CONTENT

SAFETY PRECAUTIONS···

■**Location:**

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

Do not use it close to television sets or radio or other equipment receiving electromagnetic signals.

■Avoid violent crash and scratches.

■Turn off the power whenever you finish using the keyboard. Take out the batteries if the keyboard is not used for a long time

■Cut off the power when following situations occur:

Power cable is damaged.

When liquid splashes on the keyboard.

When there is lightening.

When you cut off the power, you should unplug the power socket, but rather than the power cable.

■ Clean the exterior with a soft, dry cloth. Using Chemical solvents will damage the finish.
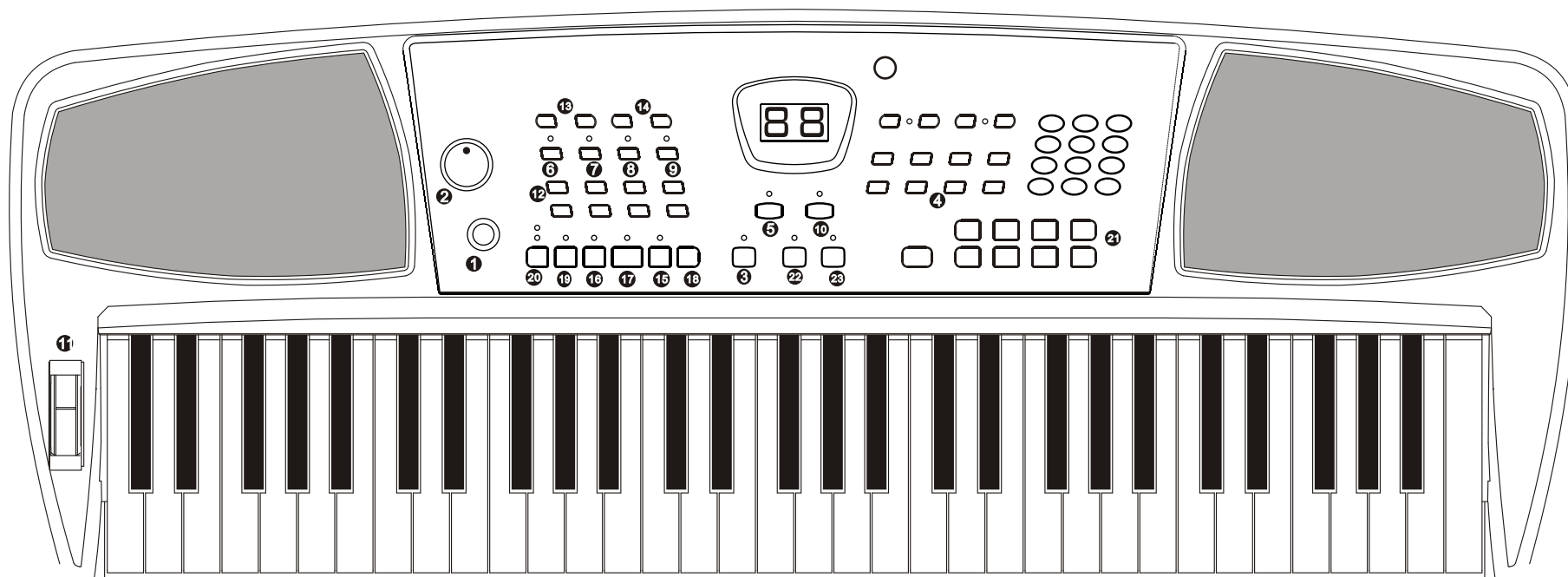
1.Power switch (STAND BY / ON)

2.[MASTER VOLUME] dial

This determines the overall volume of the W660.

