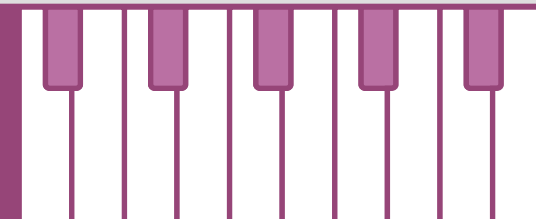




ARK-2180

Electronic Organ

OPERATION INSTRUCTIONS





Cautions

The following requirements shall be observed to avoid hurting yourself or anybody else as well as damaging of peripheral devices. The intensions will include (but not limited to) the followings:



Cautions

AC Adapter:

- Please use specified AC Adapter, otherwise fault adapter may cause damage of your electronic organ.
- Do not place AC adapter or power cord near heating source such as central heating or heat radiator. Do not overbend wire and place heavy matters on wire or wind wire with other matters to avoid damaging wire.
- Regularly check power plug and clean surface dirt. Do not pull out power plug with wet hand.

Do not open the casing of electronic organ:

- Do not open the casing of electronic organ and try to disassemble any part of it, nor make any change to it. Should any abnormal function occur in use, please stop operating it immediately and send it for repair by qualified servicemen.

Location of placing electronic organ:

- Do not place the electronic organ in an environment of dusty, vibrating, low or high temperature (such as exposed to direct sunshine, near central heat or in the car exposed under sunshine) to avoid damaging appearance or internal part.
- Do not put the electronic organ in an unstable place to avoid falling. Do not put any vessel holding liquid on the electronic organ to avoid liquid flowing in it and impairing internal part.

Maintenance:

- To clean the body of the electronic organ, wipe it with dry soft cloth. Do not use paint, dope, organic solvent or chemically impregnated cloth.

Connection of peripheral device:

- In order to prevent speaker from damaging, please adjust the volume of peripheral device to the lowest and after music is gradually played, adjust to appropriate volume. Should any device damage incurred by violating the intension, no responsibility shall be taken by the manufacture.

Caution in operation:

- The organ with the loudest or uncomfortable volume to avoid decline in hearing.
- Do not place heavy matters on the electronic organ, nor press keyboard, switch and socket with heavy force.
- The package shall be opened by adult to avoid the danger of suffocating infant or children. Please properly store or dispose the plastic package after unpacking. The matters contained are not suitable for using by the children under 3 years old.



Notice

- Specifications are subject to change without notice.
- Should any description of product function be not specified in detail or some typing error occur, please forgive us.
- What is displayed in LCD in this instruction is only for the purpose of explanation and may be different with actual display in your electronic organ.
- This company retains the right which needs to revise because of the duty and finally interpretative right.

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Technical Specifications



- **Standard**
 - GB8898-2011
 - GB13837-2012、GB17625.1-2012
- **Keyboard**
 - 61-key standard keyboard with touch response
- **Voice**
 - 128 GM standard voices, 8 folk voices, 2 drum teams
- **Rhythm**
 - 109 wonderful auto chord accompany
- **Demo song**
 - 6 different styles demo songs
- **Directly selected voices/rhythms**
 - 5 directly selected keys
- **Effect controls**
 - sustain, vibrato, touch, chorus, reverb, transpose, pitch bend, keyboard split
- **Record**
 - record , sound track1, sound track2, sound track3, clear, play
- **Accompany control**
 - start/stop, sync, intro, fill-in 1, fill-in 2, ending
- **Auto chord**
 - single chord, finger chord
- **Status Memory**
 - 4 memory groups 16 status memory, can save voice and voice part ,voice effect ,accompany data
- **Other controls**
 - power switch, master volume control, chord volume control, metronome, tempo
- **External functions**
 - power jack ,headphone, circuitry output jack, sustain pedal jack, MIDI input /output jack
- **Diapason**
 - C2~C7
- **Accuracy in musical tuning**
 - ≤6cent
- **AC adapter**
 - AC220, DC12V,1000mA
- **DC input**
 - DC12V
- **Output power**
 - 8W×2
- **Quiescent current**
 - 280mA
- **Specification**
 - 960×380×120 (mm)
- **Weight**
 - 6.4Kg

