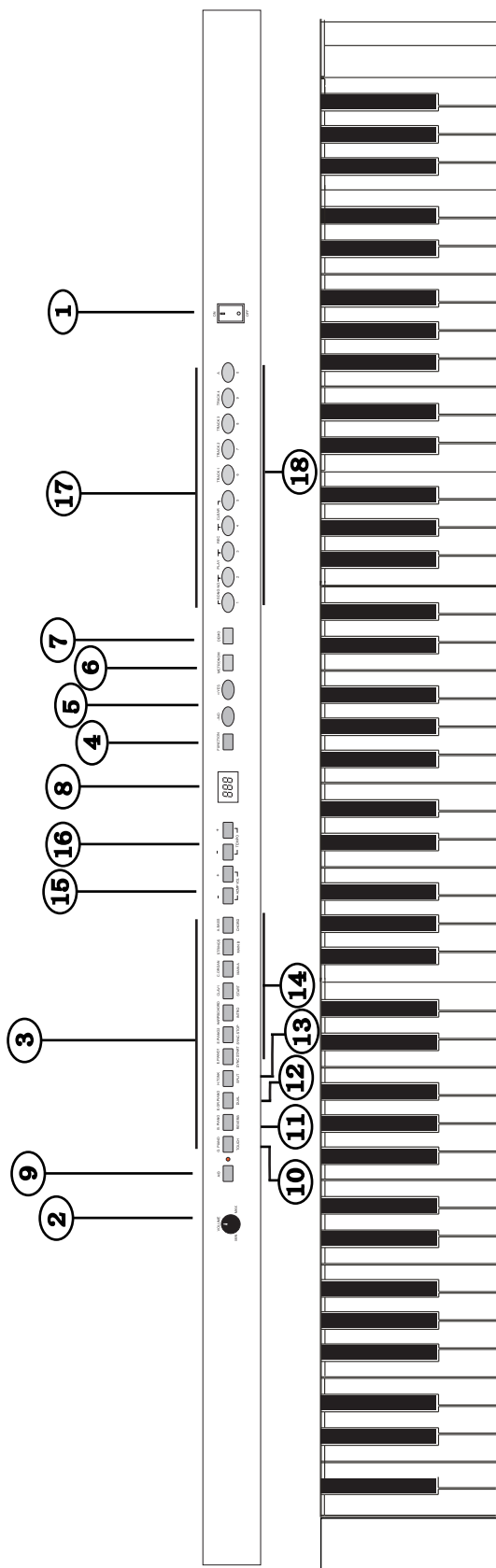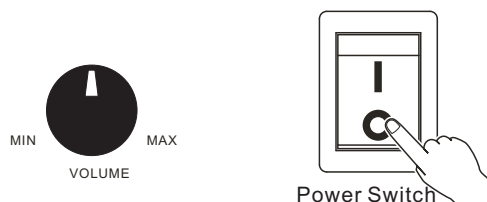MIN   MAX
VOLUME

Power Switch

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.** During normal performance, the master volume should be set to max. 3/4position, as some voices will distort if the volume is over 3/4.

001

■ A/B Shift Functions

● LED lighting shows the auto accompaniment and effects mode, otherwise, the voice mode is on.

A/B
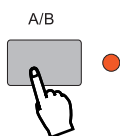
DEMO SONGS

✳ There are all together 22 to 100 demonstration songs in this instrument, which thoroughly display its excellent quality in the tone and melody. You can get a general idea of this instrument through them.

● Press the [DEMO] button, this piano will play all the demo songs automatically. The screen shows [E.0.1.]. The songs will be played in order and circularly before being stopped.

-/NO   +/YES

E01

DEMO SONG

SONG PAUSE FUNCTION

✽ This function will make a pause of the song. Press this button again can restart the song from the stopped point.

● In auto accompaniment mode,press the 〔SYNC START/STOP〕can stop the present demo song being played. If you press [PLAY/STOP] button again the demo song will be played again. No parameter for this shows on the screen.

CLAV1

start/s

FF/REW FUNCTION

With this function you can Control the FF/REW function freely when them songs are being played.
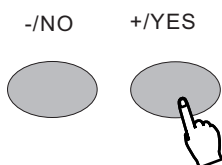
● In auto accompaniment, press the [MAIN A/AUTO FILL／REW] button after playing the demo songs will move the song back toward the beginning. Press the [MAIN B/AUTO FILL/FF] can fast forward the song being played.

CHURCH ORGAN   STRINGS ENSEMBLE

MAIN A/　W   MAIN B/
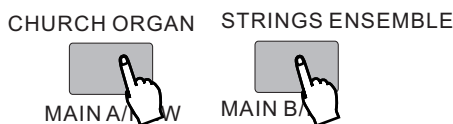
MINUS CHANNEL MODE

✽ Under this mode, the left/right part of the keyboard of the demo can be closed in order to make you more convenient to follow the playing. The relative parameter shows on the screen.

● Press the [Function] button to"J00"（minus channel mode）. Press 〔+/YES〕 and 〔-/NO〕 buttons to close the appointed part. The parameter is "J00-J01-J02"

Notice:

· Minus Channel Mode has no effect on the song you record by yourself.

| MODE	PARAMETER
MINUS ON	_J00_
Right hand MinusMod	_J01_
MinusMod Left hand	_J02_

REPEATED PLAYBACK

* This function lets you repeat a certain part of the song. During playback, press the［CHORD］button at the beginning of your desired part(no parameter shows in the screen) and press it again at its end(no parameter shows in the screen). Then it can repeatedly play the part you desired until you press the [CHORD] button again or when the demo song is being stopped playing.

Notice:
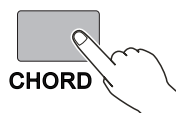
· If you set the point A only, the repetition will start from A to the end. For example, you set the point A at measure 2 and point B at measure 8,the repetition will play from measure 2 to 8.

· REPEAT PLAYBACK has no effect on the song you record by yourself.

★ please refer to page 8 for the PAUSE／FF／REW function.

SELECTING AND PLAYING A VOICE

This instrument comes with 163 built-in voices (01-163) and 10 percussion groups（01-10）for selection. 24 types of commonly-used voices are on the panel for rapid choice. The instrument will automatically turn on 001 acoustic grand piano.

■ Selecting a Voice

You can use [+/YES] and [-/NO] buttons or numeric buttons to select any of the 163 voices when the LED shows 001.
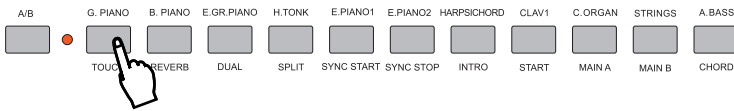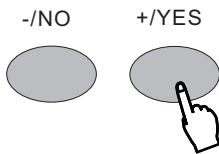
Notice :

• You can also select the voice number by the numeric buttons under voice mode. More information please refer to the specification of numeric buttons. The voice list is in the appendix.

■ Selecting the Keyboard Percussion Function

The keyboard can play the drums and other percussion instrument under keyboard percussion mode.Keep pressing [VOICE] button when the digit 154 -163 shows in the LED, and then select one of the 10 groups of percussion with the [+/YES] and [-/NO] buttons, the name of the percussion is in the percussion voice list in the appendix.

-/NO   +/YES

Notice:

• While selecting the Percussion,you may not use the DUAL and the HARMONY function at the same time. These functions will automatically close.The transpose parameters have no
• effect on the percussion instrument.

NUMERIC BUTTON

✳ The numeric button in this instrument is used for choosing some functions rapidly. All the functions controlled by the [+/YES] and [-/NO] buttons can be controlled by [NUMERIC BUTTON] rapidly.

● These buttons are used to input the desired voice number. For two-digit numbers (01-99) entries, simply pressing the two numbers in order will be fine. For example, if you want to select voice number 57, you just have to press [5] and [7].
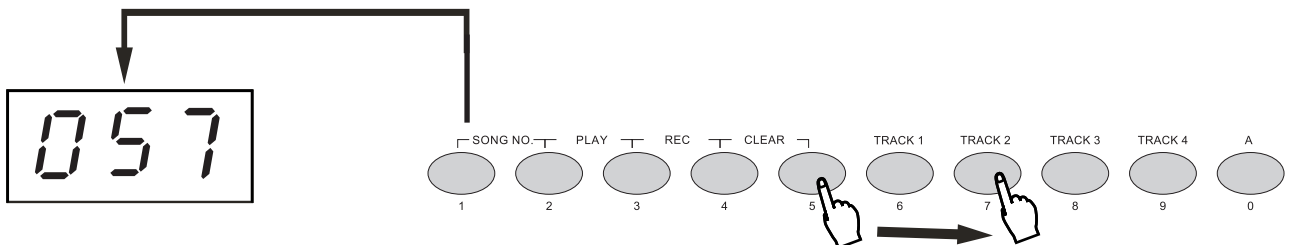
● When it comes to three-digit number entry, hold [1] until it appears at hundred's place, then input the next two numbers following the same procedure as above.
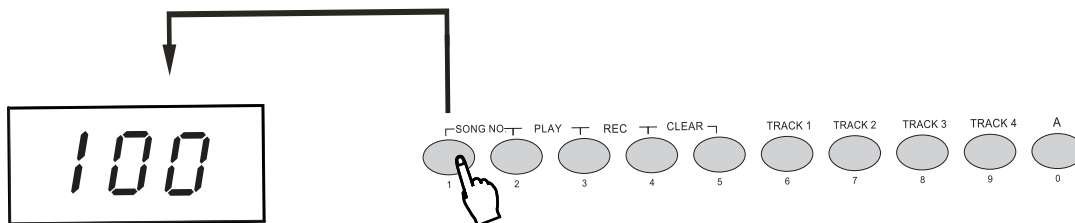
✱ This digital piano offers you various types of effects. You can freely choose your favorite one. The effects include touch, dual voice, reverb, harmony, chorus, transpose, tuning, keyboard split, accompaniment volume, tempo, pitch bend wheel, sustain pedal and so on. The details about the effects will be introduced in this section.