3.[DEMO] button

This button is used to play/stop the demo songs (See P.7)

4.[VOICE CHOICE] button

This button is to choose voices, with 8 voices for your selection. (See P.7)

5.[TOUCH] button

This button is used to turn on/off the Touch function. (See P.8)

6.[REVERB] button

It is to turn on / off the reverberation. (See P.8)

7. [HARMONY] button

It is to turn on / off the harmony function. (See P.8) 8.[CHORUS] button

This turn on / off the chorus function. (See P.9)

9.[PITCHBEND] button

It is to stimulate the vibrato effect of natural musical instruments.(P.9)

10.[SUSTAIN] button

It is to turn on/off the Sustain function. (See P.9)

11.PITCH BEND WHEEL

It is to stimulate the vibrato effect of natural musical instruments. P.10)

12.[STYLE CHOICE] button

It is to choose styles in accompaniment mode.(See P.10)

13.[ACCOMPANIMENT VOLUME] button

It is to control the volume of accompaniment.(See P. 11)

14. [TEMPO] button

It is to control the tempo of accompaniment and styles. (See P.11)

15.[START/STOP]button

t is to start / stop the auto accompaniment in Style mode; and to start / stop song playback in Song mode. (See P. 11)

16.[MAIN A/B] button

It is to change the passage of accompaniment in accompaniment mode.. (See P.11)

17.[INTRO / ENDING] button

It is to control the Intro / Ending function in Style Mode. P.8)

3

18.[FILL-IN] button

It is to control the auto fill in function in accompaniment mode. (See P.12)

19.[SYNCHR START] button

It is to start / stop the auto accompaniment in Style mode; and to start / stop song playback in Song mode. (P.12)

20.[CHORD] button

It is to switch between the AUTO CHORD and FULL KEYBOARD functions.(See P.12)

21.[PERCUSSION MENU] button

It is to select the percussions. You can play the percussions on the keyboard by selecting voice No.96 to 99, or simply pressing this button. (See P.13)22.[RECORD] button

It is used to record songs. (See P. 14)

23.[PLAY/STOP] button

It is to play/stop the recorded user's song. (See P.14)

24.MIDI IN/OUT jack

These two jacks are to connect to other MIDI instruments and devices. (See P.6)

25.DC 12V INPUT jack

This is for connection to a PA-51 (accessory) power adaptor.

26.HEADPHONE jack

It is to connect to the headphone or audio output.
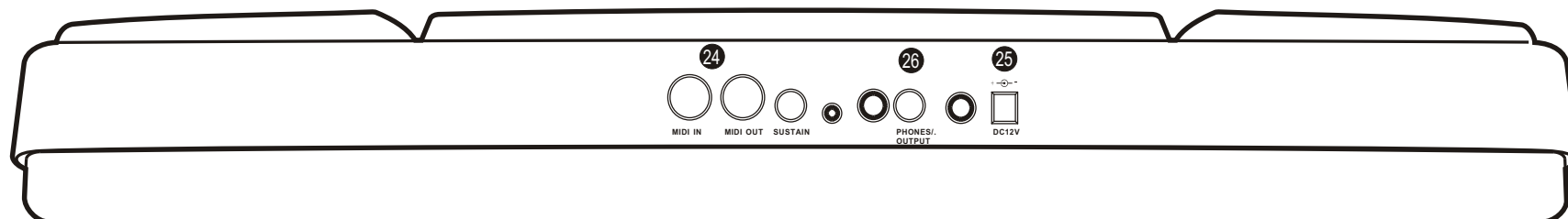
Music Stand
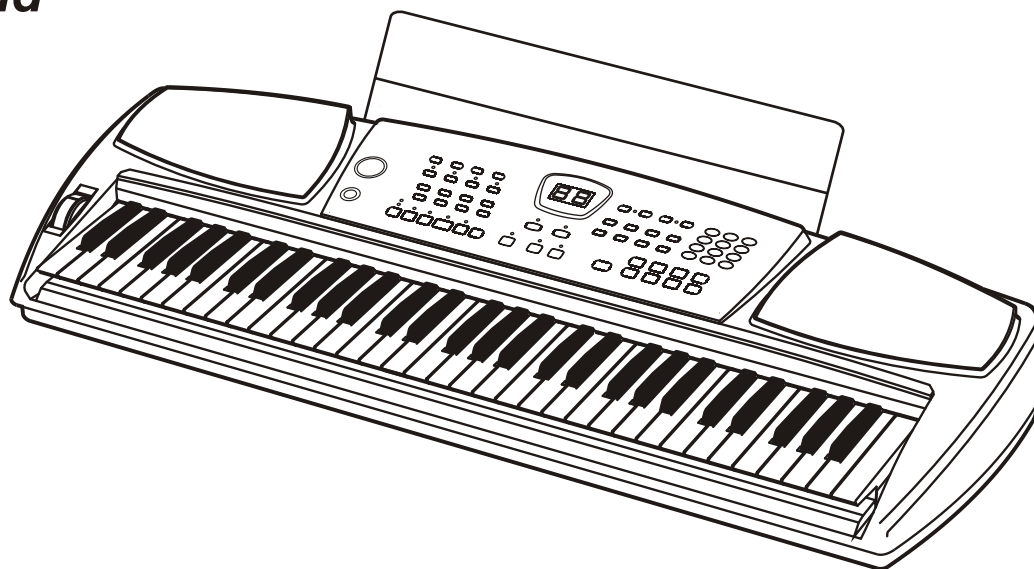
PREPARATIONS