Demo Song Table

| No. | Code of Song | No. | Code of Song |
|-----|--------------------------------|-----|---------------------------|
| 001 | Turkish March | 004 | It Don't Mean A Thing |
| 002 | Fantaisie Impromptu in c sharp | 005 | For Alice |
| 003 | Grand March | 006 | Rondo Brilliant in E-flat |

Trouble Shooting

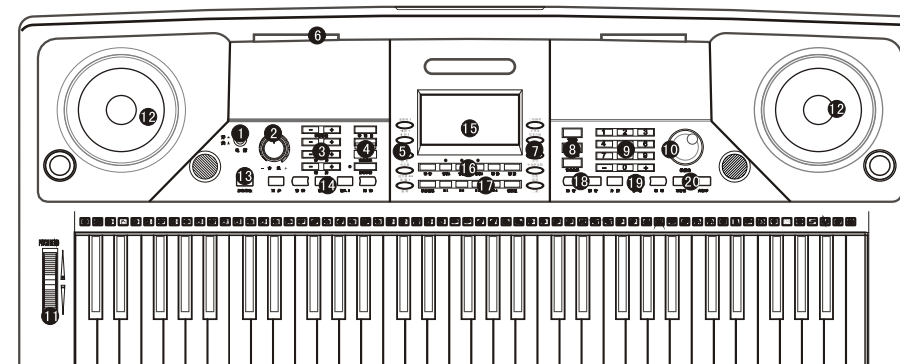
| Trouble | Possible reason/eliminating method |
|---|---|
| Accompanying a little noise in turning on/off power. | Normal condition. Please do not worry. |
| After turning on power, keyboard but no sound can be emitted. | Check whether volume control key is at proper position or headphone jack is held by other equipment to break off built-in speaker system. |
| The note and its tone for a same voice are a little different. | This is normal phenomenon caused by different voice sampling diapason. |
| When using Sustain function, some tones have long sustain but some have short sustain. | This is normal phenomenon since the sustains of different tones are set to optimum lengths. |
| Too low volume, abnormal volume or accompaniment does not work. | Check whether volume control and accompaniment volume control are in proper setting. |
| Even if Sync is activated and keyboard is played, no accompaniment appears. | Check whether chord mode is set in corresponding chord position. Now only by playing auto chord keyboard, can accompaniment be started. |
| Not all keys pressed produces sound. So long as you press keyboard, auto accompaniment function seems skipped. | You may have used too much notes than allowed quantity, including ring-hand tone, left-hand tone, auto accompaniment and counterpoint note. The notes in excess of this limit will not produce sound. |
| The pitch of note is not correct. | Check whether the parameter of Transpose is "0". |
| When using AC adapter, you hear distorted or discontinued sound, or even the electronic organ may be halted in terrible case. | You have used unqualified AC adapter or low batteries. Please use the AC adapter provided with this electronic organ or replace batteries. |
| No sound for external loudspeaker or amplifier. | Check whether volume is set too low or wire connection is proper. |

The stochastic appendix

ARK-2180 packing case contains the following appendix. Please inspect the appendix is whether complete.