TOUCH RESPONSE

✱ This function could adjust the volume by controlling the strength of pressing the keyboard.
There are five touch types (Touch SNS 15) available by pressing the [TOUCH] button in the panel.

● Press the [TOUCH] button may open/close the keyboard touch function. While the function is closed, the keyboard will produce the same volume to simulate instruments without such touch response, such as the ORGAN & CLASSIC PIANO.

TOUCH

Notice:

The keyboard will automatically call up touch response after you turn it on. No indicator shows in the screen

── Adjusting the Sensitivity Parameter of Touch Response ──

✱ There are five touch types (Touch SNS 15) available by pressing the [TOUCH] button in the panel. Its default touch type is medium response (100). Press the [TOUCH] button for at least 3 seconds, and the indicator "C02" appears in the LED. You can change the touch type by using [+/YES] and [-/NO] button The parameter is from C00 to C04.
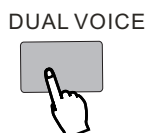
-/NO   +/YES   C02   TOUCH

Notice:
· The keyboard will automatically call up touch response after you turn it on. Its default touch type is medium response.

DUAL VOICE

✱ This function makes available the keyboard play two combined voices at the same time. One voice is selected by the normal function, and another voice by this function.

DUAL VOICE

Selecting the relative parameters of Dual

● Press the [DUAL] button for 3 seconds when "049" appears in LED. Use [+/YES] and [-/NO] buttons or numeric buttons to select parameter settings of the second voice, the current setting is displayed in the LED. The parameter adjustment is from 001-153.

-/NO   +/YES

```
049
```
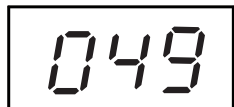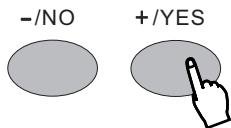
Notice:

· If you press this button right after you turn on this instrument, stringed instruments ensemble would be automatically set as defaulted second voice. In this mode, you cannot choose the first voice, so you ought to settle the first voice before entering into this mode.
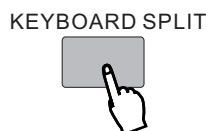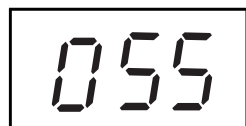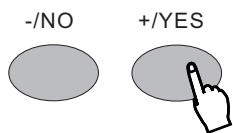
KEYBOARD SPLIT MODE

✳ Under this mode, the keyboard split to the right & left hands. Each can play a different Voice. Example: SYNTH VOICE/PIANO. This mode splits the keyboard. One range is assigned a synth voice and other range is assigned a piano voice. The voice of the right hand selects by normal mode.

KEYBOARD SPIT

SPLIT POINT

RIGHT HAND VOICE

SPLIT VOICE/LEFT HAND
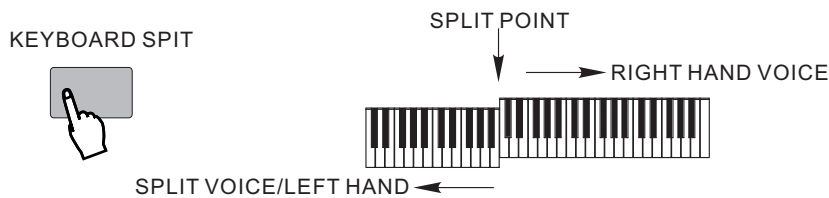
Changing the Voice in Keyboard Split Mode

● Press [Keyboard Split] button and the LED shows [055]. You can select right hand voice with [+/YES] and [-/NO] buttons, the voice number will be displayed on LED accordingly. The parameter is from 001 to 128.

-/NO   +/YES

```
055
```

KEYBOARD SPLIT

Notice:

· The keyboard Split Mode and Dual Mode can play at the same time.
· Only the right hand plays the Dual.

HARMONY/ECHO

✳ The Harmony section features a variety of performance effects that enhance the melodies you play when using the accompaniment styles of the W8830A. A total of ten Harmony types are available. Echo effects (01, 02) can add harmony note in the melody you are playing. Echo is decided by the chord played by the left hand. Echo effects(03, 10) can add delay effect to your right hand playing.

■ Selecting the Type of Harmony/Echo

● Press the [FUNCTION] button to "H00" to select this function. You can chose your desired harmony type by using [+ / YES] and [- / NO] buttons. This function opens when the LED shows from 1 to 10 and the relative echo appears in the LED.
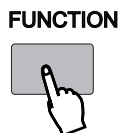
FUNCTION

Notice:

· The Echo/Harmony function can't be used when the instrument is in
· Percussion mode. Only a few echoes can't be used in normal performance mode. 00 shows when the echo mode
· is closed.

☆

REVERB

■ Selecting the Reverb Function

This function is to add reverberation effect to the voices, which can create live effect and sound as if you were performing in a small room or a concert. A total of eight different Reverb types simulating various different performance environments are available. Press the [REVERB] button to shift this mode.
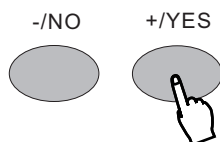
Press the [REVERB] button on the panel to open this function, the indicator above the button is on, and the whole keyboard has reverb effect.

REVERB

━━━ Changing the Reverb Function ━━━

■ Selecting the Type of Reverb

Press the [REVERB] function for 3 seconds, the LED displays as below. You can select 8 reverb types from R01 to R08 with [+/YES] and [-/NO] buttons.

-/NO   +/YES

Notice:

·The reverb function is automatically on when the instrument is powered on.

★ More information please see P. 23

CHORUS

■ Selecting the Chorus Function

It is to add chorus effect to the voices. There are 8 different types available.

● Press [Function] button until the LED shows U00 (the chorus function). Select one of the 8 chorus styles (U01-U08) with [+/YES],[-/NO] buttons.

-/NO   +/YES

U00

FUNCTION

★ More information please see P. 23

TRANSPOSE

■ Selecting the Parameter of Transpose

* This function determines the key of both the main voice and the bass/chord accompaniment of the selected style. It also determines the pitch of the songs. This allows you to easily match the pitch of this instrument to other singers, or play in a different key without changing your fingering. The transpose settings can be adjusted over a range of +/-12 semitones(+/-1 octave). P00 stands for the standard pitch.

● Hold [Function] button until the LED shows [P00] (transpose function). Use the [+/YES], [-/NO] buttons to select the parameter number(-12 to +12).

-/NO   +/YES

P00
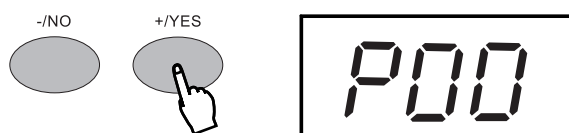
Notice :

· Press [+/YES] and [-/NO] buttons at the same time and the transpose value
· will return to 00. A new mode is only valid to the notes played after this
· new mode is set. But it has no effect on keyboard percussion music.

TUNING

■ Selecting the Parameters of Tuning

* This function determines the exact pitch of main voice and the selected accompaniment bass/chord and the song. Such function enables you to match this unit and the other musical instruments with the exact pitch.

● Hold [Function] button until the LED shows [d00], tuning function. Use the [+/YES], [-/NO] buttons to select the parameter number(-100...d00...d99), d00 stands for the standard pitch.

-/NO   +/YES

d99
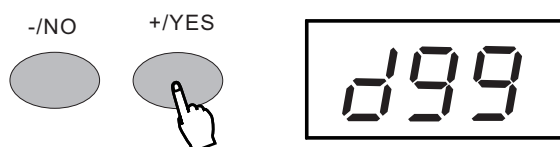
Notice :

· Press [+/YES] and [-/NO] buttons at the same time and the tuning value will return to 00.

· The new tuning value will be applied to the next note played.

METRONOME

■ Metronome Display

✳ Metronome is included in this model. When the Metronome is on, it will voice in Accompaniment / User Song Record mode. When it is on the metronome indicator flashes in the LED.

```
0.00        0.0.0        0.0.0.
```

● Press [METRONOME] button to turn on or turn off the metronome.
  Use +/YES and -/NO buttons to adjust metronome value from 40 to 240.

```
0.0.0.
```

METRONOME

TEMPO — +
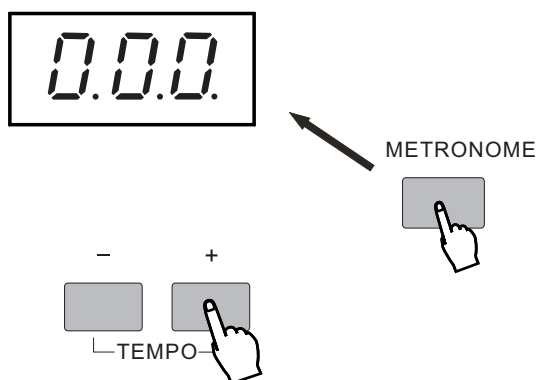
Notice:

· N00 indicates the Metronome function is off, N01 indicates the metronome function is on. The Metronome function is off when the power is just turned on.