■ Here is the place where lay main jacks of this instrument that are needed while playing . Please pay attention to the usage of these jacks.
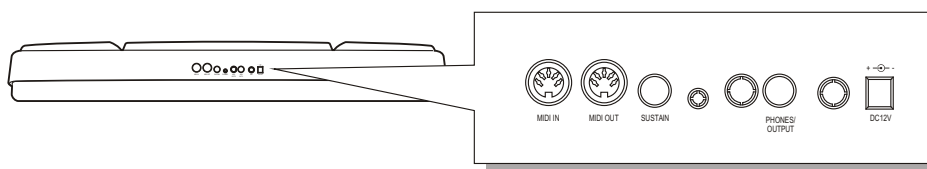
■ Power Supply

This instrument will run either from an AC adaptor or batteries.
If W660 sounds totally different while playing at a high volume, this indicates the power supply runs low.

■ Using an AC Power Adapter
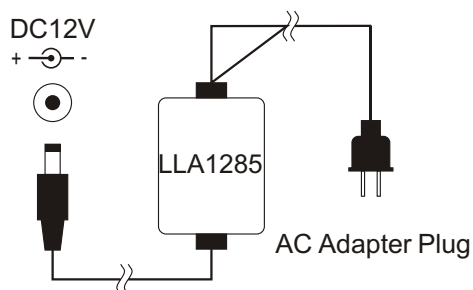
This instrument could be supplied with alternating current power, by connecting the output terminal of the adapter with DC 12V power input jack, and etc. When this instrument is connected with the adapter, the internal power circuit of this instrument would be automatically cut off.

■Using batteries

You could use six 1.5V D / R-14 batteries to run this instrument. When the power supply run low, the volume may be diminished, or an abnormal tone may appear, or any other phenomenon may occur. At this time, please turn off the power and change the batteries with the procedure below.
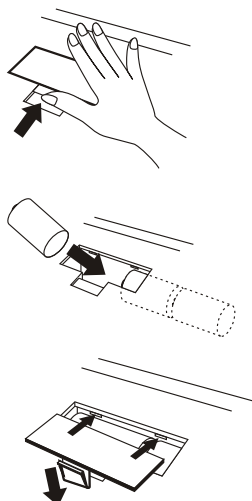
1.Open the battery compartment lid.

2. Insert six new batteries, making sure that the positive and negative terminals are properly aligned.

3. Replace the battery compartment lid.

NOTE
Never mix old and new batteries or different types of batteries.
To prevent possible damage from battery leakage, remove the batteries from the instrument if it is not to be used for a long time.

■Connections

Using Headphones and Audio Output

PHONES/ OUTPUT

You can connect a set of stereo headphone to the PHONES/OUTPUT jack. While such connection is made, you could only hear the sound through the earphone. Thus, you could practise and play without disturbing others. This jack can also be connected to the external amplifier / speaker system, in order to form a better amplifier system.