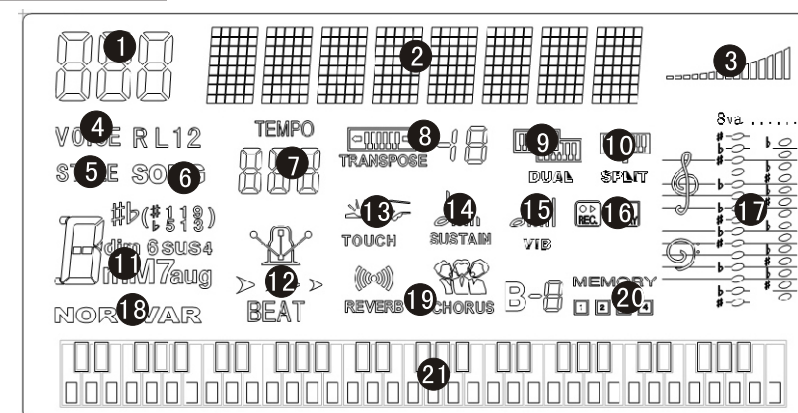
I . Panel Control and External Function

Panel Control



- | | |
|---|---|
| 1.POWER | 11.PITCH BEND |
| 2.VOLUME | 12.Loudspeaker |
| 3.CHORD VOLUME/STYLE VOLUME/TEMPO/TRANPOSE | 13.START/STOP |
| 4.DEMO SONG/KEYBOARD SPLIT/FUNCTION MENU/AUTO CHORD | 14.SYNC/INTRO/FILL IN1/FILL In2/ENDING |
| 5.Directly selected rhythms | 15.LCD display |
| 6.Music stand entry | 16.REC/M1/M2/M3/M4/PLAY |
| 7.Directly selected voices | 17.STATUS/TRACK1/TRACK2/TRACK3/CLEAR/MEMORY |
| 8.METRONOME/STYLE/VOICE | 18.SUSTAIN/VIBRATO |
| 9.No.0-9/+、-button | 19.TOUCH/CHORUS/REVERB |
| 10.DATA WHEEL | 20.DUAL/GRAND PIANO |

LCD Screen Legend

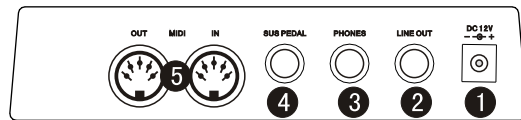


- | | | |
|-------------|--------------|----------------------|
| 1 DIGIT | 8 TRANSPOSE | 15 VIBRATO |
| 2 LETTER | 9 DUAL | 16 REC |
| 3 VOLUME | 10 SPLIT | 17 STAFF |
| 4 VOICE | 11 CHORD | 18 FILL In1/FILL In2 |
| 5 STYLE | 12 METRONOME | 19 REVERB/CHORUS |
| 6 DEMO SONG | 13 TOUCH | 20 MEMORY |
| 7 TEMPO | 14 SUSTAIN | 21 B/W key |

I . Panel Control and External Function



External Function



- ① DC12V input
- ② Line Out
- ③ Headphone
- ④ Sustain Pedal
- ⑤ MIDI OUT/IN jack

II . Preparation before performance

POWER

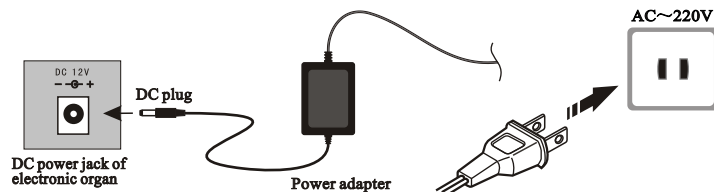
1. Use Power Adapter:

Please use the AC adapter provided with the electronic organ. First connect the adapter plug with DC jack, and then plug the other end of power cord to AC~220 main socket.



Cautions:

When you do not use this electronic organ for a long term, you should pull out the plug of power adapter from main socket safely to avoid possible causing trouble of part or other accident in long-term charging.



II . Use of batteries:

Open the battery lid in the bottom of electronic organ and load eight 1.5V Size D batteries, ensuring the polarity should conform to the direction marked on battery lid. Replace the lid securely after loading batteries.



Cautions:

When batteries have to be replaced, please replace all batteries once. Do not use new and old batteries simultaneously. To avoid possible damage caused by battery liquid leakage, please take out batteries if you will not use the electronic organ for a long term.

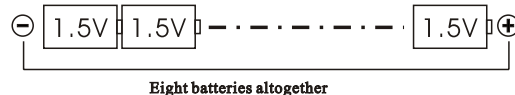


Table of Style



| No. | Name of Style |
|-----|---------------|
| 001 | Dance1 |
| 002 | Dance2 |
| 003 | Dance3 |
| 004 | Disco1 |
| 005 | Disco2 |
| 006 | Disco3 |
| 007 | Eurobeat |
| 008 | House1 |
| 009 | House2 |
| 010 | House3 |
| 011 | Techno1 |
| 012 | Techno2 |
| 013 | 8Beat Pop |
| 014 | Pop Shfl |
| 015 | Pop Dance |
| 016 | Pop Rap |
| 017 | Pop Bossa |
| 018 | Pop Reggae |
| 019 | Folk Pop |
| 020 | 16Beat Pop |
| 021 | Ballad1 |
| 022 | Ballad2 |
| 023 | New Age |
| 024 | Funk1 |
| 025 | Funk2 |
| 026 | Funk3 |
| 027 | 16Beat1 |
| 028 | 16Beat2 |
| 029 | 16Beat3 |
| 030 | Soul |
| 031 | Soul Ballad |
| 032 | Rock1 |
| 033 | Rock2 |
| 034 | Rock3 |
| 035 | Rock4 |
| 036 | Rock5 |
| 037 | 8Beat1 |