Selecting Chord Accompaniment Mode

✳ W8830A provides dynamic rhymes and accompaniment patterns, as well as voice settings appropriate for each pattern for various popular music styles. A total of 100 kinds of different accompaniment styles are available, in two different categories Group A and Group B. All leading styles are printed on the panel. At the upper part of each style button are styles of Group A and lower part Group B. Each style is made up of separate sections：Intro, Main A／Auto Fill-in, Main B／Auto Fill-in and Ending, letting you call up accompaniment sections as you perform. The auto accompaniment features that are built into the rhythms add the excitement of instrumental backing to your performance, letting you control the accompaniment by the chords you play. Auto accompaniment effectively splits the keyboard into two sections: the upper is used for playing a melody line, and the lower (set by default to keys F#2 and lower）is for the auto accompaniment function.

✳ This instrument comes with 100 built-in styles, providing a complete band or style accompaniment. 24 commonly used styles are in the panel for rapid choice, 00(8 beat-1) is automatically selected when the power is on.

Keep pressing the [FUNCTION] button till L00 appears on the LED. Use +/YES and -/NO buttons or Numeric buttons to select the styles.
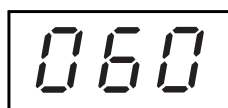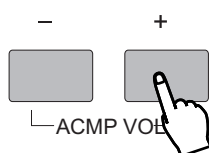
```
L 0 0
```

FUNCTION   -/NO   +/YES
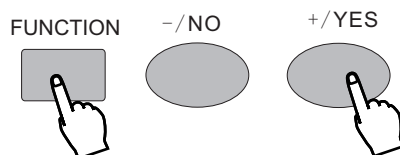
Notice:

· You can also select the voice number by numeric buttons in voice mode. For details please refer to the usage of numeric buttons. Voice list is in the appendix.
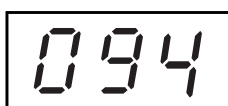
SETTING THE VOLUME

✳ Select the Tempo of 40-240/tempi by the ACMP VOLUME buttons, adjusting scale to be 00~127. Press at the same time to return to the initial volume 60.

−   +

ACMP VOL

```
0 6 0
```

SETTING THE TEMPO

✳ Every Style type has its own Tempo. It displays on the right side of the TEMPO indicator. While the Accompaniment is started, this Tempo will not be changed even if you select any other Style at the same time.

Select the Tempo of 40-240/tempi by the TEMPO buttons. Every press to increase one tempi. Keep pressing to quicken the procedure. Press the TEMP at the same time to return to the original tempo.
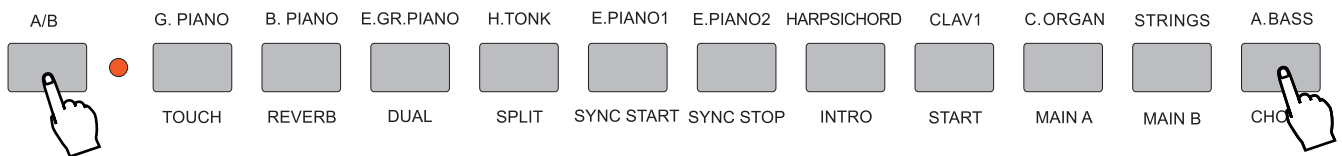
−   +

TEMPO

```
0 9 4
```

USING AUTO ACCOMPANIMENT
W8830A
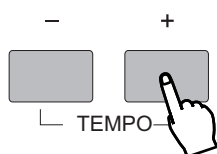
CHORD

✱ This instrument comes with 100 built-in styles, providing a complete band or style accompaniment. The auto-played bass and chord could match your performance and personal style perfectly.（When using auto accompaniment, the maximum number of notes played at the same time will be reduced accordingly.)When auto accompaniment is on, this function could add bass and chord accompaniment to your performance with fingered chords. Play keys in auto accompaniment area with single or fingered methods, the chords will vary accordingly. Single finger chord is to play the chord with one, two or several fingers, while fingered chord is to play all the chord notes. No matter which method you apply, this unit could recognize the chord and play it.
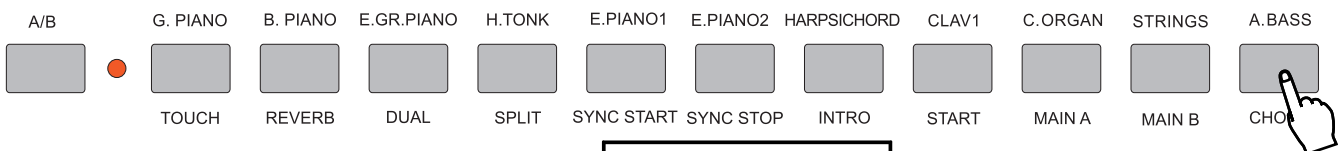
■ Single Finger Mode
● Press A/B shift button till the light is on.Press［Chord］button, LED shows ［F02］, meaning single finger mode.

| A/B | | G. PIANO | B. PIANO | E.GR.PIANO | H.TONK | E.PIANO1 | E.PIANO2 | HARPSICHORD | CLAV1 | C.ORGAN | STRINGS | A.BASS |
| TOUCH | REVERB | DUAL | SPLIT | SYNC START | SYNC STOP | INTRO | START | MAIN A | MAIN B | CHO |

F.0.2.

■ Fingered Mode
● Press [Chord] button again, LED shows [F03], meaning fingered mode.

F.0.3.

■ Close The Chord
● Press [Chord] button under chord mode, LED shows [F01], meaning the chord mode is closed.

F.0.1.
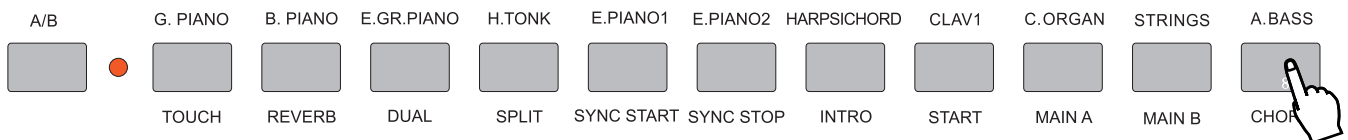
★ More information please refer to P.24-29.

SONG RECORDING

✳ Song recording is to record your performance (5 melody parts) and accompaniment(chord part), and save as a song, and replay the song whenever you want. This unit can save up to 5 songs.

■ The data that can be recorded to normal(melody) tracks:

▲ Note ON/OFF   ▲ Metronome ON/OFF and Tempo
▲ Touch ON/OFF   ▲ Sustain ON/OFF
▲ Dual Voice number&ON/OFF(Vol)   ▲ Pitch bend
▲ Voice number   ▲ Keyboard volume
▲ Reverb ON/OFF   ▲ Tempo(Accompaniment track and melody track)

The data that can be recorded into Chord track:

▲ Style Number   ▲ Accompaniment Vol
▲ Chord changes and timing   ▲ Tempo, time signature
▲ Section changes(Intro, Main A/B, Fill-in, Ending, etc.)

Those settings can only be recorded only once when the music begins, while others can be changed during playing.

■ Recording

● Press numeric button1.2, and then press [+/YES],[-/NO] button to select the desired song number, ˙˙ and then press the numeric button 3,4 and 6 or 7,8,9,0 at the same time to start recording.
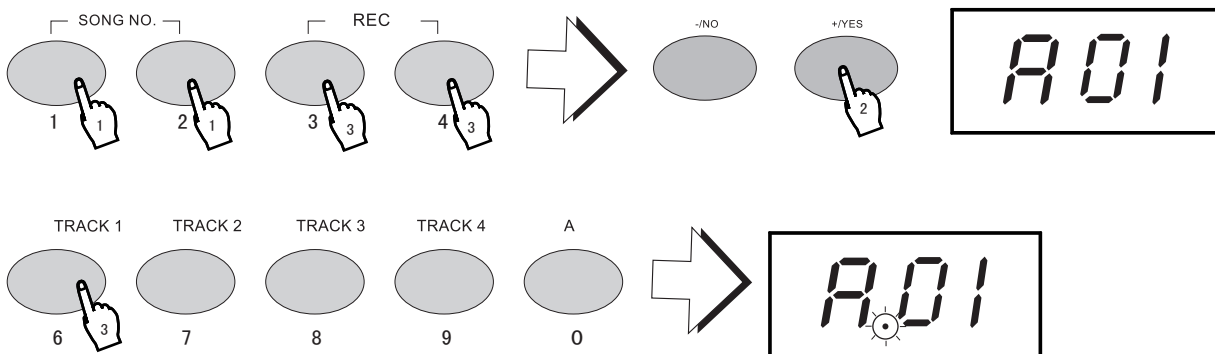
■ Recording to the Chord Track