Stereo System
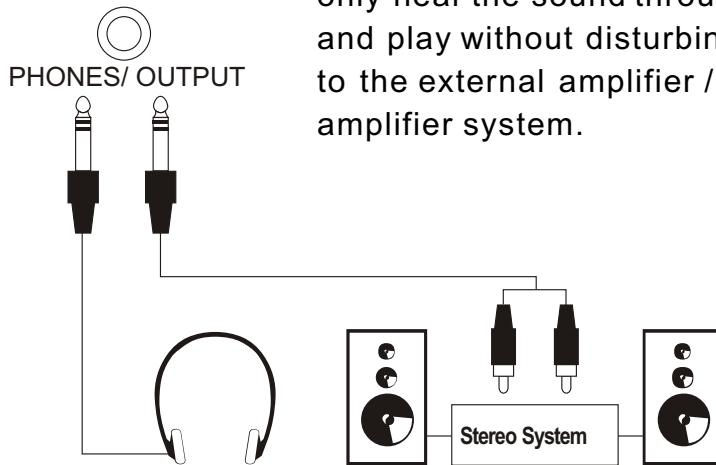
MIDI IN / OUT
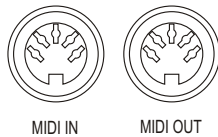
MIDI IN   MIDI OUT

MIDI IN is used to receive the MIDI data from the outside devices connected.

MIDI OUT is used to send MIDI Data of this instrument.

PLAYING THE KEYBOARD

■ **Prepare to play**

Power On innitial setting : Voice (00): PIANO
                                          Style(00): 8BEAT

NOTE::
Please wait 2-3seconds to restart the keyboard
after you turn off the power, so that the interior
circuit could completely discharge, or some
abnormal phenomenons may occur. during
playing.

■ **Demo Songs**

This keyboard has 3 demo songs. Press the [DEMO] button, the keyboard will play the
demo songs, from 1 to 3 in order. Press the [DEMO] button again to stop the playing.

■ **VOICE**

* This keyboard has 96 outstanding voices (00-95) and 4 groups of percussion sets (96-99) for your
selection. (Details please refer to the voice/style list)

● The keyboard automatically chooses its voice when turned on, the LED displays "00".

1. Press the voice choice button [+]/[-] and select one of the 100 voices of the keyboard.
    The LED displays the number of current voice.

VOICE CHOICE

[—] ○ [+]

2. Use the number buttons to choose voices, for example, if you want to choose voice
No.12, press the buttons 1 and 2 would do, or press [+] button (when current voice
No. is lower than 12), other wise press [-] button. When constantly pressing the [+] or [-]
button, the number displayed in the LED would change successively.

(1) (2) (3)
(4) (5) (6)
(7) (8) (9)
(VOICE) (0) (STYLE)

3. Also you can choose the 8 leading voices directly by pressing the 8 buttons in the voice area.

PIANO   ORGAN   GUITAR   BASS

TRUMPET   SAX   FLUTE   VIOLIN
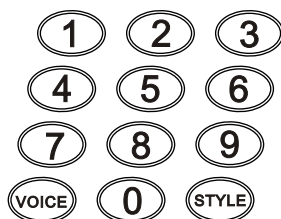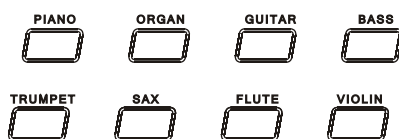
■CONTROL EFFECTS

TOUCH

● This keyboard has touch and non-touch functions. When the power switch is turned on, "Touch" function is on, as well as the indicator above the [TOUCH] button.

Press the [TOUCH] button, the touch functions is off and the indicator above the button dims.

Then there is no "touch" effect on the keys.

Press the [TOUCH] button again to regain " touch" function.

TOUCH

REVERB

● Press the [REVERB] button to open the "reverb" function, and the indicator above the button is on, reverb effect can be sensed by pressing any key on the keyboard. Press [REVERB] button again to cancel this function.

REVERB

HARMONY

● Press the [HARMONY] button to turn on the "Harmony/Echo" function, and the indicator above the button is on. The "Harmony/Echo" function can be sensed by pressing any key on the keyboard.

Press the [HARMONY] button to cancel this function.

HARMONY

CHORUS

●Press the [CHORUS] button to turn on the "Chorus" function, and the indicator above the button is on. The "Chorus" function can be sensed by pressing any key on the keyboard.
Press the [CHORUS] button to cancel this function.