| No. | Name of Style |
|-----|----------------|
| 038 | 8Beat2 |
| 039 | 8Beat3 |
| 040 | 8Beat4 |
| 041 | 8Beat5 |
| 042 | R&B1 |
| 043 | R&B2 |
| 044 | Blues1 |
| 045 | Blues2 |
| 046 | Gosple |
| 047 | Slow Rock |
| 048 | Rock&Roll1 |
| 049 | Rock&Roll2 |
| 050 | Rock Shuffle |
| 051 | Boogie Woogie1 |
| 052 | Boogie Woogie2 |
| 053 | Charleston |
| 054 | Twist |
| 055 | Swing1 |
| 056 | Swing2 |
| 057 | Jazz Waltz |
| 058 | Jazz Ballad |
| 059 | Slow Jazz |
| 060 | Fusion |
| 061 | Shuffle1 |
| 062 | Shuffle2 |
| 063 | Foxtrot1 |
| 064 | Foxtrot2 |
| 065 | Surf |
| 066 | Big Band1 |
| 067 | Big Band2 |
| 068 | Cool Jazz |
| 069 | Swing Waltz |
| 070 | Dixieland |
| 071 | Samba1 |
| 072 | Samba2 |
| 073 | Disco Samba |
| 074 | Cha Cha |

| No. | Name of Style |
|-----|----------------|
| 075 | Disco Cha |
| 076 | Guaracha |
| 077 | Mambo |
| 078 | Bossa Nova |
| 079 | Cumbia |
| 080 | Beguine |
| 081 | Salsa |
| 082 | Caribbean |
| 083 | Rhumba |
| 084 | Tango |
| 085 | Reggae |
| 086 | Country Rock1 |
| 087 | Country Rock2 |
| 088 | Country Ballad |
| 089 | Country Shffle |
| 090 | Country Waltz1 |
| 091 | Country Waltz2 |
| 092 | Two Step |
| 093 | Bluegrass |
| 094 | Waltz |
| 095 | Musette |
| 096 | VienerWaltz |
| 097 | March4/4 |
| 098 | March6/8 |
| 099 | Polka1 |
| 100 | Polka2 |
| 101 | Arabian1 |
| 102 | Arabian2 |
| 103 | Xingjiang1 |
| 104 | Xingjiang2 |
| 105 | Yunnan1 |
| 106 | Yunnan2 |
| 107 | Anhui |
| 108 | Henan |
| 109 | Shanbei |
| | |
| | |