● Press [USER SONG] button and then press [+/YES],[-/NO] button to select the desired song number (from 1 to 5), and then screen displays "A01", and then press [record] button and [track 1/2/3/4] at the same time, the metronome indicator flashes, meaning it's in the recording mode, only play the keyboard can start the recording.
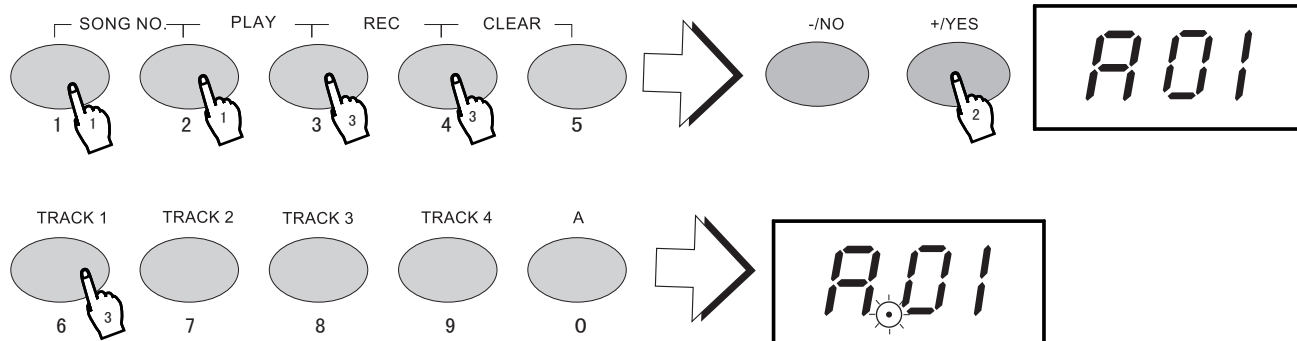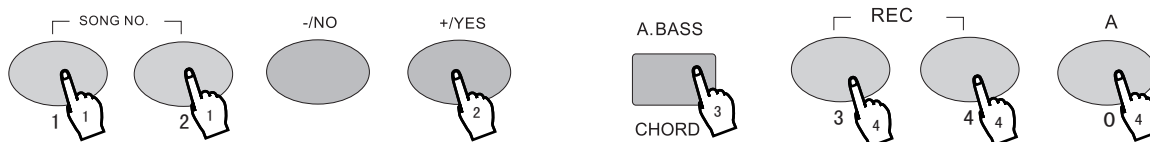
SONG RECORDING

Notice

If you record the user song that is already recorded with accompaniment tracks, the new recorded accompaniment will erase and replace the original accompaniment chord. The recording will go on with each beat as unit, if you stop during the recording the rest part will be recorded as the caesarea symbol. The recording will automatically stop if the recorded notes exceeds 2000. The dual voice number will not display in the melody track. If the previous accompaniment track or melody track is on, it can be monitored during the recording. If that track is not needed, you can press its button again mode under recording mode to close it. You can't record in keyboard percussion mode, the instrument will select normal performance

■ Recording to a Melody Track

A special track is prepared for recording accompaniment data. This is automatically recorded to the accompaniment track. Selecting the chord track will also automatically turns on the accompaniment.

● Press the Numeric button 1.2, and then press [+/YES], [−/NO] buttons to select the desired song number, under accompaniment mode, press the chord to single finger or fingered mode and select the song rhythm which will be used as the beginning, and then press [RECORD] button and [TRACK] button at the same time, play a chord in the accompaniment area can start the song recording and chord track rapidly.

Notice：

· User's song No.1−5 can record up to 5 different accompaniment track（accompaniment chord）. And the 5 tracks(1-5) of one user song can only use one accompaniment track. If you record on the user song that is already recorded with accompaniment tracks, the new recorded accompaniment will erase and replace
· the original accompaniment chord.

■ Stop Recording

Press the [3/4] button to stop recording after finishing playing the song to be recorded.

■ Playing the Recorded Song

You just need to press [2/3] again to play the recorded song from the beginning, and press once again to stop playing.

Notice

If no power is provided, the recorded data can only be reserved for one week or more. Important data should be stored in other equipment through the function of batch output. If only one single track is to be played, press other tracks (accompaniment track, 1-5tracks) for 2 seconds, the closed track will not make sound.

During playing you can reset the voice setting of any track and the setting will effect right away.
The changes of other voices in the recorded data will change accordingly in the relative time.

SONG RECORDING

■ Clear User Songs

Song clearance can delete all the recorded data of the selected song number. Do not use this function unless you are sure to delete one song and record another new one. If you want to delete one track and keep the other tracks intact, please use single chord clearance.

● Press [Song No.] Button and choose the song number to be cleared with [+/YES] and [-/NO] buttons.
  Hold the〔Clear〕button and the Track number（from 1 to 5）at the same time, the LED shows〔Cu1〕.
  Press〔+/YES〕or〔-/NO〕button to confirm deletion.
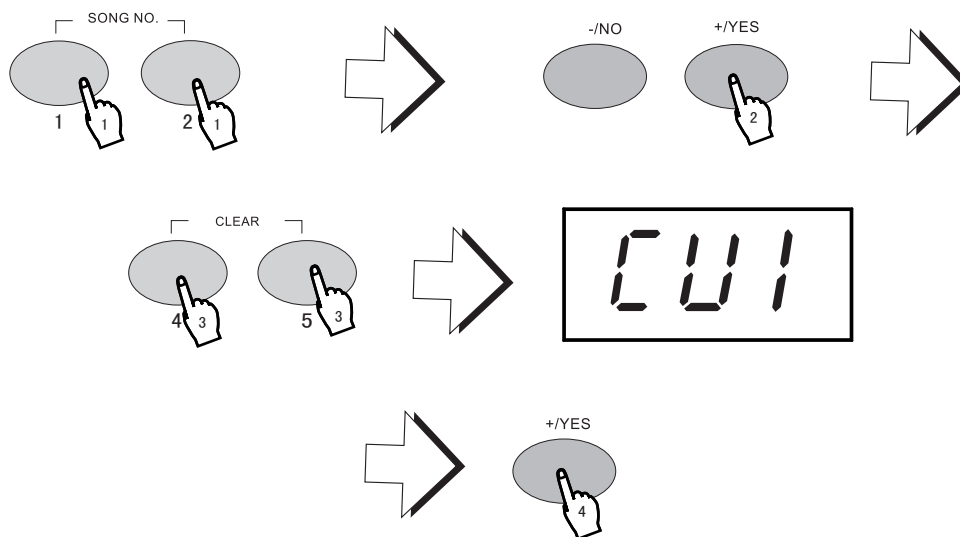
FUNCTION BUTTONS

● Press the [FUNCTION] BUTTON, and then use [+/YES] or [-/N] button to select the function type and the parameters.

```
L01
```
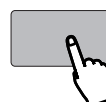
FUNCTION

Function	Display	Range
VOICE	001	001~163
STYLE	L01	L00~L99
DEMO	E00	E01~E22
Minusoff	J00	J00~J02
Harmoff	H00	H00~H10, 00 OFF
Chorsoff	U00	U00~U08, 00 OFF
Transp	P00	-12~P00~P12
Tuning	D00	-100~d00~d99
D_Volume	070	00~127

SUSTAIN PEDAL

FOOT SWITCH

* Sustain Pedal（3）

Using the Sustain Pedal can add sustain effect to the melody.

* Sostenuto Pedal(2)

The Sostenuto pedal is used to sustain one note or one
chord and meanwhile having no effect on other notes.

* Soft Pedal(1)

You can diminish the melody pitch by using soft pedal.

① ② ③
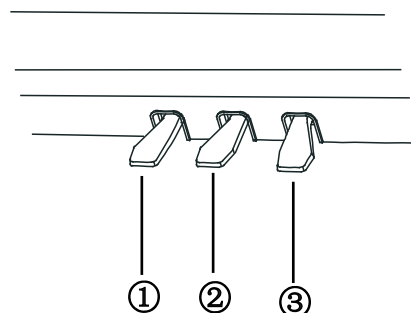
Notice:

• Different voice has different sustain effect, and the sustain pedal can not make the sustain effect to
the accompaniment and percussion.

Do not press the sustain pedal when you turn the power on, otherwise the sustain switch will be reversed.

TEN PERCUSSION

NO	DISPLAY	NO	DISPLAY
01	标准鼓组（Std.kit）	02	中国打击乐器组（Chn.kit）
03	房间鼓组）（Roomkit）	04	摇滚鼓组（Pwr.kit）
05	电子鼓组（Elctkit）	06	T808鼓组（T808kit）
07	爵士鼓组（Jazzkit）	08	刷子鼓组（Brshkit）
09	古典鼓组（Orchkit）	10	效果鼓组（Sfxsnd）

TEN HARMONY FUNCTION TYPE

TYPE	EXPLANATION	
01:Duet	Double-voice Harmony, 2nd voice lower than the melody	
02:Octave	Add a bass octave to the melody	
03:Tremolo 1/4	Produce the tremolo 1 / 4	
04:Tremolo 1/6	Produce the tremolo 1 / 6	
05:Tremolo 1/8	Produce the tremolo 1 / 8	
06:TREMOLO 1/12	Produce the tremolo 1 / 12	
07:Echo 1/4	Produce the Echo 1 / 4	♩
08:Echo 1/6	Produce the Echo 1 / 6	♪.
09:Echo 1/8	Produce the Echo 1 / 8	♪
10:Echo 1/12	Produce the Echo 1 / 12	♫.

TEN CHORUS TYPE

01： CHORUS1	02： CHORUS2
03： CHORUS3	04： CHORUS4
05： FEEDBACKCHORUS	06： FLANGER
07： SHORTDELAY	08： SHORTDELAYWITHFEED-BACK

TEN REVERBERATION TYPE

01:ROOM1（室内1）	02:ROOM2（室内2）
03:ROOM3（室内3）	04:HALL1（礼堂1）
05:HALL2（礼堂2）	06:PLATE（草原）
07:DELAY（延迟）	08:PANNINGDELAY（大延迟）

CHORD

Using Auto Accompaniment—Multi Fingering

When it is set to on, the auto accompaniment function automatically generates bass and chord accompaniment for you to play along with, by using Multi Fingering operation. You can change the chords of the accompaniment by playing keys in the auto accompaniment section of the keyboard using either the "Single Finger" or "Fingered Mode" method. With Singer Finger you can simply play a one-, two-or three-finger chord indication（see Single Finger Chords below）. The Fingered technique is that of conventionally playing all the notes of the chord. Whichever method you use, the W8830A understands what chord you indicate and then automatically generates the accompaniment.