CHORUS

PITCHBEND

●Press the [PITCHBEND] button to turn on the "Pitch Bend" function, and the indicator above the button is on. You can sense a slight tremolo effect by pressing any key on the keyboard.
Press the [PITCHBEND] button again to cancel this function.

PITCHBEND

SUSTAIN

●Press the [SUSTAIN] button to turn on the "Sustain" function, and the indicator above the button is on. Press any key on the keyboard, you can hear the voice prolonged.
Press the [SUSTAIN] button again to cancel this function.

SUSTAIN

PITCHBEND WHEEL

●The wheel on the left side of the keyboard is used to modulate the pitch of the voice, so as to simulate the sliding tone of natural musical instruments. The sliding tone makes certain voices more authentic and presents different musical styles.
To use the pitch bend wheel, rotate up and down the wheel with your left hand. The initial value of the sliding tone is +/-200 component tones (2 semi-tones), the adjustable value scale is $\pm$12 semi-tones($\pm$1octave).

ACCOMPANIMENT STYLES

* According to the Chinese-English Style List in this manual, this keyboard has 20
auto accompaniment styles for your free use. When the power switch is turned on,
the default style is 8BEAT.

■STYLE CHOICE

1. Press the style choice buttons [+] / [-] to select one of the 20 styles of this keyboard.
The LED displays the current style No.

STYLE CHOICE
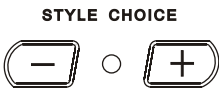
2. Use the number buttons to choose styles, for example, if you want to choose style
No.12, by pressing the buttons 1 and 2 would do, or press the [+] button (when current style
No. is lower than 12), other wise press the [-] button. When constantly pressing the [+] or [-]
button, the number displayed in the LED would change successively.
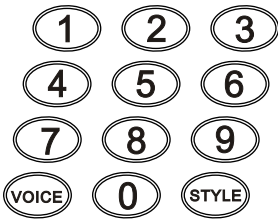
3. Also you can choose the 8 leading voices directly by pressing the 8 buttons in the voice area.

■ACMP VOLUME

Press the [+] button of ACOMP VOLUME to turn up the volume, and [-] button to turn down

the volume. The selected accompaniment volume will stay in the LED for a while. The

changing rate scale is 00-15.

ACOMPVOL

■TEMPO

Press the [+] button TEMPO to accelerate the tempo, and [-] button to decelerate

the tempo. The selected accompaniment volume will stay in the LED for a while. The

changing rate scale is 00-15.

TEMPO

■START/STOP

Press the button [START/STOP] button and the keyboard will play the style you desire in

no time. Press this button again to stop the style.

START/ STOP
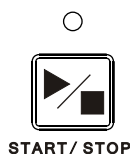
■MAINA/B

1.Press the [MAIN A/B] button and the keyboard will automatically play the Fill In with preset

style.

2.If you press this button again during play, the keyboard will play the Fill In of this style.

This fill-in has only one measure. When it stops, the keyboard returns to the former style state.

If the user constantly presses this button, this measure will be repeatedly played until the

user releases the button.

A/B

MAINA/ B

■ INTRO / ENDING

Press the [INTRO ENDING] button, a corresponding intro will come along with each style to start the accompaniment.

Press this button in the middle of play, a corresponding ending will come along, after which the accompaniment stops.

INTOR
ENDING
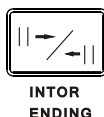
■ FILL IN

In style mode, press the [FILL IN] button, the keyboard will insert a short style to the original style, one measure later, it returns to the original style.

FILL—IN

■ SYNCHR START

If you start playing in the auto accompaniment area after pressing the [SYNCHR START] button, the accompaniment will start synchronously.

SYNCHR
START

■ CHORD

When this keyboard is turned on, the AUTO CHORD function is on, and the indicator above the button is on.

There are two types of chords: auto chord and full keyboard.

1.[AUTO CHORD]:(in [SYNCHR START] mode), the indicator on the right of the [AUTO CHORD] function button is on. When the auto accompaniment is playing, the keyboard will recognize the chord and automatically play the proper bass chord according to the current style. The chord will keep on playing after your left hand leaves the keyboard.