Table of Voice



| No. | Name of Voice | No. | Name of Voice | No. | Name of Voice |
|-----|-----------------------|-----|-------------------|-----|-------------------|
| 001 | Acoustic Grand Piano | 047 | Orchestral Harp | 093 | pad5(bowed) |
| 002 | Bright Acoustic Piano | 048 | Timpani | 094 | pad6(metallic) |
| 003 | Electric Grand Piano | 049 | Strings Ensemble1 | 095 | pad7(halo) |
| 004 | Honky-Tonk Piano | 050 | Strings Ensemble2 | 096 | pad8(sweep) |
| 005 | E.Piano1 | 051 | Synth Strings1 | 097 | FX1(rain) |
| 006 | E.Piano2 | 052 | Synth Strings2 | 098 | FX2(soundtrack) |
| 007 | Harpsichord | 053 | Choir Aahs | 099 | FX3(crystal) |
| 008 | Clavi | 054 | Voice Oohs | 100 | FX4(atmosphere) |
| 009 | Celesta | 055 | Synth Voice | 101 | FX5(brightness) |
| 010 | Glockenspiel | 056 | Orchestra Hit | 102 | FX6(goblins) |
| 011 | Music Box | 057 | Trumpet | 103 | FX7(echoes) |
| 012 | Vibes | 058 | Trombone | 104 | FX8(sci-fi) |
| 013 | Marimba | 059 | Tuba | 105 | Sitar |
| 014 | Xylophone | 060 | Muted Trumpet | 106 | Banjo |
| 015 | Tubular Bells | 061 | French Horn | 107 | Shamisen |
| 016 | Dulcimer | 062 | Brass Section | 108 | Koto |
| 017 | Drawbar Organ | 063 | Synth Brass1 | 109 | Kalimba |
| 018 | Percussive Organ | 064 | Synth Brass2 | 110 | Bagpipe |
| 019 | Rock Organ | 065 | Soprano Sax | 111 | Fiddle |
| 020 | Church Organ | 066 | Alto Sax | 112 | Shanai |
| 021 | Reed Organ | 067 | Tenor Sax | 113 | Tinkle Bell |
| 022 | Accordion | 068 | Baritone Sax | 114 | Agogo |
| 023 | Harmonica | 069 | Oboe | 115 | Steel Drums |
| 024 | Tango Accordion | 070 | English Horn | 116 | Wood Block |
| 025 | Nylon Guitar | 071 | Bassoon | 117 | Taiko Drum |
| 026 | Steel Guitar | 072 | Clarinet | 118 | Melodic |
| 027 | Jazz Guitar | 073 | Piccolo | 119 | Synth Drum |
| 028 | Clean Guitar | 074 | Flute | 120 | Reverse Cymbal |
| 029 | Muted Guitar | 075 | Recorder | 121 | Guitar Fret Noise |
| 030 | Overdriven Guitar | 076 | Pan Flute | 122 | Breath Noise |
| 031 | Distortion Guitar | 077 | Blown Bottle | 123 | Seashore |
| 032 | Guitar Harmonics | 078 | Shakuhachi | 124 | Bird Tweet |
| 033 | Acoustic Bass | 079 | Whistle | 125 | Telephone Ring |
| 034 | Finger Bass | 080 | Ocarina | 126 | Helicopter |
| 035 | Pick Bass | 081 | Lead1(square) | 127 | Applause |
| 036 | Fretless Bass | 082 | Lead2(sawtooth) | 128 | Gunshot |
| 037 | Slap Bass1 | 083 | Lead3(calliope) | 129 | Pipa |
| 038 | Slap Bass2 | 084 | Lead4(chiff) | 130 | Yueqin |
| 039 | Synth Bass1 | 085 | Lead5(charang) | 131 | Guzheng |
| 040 | Synth Bass2 | 086 | Lead6(voice) | 132 | Yangqin |
| 041 | Violin | 087 | Lead7(fifths) | 133 | Erhu |
| 042 | Viola | 088 | Lead8(bass&lead) | 134 | Zhongruan |
| 043 | Cello | 089 | pad1(newage) | 135 | Suona |
| 044 | Contrabass | 090 | pad2(warm) | 136 | Dizi |
| 045 | Tremolo Strings | 091 | pad3(polysynth) | 137 | Standard Kit |
| 046 | Pizzicato Strings | 092 | pad4(choir) | 138 | China Kit |

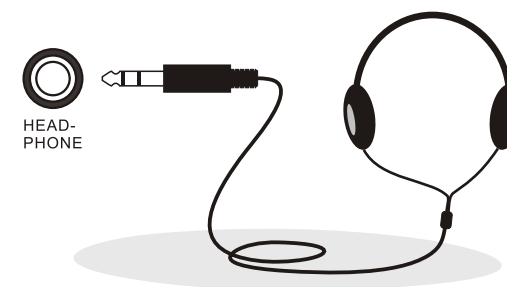


II. Preparation before performance

Fittings jack

1.Use of Headphone:

Connect headphone plug into HEADPHONE jack in the rear of electronic organ. Now the internal speakers are automatically switched off.



2.Use of Line Out:

This electronic organ has built-in speaker system. Alternatively, it can also be connected to any external amplifier or hi-fi equipment. Insert one end of stereo audio cable into LINE IN or AUX IN jack of other hi-fi equipment, and IN or AUX IN jack of other hi-fi equipment, and connect the other end into LINE OUT jack in rear panel of electronic organ.