■ Single Finger Chords

Chords that can be produced in Single Finger operation are major, seventh and minor seventh. The illustration below shows how to produce the four chord types.（The key of C is used here as an example；other keys follow the same rules. For example, Bb-7 is played as Bb and A.

To play a major chord: press the root note of the chord.

To play a minor chord: press the root note together with the nearest black key to the left of it.

To play a seventh chord: press the root key together with the nearest white key to the left of it.

To play a minor seventh chord: press the root key together with the nearest white and black keys.（three keys together）

Fingered Chords

Using the key of C as an example, the chart below shows the types of chords that can be recognized in the Fingered mode.

Example for C chords

C $C^{(9)}$ C_6 $C_6{}^{(9)}$ CM_7 $CM_7{}^{(9)}$ $CM_7{}^{(\#11)}$ $C^{(\flat5)}$ $CM_7{}_\flat{}^5$

$Csus_4$ $Caug$ CM_7aug Cm $Cm^{(9)}$ Cm_6 Cm_7 $Cm_7{}^{(9)}$ $Cm_7{}^{(11)}$

CmM_7 $CmM_7{}^{(9)}$ $CM_7{}_\flat{}^5$ $CmM_7{}_\flat{}^5$ $Cdim$ $Cdim_7$ C_7 $C_7{}^{(\flat9)}$ $C_7{}^{(\flat13)}$

$C_7{}^{(9)}$ $C_7{}^{(\#11)}$ $C_7{}^{(13)}$ $C_7{}^{(\#9)}$ $C_7{}_\flat{}^5$ C_7aug C_7sus_4 C_{1+2+5}

*Notes enclosed in parenthesis are optional；The chords will be recognized without them.

Chord Name (abr.)	Common Voicing	Chord（C）	Display
Major[M]	1-3-5	C	C
Add ninlh[(9)]	1-2-3-5	C(9)	C(9)
Sixth[6]	1-(3)-5-6	C6	C6
Sixth add ninth[6(9)]	1-2-3-(5)-6	C6(9)	C6(9)
Major seventh[M7]	1-3(5)-7or1-(3)-5-7	CM7	CM7
Major seventh ninth[M7(9)]	1-2-3(5)-7	CM9(9)	CM9(9)
Major seventh sharp add eleventh[M7(#11)]	1-(2)-3-#4-5-7or 1-2-3-#4-(5)-7	CM7(#11)	CM7(#11)
Flatted fifth[(b5)]	1-3-b5	C(b5)	C(b5)
Major seventh flatted fifth[M7aug]	1-3-b5-7	CM7b5	CM7b5
Suspended fourth[sus4]	1-4-5	Csus4	Csus4
Augmented[aug]	1-3-#5	Caug	Caug
Major seventh augmented[M7aug]	l-(3)-#5-7	CM7aug	CM7aug
Minor[m]	1-b3-5	Cm	Cm
Minor add ninth[m(9)]	1-2-b3-5	Cm(9)	Cm(9)
Minor sixth[m(6)]	1-b3-5-6	Cm6	Cm6
Minor seventh[m(7)]	1-b3-(5)-b7	Cm7	Cm7
Minor seventh add ninth [m7(9)]	1-2-b3-(5)-b7	Cm7(9)	Cm7(9)
Minor seventh add eleventh[m7(11)]	1-(2)-b-3-4-5-(b7)	Cm7(11)	Cm7(11)
Minor major seventh[mM7]	1-b3-(5)-7	CmM7	CmM7
Minor major seventh ninth[mM7(9)]	1-2-b3-(5)-7	CmM7(9)	CmM7(9)
Minor seventh flatted fifth[m7b5]	1-b3-b5-b7	Cm7b5	Cm7b5
Minor major flatted fifth[mM7b5]	1-b3-b5-7	CmM7b5	CmM7b5
Diminshed [dim]	1-b3-b5	Cdim	Cdim
Diminshed seventh[dim7]	1-b3-b5-6	Cdim7	Cdim7
seventh [7]	1-3-(1)-b7 m 1-(3)-5-b7	C7	C7
seventh flatted ninth[7(b9)]	1-b2-3-(5)-b7	C7(b9)	C7(b9)
Seventh add flatted thirteenth[7(b13)]	1-3-5-b6-b7	C7(b13)	C7(b13)
Seventh ninth[7(9)]	1-2-3-(5)-b7	C7(9)	C7(9)
Seventh add sharp eleventh[7(#11)]	1-(2)-3#4-5-b7or 1-2-3-#4-(5)-b7	C7#(11)	C7#(11)
Seventh add thirtesnth[7(13)]	I-3-(5)-6-b7	C7(13)	C7(13)
Seventh sharp ninth[7(#9)]	I-#2-3-(5)-b7	C7(#9)	C7(#9)
Seventh flatted fifth[7b5]	I-3-b5-b7	C7b5	C7b5
Seventh augmented[7aug]	I-3-#5-b7	C7aug	C7aug
Seventh suspended[7sus4]	1-4-(5)-b7	C7sus4	C7sus4
One plus two plus five[1+2+5]	1-2-5	C1+2+5	C

Notice:
· Notes in parentheses can be omitted.
· Playing two same root keys in the adjacent octaves produces accompaniment based only on the root.
· A perfect fifth(1+5) produces accompaniment based only on the root and fifth which can be used with both major and minor chords.
· The chord fingerings listed are all in "root" position, but other inversions can be used with the following exceptions：m7, m7 5, 6, m6, sus4, aug, dim7, 7 5, 6（9）, 1+2+5
· Inversion of the 7sus4 and m7(11) chords are not recognized if the notes shown in parentheses are omitted.
· The auto accompaniment will sometimes not change when related chords are played in sequence（e. g. some minor chords followed by the minor seventh）.
· Two-note fingerings will produce a chord based on the previously played chord.

USING AUTO ACCOMPANIMENT

W8830A

SYNC START

✳ W8830A has Sync Start function that allows you to start the accompaniment and rhythm by simply pressing a key on the keyboard. To enable this function, first press the [SYNC START] button, (the beat marks all flash to indicate Sync Start stand-by), then press any key / chord on the keyboard. (When auto accompaniment is on, play a key or chord in the auto accompaniment section of the keyboard.)

DIGITAL PIANO 1
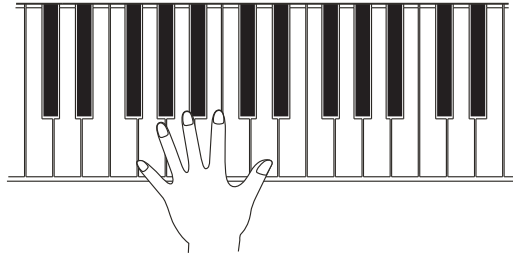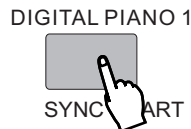
SYNC START

SYNC STOP

✳ This convenient feature lets you stop / pause the auto accompaniment by releasing your fingers from the auto accompaniment section of the keyboard. Playing the chord again restarts the auto accompaniment. This is ideal for putting dynamic breaks in your performance for example, stopping the rhythm and accompaniment briefly while you play a melodic break or solo with your right hand. This function can only be used when the Single Finger Chords and the fingered Chords are opened.

SYNC STOP

Snstopon
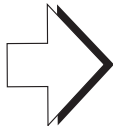
Notice :

· No visible mark will be shown on the LED when the [SYNC STOP] function is on.
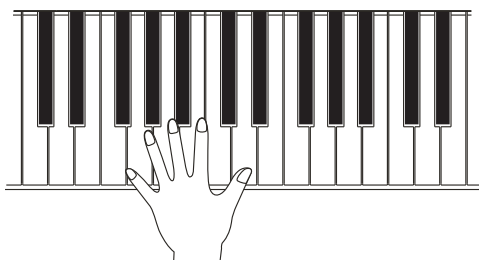
START/STOP

● Press the [START/STOP] button, the rhythm starts playing immediately without bass

and chord accompaniment. The currently selected Main A/B section will play.

USING AUTO ACCOMPANIMENT

ACCOMPANIMENT SECTIONS (MAIN A/B AND FILL-INS)

* While the accompaniment is playing, you can add variation in the rhythm / accompaniment by pressing the [MAIN / AUTO FULL] button. This switches between the Main A and Main B sections, automatically playing a fill-in pattern to smoothly lead into the next section. For example, if the Main A section is currently playing, pressing this button automatically plays a fill-in pattern, followed by the Main B section. (See illustration on this page) If you do not want to change to the Main B after a fill-in is being played, just press [MAIN A] right after pressing [MAIN B], then you can enjoy Main A again.

You can also select either the Main A or B section to start by pressing the [MAIN / AUTO FILL] button before starting the style.

About the Fill-in Patterns

If you press the [MAIN/ AUTO FILL] button before beat 4...

..A fill-in pattern plays immediately until the end of the measure..

And the Main A / B section plays here.

1st measure   2st measure   3st measure

1   2   3   4   1   2   3   4   1   2   3

If you press the [MAIN / AUTO FILL] button here, after beat 4...

A fill-in pattern plays from here...