2. [FULL KEYBOARD]: (in [SYNCHR START] mode), press [CHORD] button, the indicator above the [FULL KEYBOARD] button is on, you can press certain keys to play chords like Major triad, dominant seventh chord, minor triad and diminished seventh chord(details please refer to the chord list) to give a beautiful chord accompaniment. The chord and the selected style should be matched.

AUTO
CHORD   O
FULL
KEYBOARD   O

CHORD
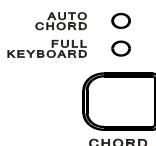
KEYBOARD PERCUSSION

● Keyboard Percussion

This keyboard has 4 sets of percussions, from 96 to 99. (For details please refer to the Percussion List)

Press the [PERCUSSION MENU] button, the LED displays "96", press the button several times more, the LED will display 97, 98, 99, 00 in order. (00 is Piano voice). Then you can play the percussion on the full keyboard.

```
PERCUSSION
MENU
```

● Panel Percussion

Press each of the 1-8 button of Panel Percussion, 8 different kinds of percussions will be played respectively.

| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |

SONG RECORDING

*You can record the replay a complete song with this keyboard.One user's song can be saved in the memory.

The melody track can record the following operations and data:

● Note On/Off   ● Touch

● Voice Number   ● Reverb

● Chorus   ● Sustain

● Tremolo

● Keyboard Volume   ● Tempo (Chord Track)

Only start recording when the song begins, and the changes made during the performance will not be recorded.

■ RECORD

Set the voice you desire and other parameters, then press [RECORD] button, and you can

start recording by playing on the keyboard.

RECORD

Notice:
Song recording will delete all the former data of the same track.
Recording proceeds by measures. If you stop between the measure, the rest will be recorded as pause.

■PLAY/STOP

Press the [PLAY/STOP] button to stop recording.

■ START PLAYBACK

Press the [PLAY/STOP] button to play the song you recorded.

■ STOP PLAYBACK

Press the [PLAY/STOP] button to stop playing the song.

MIDI FUNCTIONS

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
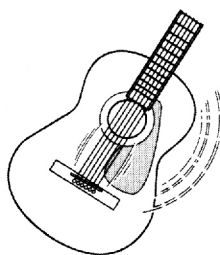
Pluck a string and the body
resonates the sound.

Digital instrument note production

Tone Generator
(Electronic circuit)

L

R

Sampling note   Sampling note

Playing the keyboard
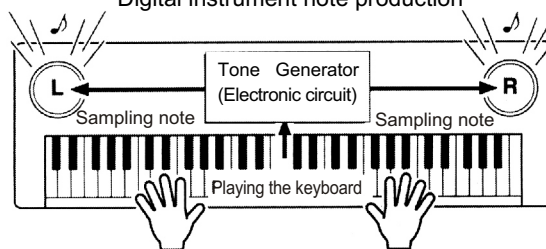
Based on playing information from the keyboard,
a sampling note stored in the tone generator is
played through the speakers.

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 W660 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", "wth 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.

W660 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 the 16 tracks. Pressing [-/NO] and [+/YES] buttons at the same time can retune to the original setting (OFF).

■KEYBOARD OUTPUT

To determine whether the data output from the MIDI OUT.

CAUTION

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

APPENDIX

VOICE LIST

This instrument has 54-note maximum polyphony. This means that it can play a maximum of up to 54 notes at the same time. If the polyphony is more than 54 notes, the extra ones will be lost.