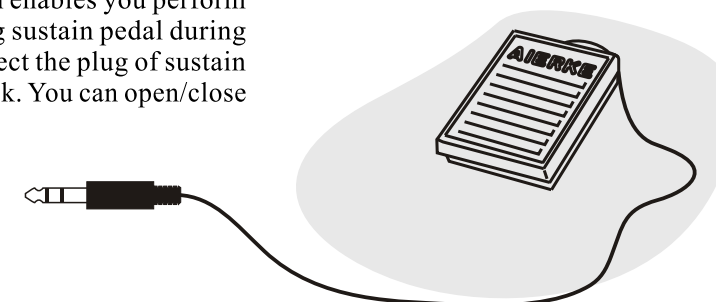


Cautions:

In order to prevent speaker from damaging, please adjust the volume of peripheral device to the lowest and when you begin with performing music, gradually increase volume to the extent you satisfy.

3.Use of Sustain Pedal:

The function of sustain enables you perform natural sustain by treading sustain pedal during performance. Please connect the plug of sustain pedal into SUS PEDAL jack. You can open/close the function



4.Jack of MIDI IN/OUT:

1.By linking MIDI tie line, you may connect MIDI-IN jack to another MIDI-compatible device to receive MIDI data of the electronic organ.

2.By linking MIDI tie line, you may connect MIDI-OUT jack to another MIDI-compatible device to transfer MIDI data of the electronic organ. When you perform a note, the corresponding MIDI data will be transferred. You can also control other MIDI devices by transferring program changing data.

III. Basic Operation



1. Turn on power switch:

After connecting AC adapter or installing batteries properly, press POWER button to turn on the electronic organ. To turn it off, Press the button once again.



2. Adjustment of Volume:

According to client's needs, rotate main volume knob to adjust master volume properly.

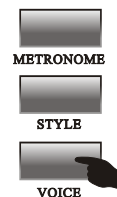


VOICE


1. Select Voice:

This electronic organ has 138 voices (00~99) for your choice, including 128 GM voices, 8 Chinese folk music voices and 2 groups of drum (For detailed information, refer to Table of Voice).

The system default VOICE R 1 is 001 voice and LCD displays 001 Grand Pno. Press VOICE button to enter voice selecting status. Select the voice you need by pressing +/- buttons, digit buttons, data dial, or five direct selection buttons (each button corresponds to two voices: A or B).



2. DUAL VOICE:

When you press DUAL VOICE button,  will be highlighted. LCD displays the current serial number of voice in the right lower layer and voice name and **VOICE R 2** sign will be displayed below, default voice being 050 voice. Two different voices are produced simultaneously in one sonolayer. You may select the dual voice you need by pressing direct voice selection buttons, data dial, +/- buttons and digit buttons. Press the DUAL VOICE button once again to close the dual voice effect and restore the voice and display of upper layer.



3. GRAND PIANO:

When you press GRAND PIANO button, its voice will be selected as Lead. To perform the piano voice, what you should do is just to press a shortcut button. (when Rhythm is started, press the button to stop playing rhythm).



III. Basic Operation

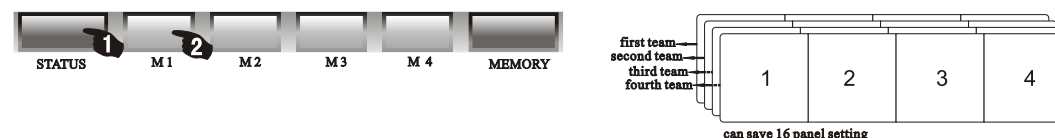


MEMORY

This instrument is provided with registration memory function that can be used to save your favorite settings for the purpose of recalling them easily. By pressing MEMORY GR button, you can select between four memory groups and B1→B2→B3→B4 will be displayed in cycle.

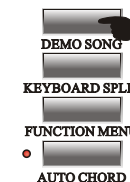
By pressing and holding Status M button, **MEMORY** sign will light up in LCD. Press any key of M1~M4 to execute data saving operation (panel parameters to be saved: style and related function, voice and effect control). If you save the panel setting in the memory position including previous data, the new data will replace the previous data.