And the Main A / B section begins here...
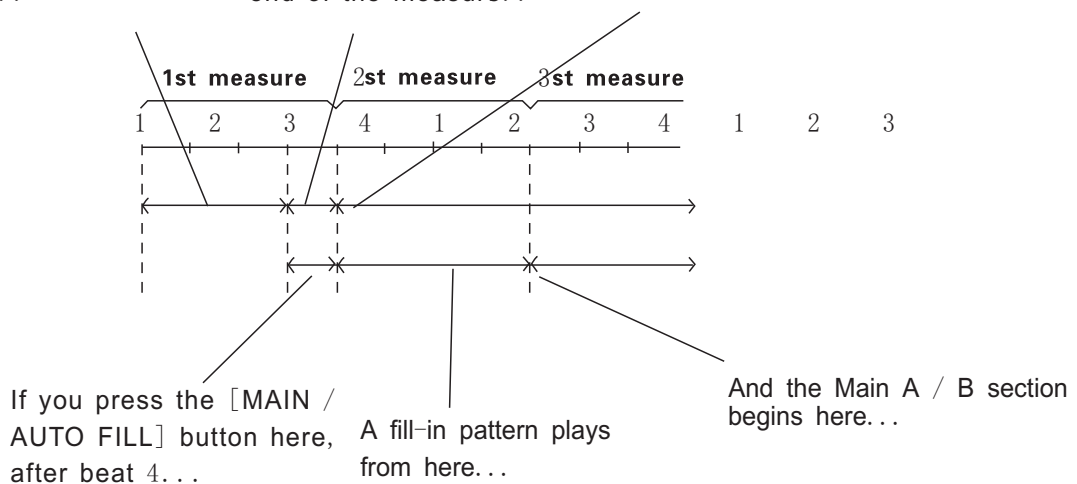
MIDI FUNCTIONS

✳ W8830A is MIDI-compatible, featuring MIDI IN and MIDI OUT terminals and providing a
variety of MIDI-related controls. By using MIDI functions, you can expand your musical
possibilities. In this chapter, it mainly talks about what MIDI is, what it can do, and as well as
how you apply MIDI to W8830A.

✳ WHAT IS MIDI?

No doubt you have heard the terms----acoustic instruments and digital instruments. In the
world today, these are the two main categories of musical instruments. Let's consider an
acoustic piano and a classical guitar as representative acoustic instruments. They are easy to
understand. With the piano, you strike a key, and a hammer inside hits some strings and
plays a note. With guitars, you directly pluck a string and the note sounds. But how do digital
instruments go about playing a note?

Acoustic guitar note production

Digital instrument note production

Tone   Generator
(Electronic circuit)

Sampling note   Sampling note

Playing the keyboard

L   R

Pluck a string and the body
resonates the sound.
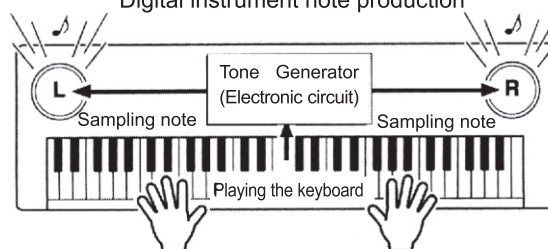
Based on playing information from the keyboard,
a sampling note stored in the tone generator is
played through the speakers.

As shown in the pictures above, in digital instruments, the sample notes (reserved notes)
stored in the tone generator section (electronic circuit) can be played when the information on
the keyboard is collected. Then what is the information on the keyboard?
For instance, if you use W8830A to play a C quarter note, unlike an acoustic instrument that
puts out a resonated note, it puts out information from the keyboard such as "with"what voice"
voice ", " with which key ", " about how strong ", and " when was it pressed "   and
" when was it released" . All the information will be converted to a number value and sent to
the tone generator. Based on these data, the music source will adopt stored sample note and
play it.

MIDI FUNCTION

✳ MIDI is the abbreviation of musical instruments digital interface. It allows the digital instruments to communicate with each other, by sending and receiving compatible notes, control change and program change, and as well as other types of MIDI data and information. MIDI is an international standard. It enables all the instruments to connect together, and allows them to control each other and exchange data. That is, it makes all the instruments a system, and greatly enlarges its function.

W8830A can control MIDI device by transmitting note-related data and various types of controller data, and also can be controlled by outside MIDI information, which can automatically decide the music source mode, and choose MIDI track, voice and effect, and change the parameter and as well as perform the appointed voice.

■ MIDI Interface

MIDI IN is to receive outside data from other MIDI devices like sequencer in order to control this instrument; MIDI OUT is to send MIDI data (like the note and touch data) from this instrument.

MIDI IN   MIDI OUT

■ REMOTE PASSAGE

To set the MIDI passage to receive outside keyboard data, please select 01-16. The outside keyboard must set the source passage from which the data is sent and its MIDI OUT connects this keyboard's MIDI IN by the MIDI cable. When set is OFF，this keyboard will receive from all the16 tracks. Pressing [-/NO] and [+/YES] buttons at the same time can return to the original setting （OFF）

■ KEYBOARD OUTPUT

To determine whether the data output from the MIDI OUT.

🗨 Notice

Never use MIDI cables longer than about 15 metres. Cables longer than this can pick up noise which can cause data errors.

MIDI FUNCTIONS

CONNECTING TO A PERSONAL COMPUTER

By connecting your W8830A's MIDI terminals to a personal computer, you can have access to a wide variety of music software.

• When using a MIDI interface device installed in the personal computer, connect the MIDI terminals of the personal computer and the W8830A.

MIDI OUT   MIDI IN

8830A

MIDI IN

MIDI OUT

Computer
（Sequencer software）
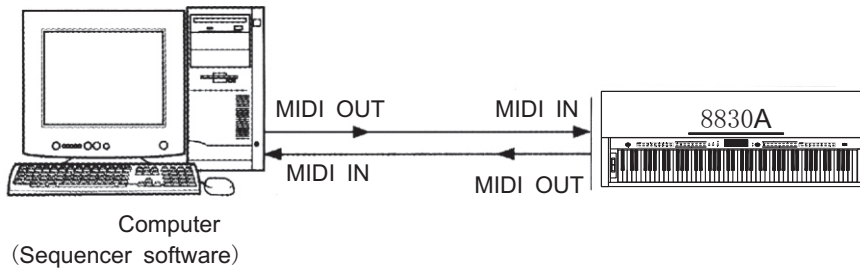
• When using a MIDI interface with a Macintosh series computer, please connect the RS-422 terminal of the computer（Modem port or printer terminal） to the MIDI interface, as shown in the diagram below.

Notice:
While using Macintosh computers you have to set the time of MIDI interface in the Internet applications the same as the setting of the MIDI interface you are using. Details please refer to the Internet applications instructions

MIDI Interface

RS-422   MIDI IN

8830A

MIDI OUT

Computer
（Sequencer software）
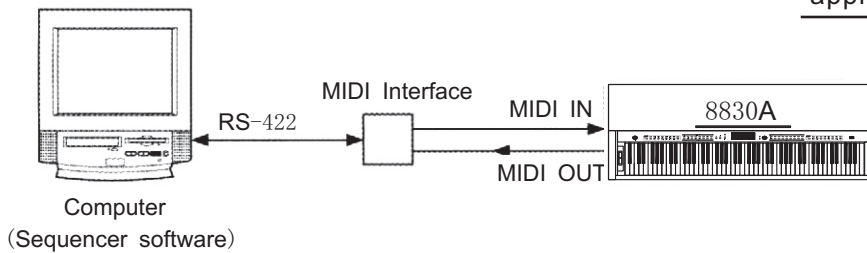
• When connecting to a computer with a USB interface, just use MIDI interface: first use a standard USB cable to connect Ux16 interface to the computer, and then connect W8830A to UX16 interface correctly.

Ux16 Interface   MIDI IN

W8830A

USB

MIDI OUT

Computer
（Sequencer software）
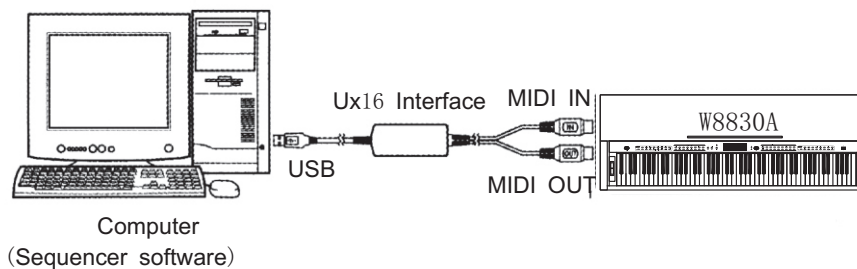
■ VOICE LIST

The W8830A has 64-note maximum polyphony. This means that it can play a maximum of up to 64 notes at once, regardless of what functions are used. Auto Accompaniment uses a number of the available notes, so when Auto Accompaniment is used the total number of available notes for playing on the keyboard is correspondingly reduced. The same applies to the Split Voice and Song functions.

Caution: The Voice List includes MIDI program change numbers for each voice. Use these program change numbers when playing the W8830A via MIDI from an external device.