Voice No	MIDI No	Name of Voice
		KEYBOARDs
00	01	Piano 1
01	02	Piano 2
02	03	Piano 3
03	04	Honky-tonk
04	05	Electric Piano1
05	06	Electric Piano2
06	07	Electric Piano3
07	08	Electric
08	09	Harpsi
09	10	Clav
		PERCUSSION
10	11	Celesta
11	12	Vibraphone
12	13	Marimba
13	14	Xylophone
14	15	Tubular bells
15	16	Church bells
16	17	Timpano
		ORGAN
17	18	Organ 1
18	19	Organ 1 Vibrato
19	20	Organ 2
20	21	Jazz Organ 1
21	22	Jazz Organ 2
22	23	Classic Organ
23	24	Church Organ
24	25	Leslie Organ
		REED
25	26	Accordion 1
26	27	Accordion 2
27	28	Harmonica
		GUITAR
28	29	Nylon Guitar
29	30	Steel Guitar
30	31	Jazz Guitar
31	32	Banjo
32	33	Clean Guitar
33	34	Muted Guitar
34	35	Overdrive Guitar
35	36	Distortion Guitar
36	37	Heavy Metal
37	38	Guitar Harmonics
		BASS GUITAR
38	39	Acoustic Bass 1
39	40	Acoustic Bass 2
40	41	Acoustic Bass 3
41	42	Picked Bass 1
42	43	Fretless Bass 1
43	44	Fretless Bass 2
44	45	Electric Bass 1
45	46	Electric Bass 2
46	47	Electric Bass 3
47	48	Synth Bass 1
48	49	Synth Bass 2
49	50	Synth Bass 3

Voice No	MIDI NO	Name of Voice
		WIND
50	51	Trumpet
51	52	Muted Trumpet
52	53	Brass
53	54	Tuba
54	55	Soprano Sax
55	56	Alto Sax
56	57	Tenor Sax
57	58	Baritone Sax
58	59	Oboe
59	60	English Horn
60	61	Bassoon
61	62	Clarinet
62	63	Piccolo
63	64	Flute
64	65	Pan Flute
65	66	Recorder
66	67	Shakuhachi
67	68	Whistle
68	69	Ocarina
		STRINGS
69	70	Harp 1
70	71	Harp 2
71	72	Violin
72	73	Cello
73	74	String 1
74	75	String 2
75	76	Synth String 1
76	77	Synth String 2
		ENSEMBLE
77	78	Choir Ahhs
78	79	Choir Ohhs
79	80	Choir Oohs
80	81	Analog pads 1
81	82	Analog pads 2
		EFFECTS
82	83	Sea
83	84	Wind
84	85	Gunshot
85	86	Explosion
86	87	Lasergun
87	88	Sonar
88	89	Car Pass
89	90	Helicopter
90	91	Steamy train
91	92	Police
92	93	Factory
93	94	Flanged
94	95	Coins
95	96	Aliens
		DRUMSETS
96	97	Standard
97	98	Latin
98	99	Power
99	100	Tr808

Percussion List 1

	96 STANDARD SET	97 LATIN SET	98 POWER SET	99 TR808 SET
33 - A1				Concert Bass Drum
34 - A#1				Timpani F
35 - B1	STD Kick2			Timpani G
36 - C2	STD Kick1		Power Kick2	Timpani C
37 - C#2	Side Stick		Power Kick1	909 BD
38 - D2	STD Snare1		Power Snare	808 BD
39 - D#2	Hand Clap		Closed Hi Hat 2	808 Snare Drum
40 - E2	Snare Drum 2		Open Hi Hat 2	808 Cowbell
41 - F2	STD Low Tom 2	Tambourine	Power Low Tom2	808 Low Tom2
42 - F#2	Closed Hi Hat	Hi Bongo	Power Low Tom 1	808 Closed High Hat
43 - G2	STD Low Tom 1	Low Bongo	Power Mid Tom2	808 Low Tom1
44 - G#2	Pedal Hi-Hat	Mute Hi Conga	Power Mid Tom1	808 Pedal High Hat
45 - A2	STD Mid Tom 2	Open Hi Conga	Power Hi Tom2	808 Mid Tom2
46 - A#2	Open Hi-Hat	Low Conga	Power Hi Tom1	808 Open High Hat
47 - B2	STD Mid Tom 1	High Timbale	STD2 Low Tom2	808 Mid Tom1
48 - C3	STD High Tom2	Low Timbale	STD2 Low Tom 1	808 Hi Tom2
49 - C#3	Crash Cymbal 1	High Agogo	STD2 Mid Tom2	808 Cymbal
50 - D3	STD High Tom 1	Low Agogo	STD2 Mid Tom1	808 HiTom1
51 - D#3	Ride Cymbal 1	Cabasa	STD2 Hi Tom2	808 High Conga
52 - E3	Ride Bell	Maracas	STD2 Hi Tom1	808 Mid Conga
53 - F3	Tambourine	Short Whistle	Concert Bass Drum	808 Low Conga
54 - F#3	Hi Bongo	Long Whistle	Timpani F	
55 - G3	Low Bongo	Short Guiro	Timpani G	
56 - G#3	Mute Hi Conga	Long Guiro	Timpani C	
57 - A3	Open Hi Conga	Claves		
58 - A#3	Low Conga	Hi Wood Block		
59 - B3	High Timbale	Low Wood Block		
60 - C4	Low Timbale	Mute Cuica		