To recall saved panel setting, press Status M button to recall the memory group that saved your setting and then press M1~M4 buttons to call memory status



DEMO SONG

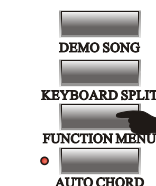
There are six demo songs of different styles for your appreciation. Press DEMO button to play demo song in cycle and **SONG** sign will light up in LCD. The default is 001 demo song. You can select demo songs by pressing +/- buttons or data dial and after a few seconds the demo song will be played automatically. Press DEMO button or START/STOP button can stop playing. Before playing demo songs, you can activate the functions of reverb and chorus to enrich the voice.



FUNCTION MENU

Press FUNCTION button to enter menu selection status. Select items of function by pressing +/- buttons or data dial.

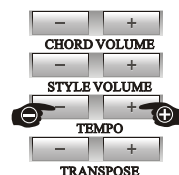
| Content Adjusted | LCD Display | Range Adjusted |
|------------------|-------------|----------------|
| Beat | Beat Num | 0,2...9 |
| Split Point | Split Pt | 1...61 |
| Reverb type | Reverb Tp | 0-7 |
| Reverb level | Reverb Lv | 0-127 |
| Chorus type | Chorus Tp | 0-7 |
| Chorus level | Chorus Lv | 0-127 |



III. Basic Operation

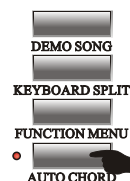


style, press tempo +/- buttons simultaneously.



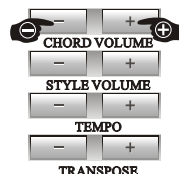
5. AUTO CHORD:

Pressing AUTO CHORD button during style playing, the corresponding LED will light up and auto chord function is activated. Now the left-hand zone is auto chord zone (single chord and fingered chord) and the electronic organ can identify it automatically. When style playing is stopped, the chord played in keyboard accompaniment zone can also be identified and played. As a matter of fact, the keyboard is turned into a keyboard split. Now you can play base chord with left hand while play normal selected pitch with right hand.




6. CHORD VOLUME:

Press CHORD VOL +/- buttons to lift or lower chord volume gradually and corresponding value will be displayed in LCD. The largest adjustable range is 0~31. Press CHORD VOL +/- buttons simultaneously to close chord volume.



Record Function

Press RECORD button to enter record standby status,  sign will be displayed in LCD. After selecting track, the LED corresponding to the track will light up, representing that the track enters record standby status. Beat point will be displayed as per current tempo and the LED will flash. Track 1 is accompaniment track while track 2 and 3 are theme track.

To record track 1 (style function and auto chord), press START/STOP button and then any key to begin recording; to record track 2 and 3 (pitch and control effect), play keyboard to begin recording. Accompaniment track and theme track can be recorded simultaneously. If memory is used up during recording, the recording will be ended automatically; in the state of activating style, press END button to automatically end recording after the end is finished; press RECORD button once again during recording to end recording. All the LEDs corresponding to recording tracks will light up, representing that the tracks have recorded contents in open status.

Press PLAY button to begin playing records. You can play the record in three tracks simultaneously. Press PLAY button once again to stop playing. Press MENU button to directly delete recorded contents in the tracks.




III. Basic Operation




Effect Control

1. SUSTAIN:

When you press SUSTAIN button,  sign will be displayed in LCD. Sustain is to add slow and natural fall to the voice, making certain instrument voice true to life. Press SUSTAIN button once again to close the effect. The sustain effect can be also realized by treading SUS PEDAL.




2. VIBRATO:

When you press VIBRATO button,  sign will be displayed in LCD. Now the keys will produce vibrato effect. Press VIBRATO button once again to close the effect.





3. TOUCH:

You can control finger force on the keys by this function, realizing dynamic change of volume. After you turn on the electronic organ, the preset keyboard touch function is automatically started.  sign will be displayed in LCD, the default state being 002. By pressing TOUCH button, The state 001→002→003→OFF will form a cycle of operation.





4. CHORUS:

After you turn on the electronic organ, the preset chorus function is automatically started.  sign will be displayed in LCD. To adjust chorus type or chorus level, you may select CHORUS TP/CHORUS LV state in FUNCTION menu and select the chorus effect by data dial or +/- buttons. When you press CHORUS button and the chorus sign  fades, the chorus effect is closed.