Voice No	MIDI No	Name of Voice	中文名称
		PIANO钢琴	
01	0	ACOUSTIC GRAND PIANO	原声大钢琴
02	1	BRIGHT ACOUSTIC PIANO	亮原声钢琴
03	2	ELECTRIC GRAND PIANO	电子大钢琴
04	3	HONKY-TONK PIANO	酒巴钢琴
05	4	ELECTRIC PIANO1	电钢琴1
06	5	ELECTRIC PIANO2	电钢琴2
07	6	HARPSICHORD	拨弦古钢琴
08	7	CLAV1	击弦古钢琴
		CHROMATIC PERCUSSION打击乐器	
09	8	CELESTA	钢片琴
10	9	GLOCKENSPIEL	钟琴
11	10	MUSIC BOX	音乐盒
12	11	VIBRAPHONE	振琴
13	12	MARINBA	马林巴
14	13	XYLOPHONE	木琴
15	14	TUBULAR BELLS	管钟
16	15	DULCIMER	洋琴
		ORGAN风琴	
17	16	DRAWBAR ORGAN	卓芭风琴
18	17	PERCUSSIVE ORGAN	打击风琴
19	18	ROCK ORGAN	摇滚风琴
20	19	CHURCH ORGAN	教堂风琴
21	20	FEED ORGAN	簧片风琴
22	21	ACCORDION	手风琴
23	22	HARMONICA	口琴
24	23	TANGO ACCORDION	探戈手风琴
		GUITAR吉它	
25	24	ACOUSTIC GUITAR（NYLIN）	尼龙弦吉它
26	25	ACOUSTIC GUITAR（STEEL）	钢弦吉它
27	26	ELECTRNIC GUITAR（JAZZ）	爵士电吉它
28	27	ELECTRNIC GUITAR（CLEAN）	清音电吉它
29	28	ELECTRNIC GUITAR（MUTED）	弱音电吉它
30	29	OVERDRIVEN GUITAR	夸张吉它
31	30	DISTOTION GUITAR	失真吉它
32	31	GUITAR HARMONICS	吉它泛音
		BASS 贝司	
33	32	ACOUSTIC BASS	古典贝司
34	33	ELECTRIC BASS（FINGER）	指弹电贝司
35	34	ELECTRIC BASS（PICK）	拨片电贝司
36	35	FRETLESS BASS	无品贝司
37	36	SLAP BASS1	打弦贝司1
38	37	SLAP BASS2	打弦贝司2
39	38	SYNTH BASS1	合成贝司1
40	39	SYNTH BASS2	合成贝司2

Voice No	MIDI NO	Name of Voice	中文名称
		STRINGS弦乐	
41	40	VOLIN	小提琴
42	41	VLOLA	中提琴
43	42	CELLO	大提琴
44	43	CONTRABASS	低音提琴
45	44	TREMOLO ATRINGS	震音弦乐
46	45	PIZZICATO STRINGS	拨奏弦乐
47	46	ORCHESTRAL HARP	竖琴
48	47	TIMPANI	定音鼓
		RNSEMBLE合奏	
49	48	STRINGS ENSEMBLE1	弦乐合奏1
50	49	STRINGS ENSEMBLE12	弦乐合奏2
51	50	SYNTH STRINGS1	合成弦乐1
52	51	SYNTH STRINGS2	合成弦乐2
53	52	CHOIR AAHS	唱音 啊
54	53	VOICE OOHS	人声 噢
55	54	SYNTH VOICE	合成人声
56	55	ORCHESTRA HIT	管弦乐齐奏
		BRASS铜管	
57	56	TRUMPET	小号
58	57	TROMBONE	长号
59	58	TUBA	大号
60	59	MUTED TRUMPET	弱音小号
61	60	FRENCH HORN	圆号
62	61	BRASS SECTION	铜管乐队
63	62	SYNTH BRASS1	合成铜管乐1
64	63	SYNTH BRASS2	合成铜管乐2
		REED簧管乐器	
65	64	SOPRANO SAX	高音萨克斯
66	65	ALTO SAX	中音萨克斯
67	66	TENOR SAX	次音萨克斯
68	67	BARTION SAX	低音萨克斯
69	68	OBOE	双簧管
70	69	ENGLISH HORN	英国管
71	70	BASSOON	巴松管
72	71	CLARINET	单簧管
		PIPE木管乐器	
73	72	PICCOLO	短笛
74	73	FLUTE	长笛
75	74	RECORDER	竖笛
76	75	PAN FLUTE	排箫
77	76	BLOWN BOTTLE	吹瓶
78	77	SHAKUHACHI	尺八
79	78	WHISTLE	口哨
80	79	OCARINA	奥卡利那笛

■ VOICE LIST

Voice No	MIDI No	Name of Voice	中文名称
SYNTH REED合成管乐器			
81	80	LEAD1 (WOUARE)	方波管乐
82	81	LEAD2 (SAWTIITH)	锯齿波管乐
83	82	LEAD3 (CALLIOPE)	蒸汽琴管乐
84	83	LEAD4 (CHIFF)	雪坊管乐
85	84	LEAD5 (CHARANG)	沙朗管乐
86	85	LEAD6 (VOICE)	人声管乐
87	86	LEAD7 (FIFTH)	五度管乐
88	87	LEAD8 (BASS+LEAD)	贝司管乐
SYNTH PAD合成背景音色			
89	88	PAD1 (NEW AGE)	新世纪垫
90	89	PAD2 (WARM)	温暖音色垫
91	90	PAD3 (POLYSYNTH)	聚合成音色垫
92	91	PAD4 (CHOIR)	唱诗垫
93	92	PAD5 (BOWED)	弓弦音色垫
94	93	PAD6 (METALLIC)	金属音色垫
95	94	PAD7 (HALO)	环形音色垫
96	95	PAD8 (SWEEP)	掠扫音色垫
SYNTH EFFECTS合成效果音色			
97	96	FX1 (RAIN)	雨
98	97	FX2 (SOUNDTRACK)	声轨
99	98	FX3 (CRYSTAL)	水晶
100	99	FX4 (ATMOSPHERE)	大气
101	100	FX5 (BRIGHTNESS)	闪亮
102	101	FX6 (GOBLINS)	小妖怪
103	102	FX7 (ECHOES)	回声
104	103	FX8 (SCO-FI)	科幻
ETHNIC民族乐器			
105	104	SITAR	西塔尔
106	105	BANJO	班卓琴
107	106	SHAMISEN	三弦
108	107	GUZHENG	古筝
109	108	KALIMBA	卡林巴
110	109	BAGPIPE	风笛
111	110	ERHU	二胡
112	111	SUONAI	唢呐
PERCUSSION打击乐器			
113	112	TINKLE BELL	响铃
114	113	AGOGO	啊果果
115	114	STEEL DRUMS	钢鼓
116	115	WOOOBLOCK	盒梆
117	116	TAIKO DRUM	日本鼓
118	117	MELODIC TOM	旋律鼓
119	118	SYNTH DRUM	合成鼓
120	119	REVERSE CYMBAL	反钹

Voice No	MIDI No	Name of Voice	中文名称
SOUND EFFECT效果音色			
121	120	FRET NOSE	弦马杂音
122	121	BREATH NOISE	呼吸音
123	122	SEASHORE	海滨
124	123	BIRD TWEET	小鸟叫声
125	124	TELEPHONE RING	电话铃
126	125	HELICOPTER	直升飞机
127	126	APPLAUSE	喝彩
128	127	GUNSHOT	枪声
FOLK民乐音色			
129	128	YUNLUO	云锣
130	129	GUANMEILANG	甘美郎
131	130	BIANMANG	编铓
132	131	YANGQIN	扬琴
133	132	LUSHENG	芦笙
134	133	PIBA	琵琶
135	134	LUOQIN	柳琴
136	135	YUQIN	月琴
137	136	DARUAN	大阮
138	137	ZHONGRUAN	中阮
139	138	GUOHU	高胡
140	139	ERHU	二胡
141	140	ZHONGHU	中胡
142	141	ERHUQUN1	二胡群1
143	142	ERHUQUN2	二胡群2
144	143	ZHONGHUQUN	中胡群
145	144	BANGDI	梆笛
146	145	KUNDI	昆笛
147	146	XIAO	箫
148	147	BANHU	板胡
149	148	XIPI	西皮
150	149	ZHUIHU	坠胡
151	150	SANXIAN	三弦
152	151	GUZHENG	古筝
153	152	GUOYINSUONA	高音唢呐
PERCUSSION打击乐			
154	153	STANDARD DRUMS	标准鼓组
155	154	CHINESE PERCUSSION	中国打击乐组
156	155	ROOM DRUMS	房间鼓组
157	156	ROCK DRUMS	摇滚鼓组
158	157	ELECTRIC DRUMS	电子鼓组
159	158	T 808 DRUMS	T808 鼓组
160	159	JAZZ DRUMS	爵士鼓组
161	160	BRUSH KIT	刷子鼓组
162	161	CLASSIC DRUMS	古典鼓组
163	162	SFX KIT	效果鼓组