Percussion List 2

	96 STANDARD SET	97 LATIN SET	98 POWER SET	99 TR808 SET
61 - C#4	High Agogo	Open Cuica		
62 - D4	Low Agogo	Mute Triangle		
63 - D#4	Cabasa	Open Triangle		
64 - E4	Maracas	Shaker		
65 - F4	Short Whistle			
66 - F#4	Long Whistle			
67 - G4	Short Guiro			
68 - G#4	Long Guiro			
69 - A4	Claves			
70 - A#4	Hi Wood Block			
71 - B4	Low Wood Block			
72 - C5	Mute Cuica			
73 - C#5	Open Cuica			
74 - D5	Mute Triangle			
75 - D#5	Open Triangle			
76 - E5	Shaker			

CHORD LIST

Chord Type / Root	Major	Minor	7th	m7th
C				
C♯/D♭				
D				
D♯/E♭				
E				
F				
F♯/G♭				
G				
G♯/A♭				
A				
A♯/B♭				
B				

CHORD LIST

Chord Type / Root	M 7	m7-5	dim	aug
C				
C#/D♭				
D				
D#/E♭				
E				
F				
F#/G♭				
G				
G#/A♭				
A				
A#/B♭				
B				

STYLE LIST

Style No.	Style Name	Style No.	Style Name
00	Ballad	10	16Beat
01	Dance Rock	11	Bluse
02	Dixie	12	Foxtrot
03	Hard rock	13	Reogae
04	Jazz Rock	14	Tango0
05	Polka	15	Flkchn
06	Shuffle	16	Rave000
07	Waltz	17	Chacha
08	Country	18	Rhumba
09	8Beat	19	Jpops

Troubleshooting

Problems	Possible Causes and Solutions
When the W660 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 W660 may produce interference. To prevent this, turn off the mobile phone or use it further away from the W660.
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 W660 is polyphonic up to a maximum of 54 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.

Technical Specifications

Keyboard:

● 61-key standard touch response keys

Voice:

● 96 PCM voices+ 4 percussions

● Max Polyphony:54

● Keyboard percussion: 96-99, 4 sets

● volume:00~15

● Octave:-2~2

Auto Accompaniment Function

● 20 styles

● Accompaniment control: synchro, intro, Main A/B, ending, start/stop

● Tempo: 00~31

3 Demo songs

Display:

● 2-digit LED screen

Accompaniment Mode

● AUTO CHORD, FULL KEYBOARD

Control Buttons

● buttons, numeric buttons: 0 ~9

MIDI function

● Receive and send

Auxiliary Interfaces

● DC Input, earphone/auxiliary output, sustain pedal

● Earphone/auxiliary output: the resistance output 32Ω

● Loudspeaker: 12cm*24Ω

Battery

● batteries with model R14 or other batteries with the same type

Voltage

● DC 8~14Ω

Packing Measurement

● **100(L)*400(W)*18H) cm**

Weight

● 7kg

Included Accessories

● music stand

● owner's manual

● power supply adaptor LLA1285

The specifications are subject to change without notice

W660 OWNER'S MANUAL

Owner's Manual

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 keep it at hand for future reference.

MAIN FEATURES

★ 96 voices, 4 groups of percussion

★ Max Polyphony: 54 notes

★ Full 61 keys keyboard with initial touch.

★ 25 different styles. Each contains Main, Variation, Intro and Ending

★ Record function (about 150 notes)

★ 3 demo songs, and 1 user song for about 150 notes.

★ Multi-effects: reverb, chorus, echo, sustain and pitchbend.

★ 20 segment Stereo DAC output, 31.25Khz sampling rate

★ Firmware updatable