5. REVERB:

After you turn on the electronic organ, the preset reverb function is automatically started.  sign will be displayed in LCD. To adjust reverb type or reverb level, you may select REVERB TP/REVERB LV state in FUNCTION menu and select the reverb effect by data dial or +/- buttons. When you press REVERB button and the reverb sign  fades, the reverb effect is closed.

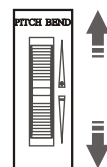


III. Basic Operation




6. PITCH BEND:

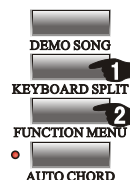
The pitch wheel can add smooth pitch change to the notes performed. When you play keyboard with right hand, turn the pitch wheel upwards or downwards with left hand. Upward rolling can lift pitch while downward rolling can lower pitch.




7. KEYBOARD SPLIT:

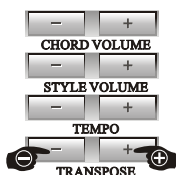
When you press KEYBOARD SPLIT button,  sign will be displayed in LCD. The whole keyboard will be divided into two individual zones: left zone and right zone. Before you select keyboard, the preset bass pitch is No. 50 Strings2 and **VOICE L** sign will be displayed below. The left keyboard pitch can be selected by direct selection buttons, data dial, digit buttons and +/- buttons. Press KEYBOARD SPLIT button once again to close the split function.

To select split point, press FUNCTION menu and select SPLIT PT, then press a key as split point and press KEYBOARD SPLIT button once again, loosen the button to exit the split function. The key pressed is the new split point.



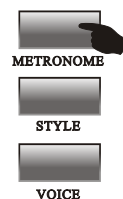
8. TRANSPOSE:

After you turn on the electronic organ, the preset transpose function is automatically started with an initial value of 0.  sign will be displayed in LCD. By pressing transpose +/- buttons, you can lift or lower the pitch of electronic organ by the unit of semitone, altogether ± 12 steps. Press transpose +/- buttons simultaneously to restore original pitch.



9. METRONOME:

When you press METRONOME button,  sign will flash in LCD. To set metronome point, you can press FUNCTION menu and select BEAT NUM, and then select beat point by +/- buttons or data dial in the range of 0, 2, 3~9. You can also activate metronome in rhythm play.



Rhythm and related function

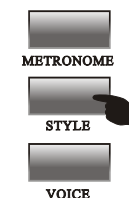
III. Basic Operation



1. Style Select:


This electronic organ has 109 styles for your choice. (refer to the Table of Rhythm)

Press STYLE button to enter style selection, and **STYLE** sign will be displayed in LCD. Select the style you need by pressing +/- buttons, digit buttons or data dial. The preset STYLE is 001 Dance1. You can also select using five direct selection buttons with each button corresponding to two styles: A and B. During style playing, you can also use the function of reverb and chorus to enhance performing effect.



2. Style Control:

① **To activate style:** after selecting style, press START/STOP button to play style. After pressing INTROS button and then START/STOP button, various styles will lead style by proper intros to normal status. Using with accompaniment, many intros can produce special chord variation and modification to enrich your performance.

② **To activate Sync:** after pressing SYNC button, beat sign  will flash in LCD, representing that the electronic organ enters a status of Sync and standby. Press any key (when auto chord is activated, you must press a key in auto chord zone of keyboard) to play style automatically. (To add intros before activating Sync, you can press STYLE button).

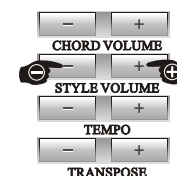
③ **To insert Fill-In:** during STYLE play, press Fill-In 1 button (NOR displayed in LCD) or Fill-In 2 button (VAR displayed in LCD) to insert a Fill-In in the style of play and then return to original theme, enhancing performing effect.

④ **To stop style:** press START/STOP button to stop playing style immediately. During style play, press END button to lead the end of style with an END at various accompaniment.



3. STYLE VOLUME:

Press STYLE VOLUME +/- buttons to lift or lower style volume gradually, and correspondent value will be displayed in LCD. The largest adjustable range is 0~31. Press style volume +/- buttons simultaneously to close style volume.



4. TEMPO:

Press TEMPO +/- buttons to adjust tempo with the largest adjustable range of 30~280, and corresponding tempo value will be displayed in LCD. To restore to preset tempo of current