■ RHYTHM LIST

No	Name	中文名
	8/16BEAT	8/16拍
00	8BEAT-1	8拍1
01	8BEAT-2	8拍2
02	8BEAT-3	8拍3
03	16BEAT-1	16拍1
04	16BEAT-2	16拍2
05	16BEAT-3	16拍3
	POP	流行乐
06	POOPROCK	流行摇滚
07	FOLKROCK	民歌风摇滚
08	POPBOLERO	流行波莱罗
09	POPWALTZ	流行华尔兹
10	SOULBALLAD	流行民谣
11	MOOTOWN	底特律节奏
	DANCE	舞曲
12	HOUSE	家庭舞曲
13	TECHNO-1	现代舞曲1
14	TECHNO-2	现代舞曲2
15	RAVE	拉布
16	DANCE-1	舞曲1
17	DANCE-2	舞曲2
18	DISCO-70S	70年代迪斯科
19	DISCO	迪斯科
20	MACARENA	马卡伦那
	R&B	蓝调摇滚
21	GOSPEL-1	黑人福音音乐1
22	GOSPEL-2	黑人福音音乐2
23	R&B-1	蓝调摇滚1
24	R&B-2	蓝调摇滚2
25	BLUES-1	布鲁斯1
26	BLUES-2	布鲁斯2
27	FUNK	早期爵士乐
	ROCK	摇滚乐
28	ROCK-60S	60年代摇滚
29	ROCK-70S	70年代摇滚
30	ROCK-80S	80年代摇滚
31	BALLROCK	舞会摇滚
32	SLOWROCK	慢摇滚
33	SLOWROCK6/8	慢摇滚6/8
	ROCK&ROLL	快速摇滚乐
34	ROCK&ROLL-1	快速摇滚1
35	ROCK&ROLL-2	快速摇滚2
36	SHUFFLE	滑曳摇滚
37	TWIST	扭扭舞
38	BOOGIE-1	布吉乐1
39	BOOGIE-2	布吉乐2
	SWING/JA	摇摆舞/爵士
40	SWING	摇摆舞
41	LOUNGE	悠闲爵士
42	DIXIE-1	新奥尔良爵士1
43	DIXIE-2	新奥尔良爵士2
44	JAZZBALLAD-1	舞会爵士乐1
45	JAZZBALLAD-2	舞会爵士乐2
46	JAZZWALTZ	爵士华尔兹
47	CHARLSTON	查尔斯顿舞
48	RAGTIME	早期爵士乐
	COUNTRY	乡村音乐

NO	Name	中文名
49	COUNTRY-1	乡村音乐1
50	COUNTRY-2	乡村音乐2
51	COUNTRYDANCE	乡村舞曲
52	COUNTRYROCK	乡村摇滚
53	COUNTRYWALTZ	乡村华尔兹
	CARIBBEAN	加勒比音乐
54	REGGAE-1	雷格1
55	REGGAE-2	雷格2
56	CARIBBEAN	加勒比节奏
	LATIN-1	拉丁1
57	BOSSA-1	波萨诺瓦1
58	BOSSA-2	波萨诺瓦2
59	SAMBA-1	桑巴1
60	SAMBA-2	桑巴2
61	RUMBA	伦巴
62	BEGUINE	贝津舞
63	CHACHA-1	恰恰1
64	CHACHA-2	恰恰2
	LATIN-2	拉丁2
65	SALSA	萨尔萨舞曲
66	CUMBIA	巴西舞曲
67	MERENQUE	美伦格舞
68	MAMBO	曼波舞曲
69	LATIN	拉丁舞曲
70	GIPSY	吉普赛舞
71	D. SAMBA	迪斯科桑巴
	ORIENTAL	东方舞曲
72	CINGENE	阿拉伯舞曲
73	MUS5/8	土耳其舞曲
74	ORIENTAL	东方舞曲
75	OYUNHAVA	小亚细亚舞曲
	WORLD MUSIC	世界音乐
76	SEVILLIANA	赛尔维利亚舞曲
77	HOLLYWOOD	好莱坞
78	SP. RUMBA	西班牙伦巴
79	SP. BOLERO	西班牙波莱多
80	SIRTAKI	希腊舞曲
81	BAROQUE	巴罗克
82	HAWAII	夏威夷舞曲
	BALLROOM	交谊舞曲
83	FOXTROT	狐步舞曲
84	QUICKSTEP	快步舞
85	SLOWFOX	慢狐步舞
86	TRAD. WALTZ	传统华尔兹
87	JIVE	轻快爵士
88	PASODOBLE	平舞土舞
89	TANGO	探戈
90	TANGOARG	阿根廷探戈
	WALTZ/MARCH	华尔兹进行曲
91	GERMWALTZ	德国华尔兹
92	VIENNAWALTZ	维也纳华尔兹
93	MUSETTE	风笛舞
94	SLOWWALTZ	慢速华尔兹
95	MARCH	进行曲
96	MARCH6/8	进行曲6/8
97	POLKA	波尔卡
98	D. POLKA	迪斯科波尔卡
99	SCHLAGER	德国进行曲

■ DRUM SET TABLE（MIDI CHANNEL 10）

	1 HQ STD SET1	2 CHINESE SET	3 HQ ROOM SET	4 HQ POWER SET	5 HQ ELEC. SET
39 – D#2	High Q				
40 - E2	Slap				
41 - F2	Scratch Push				
42 – F#2	Scratch Pull				
43 - G2	Sticks				
44 – G#2	Square Click				
45 - A2	Metronome Click				
46 – A#2	Metronome Bell				
47 - B2	HQ STD1 Kick2		HQ Room Kick2	HQ Power Kick2	HQ Elec Kick2
48 - C3	HQ STD1 Kick1		HQ Room Kick1	HQ Power Kick1	HQ Elec Kick1
49 – C#3	Side Stick				
50 - D3	HQ STD1 Snare1		HQ Room Snare1	Gated Snare	Elec SD
51 – D#3	Hand Clap				
52 - E3	Snare Drum 2		HQ Room Snare1	HQ Power Snare1	HQ Elec Snare1
53 - F3	HQ Low Floor Tom	大鼓 1	HQ Power Low Tom2	HQ Power Low Tom2	Elec Low Tom2
54 – F#3	Closed Hi Hat [EXC1]				
55 - G3	HQ High Floor Tom	大鼓 2	HQ Power Low Tom1	HQ Power Low Tom1	Elec Low Tom1
56 – G#3	Pedal Hi-Hat [EXC1]				
57 - A3	HQ Low Tom	中鼓 1	HQ Power Mid Tom2	HQ Power Mid Tom2	Elec Mid Tom2
58 – A#3	Open Hi-Hat [EXC1]				
59 - B3	HQ Low-Mid Tom	中鼓 2	HQ Power Mid Tom1	HQ Power Mid Tom1	Elec Mid Tom1
60 - C4	HQ Hi Mid Tom	小鼓 1	HQ Power Hi Tom2	HQ Power Hi Tom2	Elec Hi Tom2
61 – C#4	Crash Cymbal 1				
62 - D4	HQ High Tom	小鼓 2	HQ Power Hi Tom1	HQ Power Hi Tom1	Elec Hi Tom1
63 – D#4	Ride Cymbal 1				
64 - E4	Chinese Cymbal	小堂锣			Reverse Cymbal
65 - F4	Ride Bell	汤锣 1			
66 – F#4	Tambourine	闭小钹			
67 - G4	Splash Cymbal	汤锣 2			
68 - G#4	Cowbell	哑锣			
69 - A4	Crash Cymbal 2	低音堂锣			
70 - A#4	Vibraslap	大堂锣			
71 - B4	Ride Cymbal 2	开小钹			
72 - C5	Hi Bongo				
73 - C#5	Low Bongo				
74 - D5	Mute Hi Conga				
75 - D#5	Open Hi Conga				
76 - E5	Low Conga				
77 - F5	High Timbale	腰鼓 1			
78 - F#5	Low Timbale	腰鼓 2			
79 - G5	High Agogo	木鱼			
80 - G#5	Low Agogo	梆子			
81 - A5	Cabasa				
82 - A#5	Maracas				
83 - B5	Short Whistle[EXC2]				
84 - C6	Long Whistle[EXC2]				
85 - C#6	Short Guiro [EXC3]				
86 - D6	Long Guiro [EXC3]				
87 - D#6	Claves				
88 - E6	Hi Wood Block				
89 F6	Low Wood Block				
90 – F#6	Mute Cuica [EXC4]				
91 G6	Open Cuica [EXC4]				
92 – G#6	Mute Triangle[EXC5]				
93 A6	Open Triangle[EXC5]				
94 – A#6	Shaker				
95 B6	Jingle Bell				
96 C7	Belltree				

APPENDIX

■ TROUBLESHOOTING

Problems	Possible Causes and Solutions
When the W8830A is turned on or off, a popping sound is temporarily produced.	This is normal and indicates that this instrument is receiving electrical power.
When using a mobile phone, noise is produced.	Using a mobile phone in close proximity to the W8830A may produce interference. To prevent this, turn off the mobile phone or use it further away from the W8808A.
There is no sound even when the keyboard is played or when a song is being played back.	Check that nothing is connected to the PHONES/OUTPUT jack on the rear panel. When a set of headphones is plugged into this jack, no sound is output.
The sound of the voices or rhythms seems unusual or strange	The battery power is too low Replace the batteries.
The accompaniment does not sound properly.	Make sure that the Accompaniment Volume is set to an appropriate level.
The voice chosen does not sound properly, or the volume is too low.	Make sure the settings are appropriate: master volume, dual balance
Not all of the voices seem to sound, or the sound seems to be cut off.	The W8830A is polyphonic up to a maximum of 64 notes. If the Dual voice is being used and a style or song is playing back at the same time, some notes/sounds may be omitted (or "stolen") from the accompaniment or song.
The sound of a voice changes from note to note.	This is normal. The AWM tone generation method uses multiple recordings (samples) of an instrument across the range of the keyboard; thus, the actual sound of the voice may be slightly different from note to note.
The foot switch (for sustain) seems to produce the opposite effect. For example, pressing the foot switch cuts off the sound and releasing it sustains the sounds.	The polarity of the foot switch is reversed. Make sure that the foot switch plug is properly connected to the SUSTAIN jack before turning on the power.

WORLDE

W8830A OWNER'S MANUAL

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