
K18

**54-Key Multi-function
Teaching-Type Electronic Organ**

OPERATION INSTRUCTIONS

Function and Feature of K18 Electronic Organ

- ▲ 54 standard piano keys
- ▲ LED display
- ▲ 100 tones, 100 rhythms, 8 stereo demo songs and 8 panel drums
- ▲ Single chord, Finger chord, Chord clear
- ▲ Sync, Fill in, Start/Stop
- ▲ Sustain, Vibrato, keyboard transpose
- ▲ B/W key record, rhythm program
- ▲ Guide-A and Guide-B
- ▲ 32-level tempo, 16-level volume, 8-level rhythm chord volume

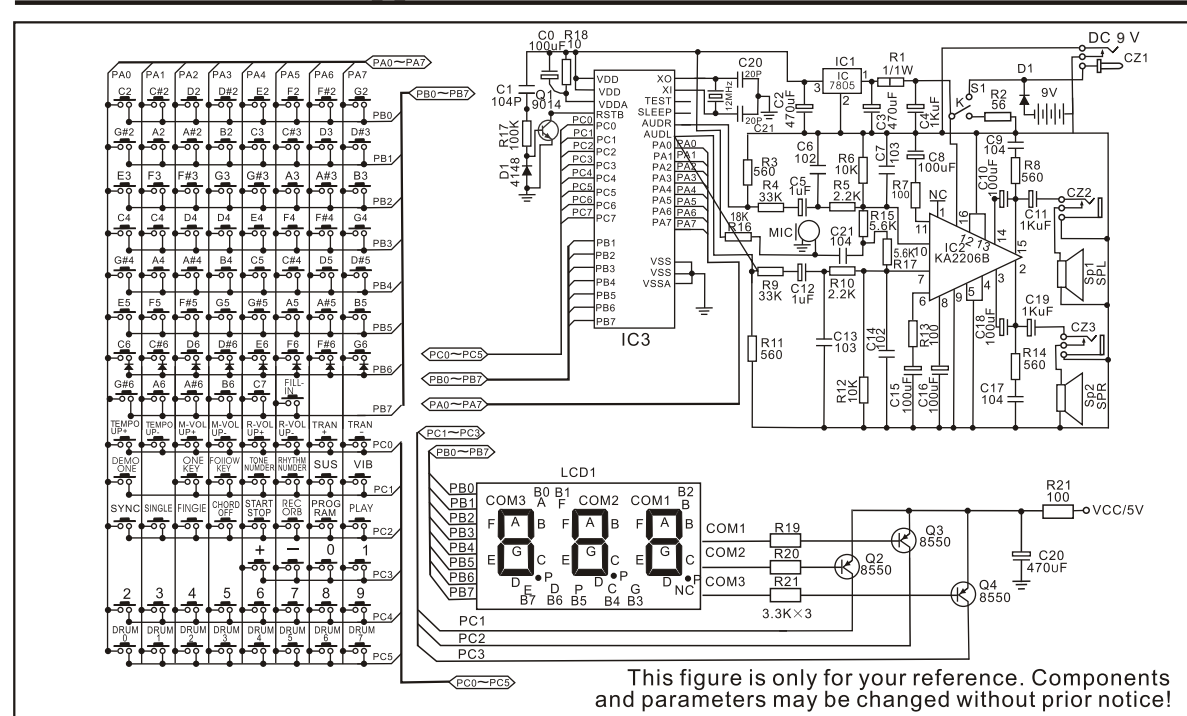
Tone	100	DC voltage	DC 9 V
Rhythm	100	Output power	≤ 2.7 W
Diapason	C2-F6	Static current	75 mA
Accuracy	≤ 3 cent	Weight	3.65 Kg
Standard	GB8898-2011	Dimensions	850×330×120(mm)

Caution (Please read carefully before use)

Please observe the following items in using this electronic organ to avoid hurting operator or anybody else and damaging to this organ or other peripheral device. Please pay attention to, but not limited to, the following cautions.

1. Do not open the case of electronic organ or try to disassemble any part. Do not change internal component. If any abnormal situation occurs, please stop using it immediately and send it to qualified person for examination and repair.
2. Please use specified voltage AC220V 50Hz, otherwise wrong voltage would damage this electronic organ or make it overheated or slow variation of sound.
3. Before connecting this electronic organ with other electric appliance, please turn off all power supply and adjust the volume of peripheral device to the minimum limit.
4. Do not place AC adaptor or power cord near hot source such as central heating or radiator. Do not overbend wire. Do not place heavy matters on wire or tie other matters with wire.
5. Do not use blanket socket for the electronic organ to avoid overheat. When you do not use it for a long time or during a thunderstorm, please turn off the power supply and pull off AC adapter or socket plug. Please hold the plug instead of wire to pull out the power plug.
6. Do not place the electronic organ in a dusty, vibrating, low or high temperature environment such as a place exposed to direct sun light, the side of central heating or a car under direct sun light, so as to avoid damaging the outlook or internal component of the electronic organ.
7. Do not place the electronic organ at unstable place to avoid falling and damaging. Do not sit on the electronic organ or place heavy matters on it.
8. Protect the electronic organ from rain or dampness. Do not put any vessel with liquid on the electronic organ to avoid the liquid flowing in the electronic organ and impair internal components.
9. Before cleaning the electronic organ, please pull out the power plug with dry hand. Regularly check the plug and clean surface dirt.
10. For cleaning the body of electronic organ without causing color fading of panel or keys, use dry soft cloth to wipe it gently. Do not use any cloth doused in paint, organic solvent or chemicals. Do not place vinyl products on organ body.
11. Do not perform the electronic organ with maximum or uncomfortable volume to protect audition from hurting. Unpacking shall be done by adult. Please store the plastics packing properly or dispose them away out of infant or child to avoid danger. Since it contains small part, this electronic organ is not suitable for children.

Appendix VI: Schematic Circuit



Appendix V . Trouble Shooting

Trouble	Cause and Solution
No t 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 right-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 “00”.
When using batteries, the electronic organ does not emit sound after startup and indicating LED does not light up.	Check whether battery polarity is correct and batteries have run down.
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 loud speaker oramplifier.	Check whether volume is set too low or wire connection is proper.
No sound for external microphone.	Check whether volume is set too low or wire connection is proper, or use electrer condenser microphone.

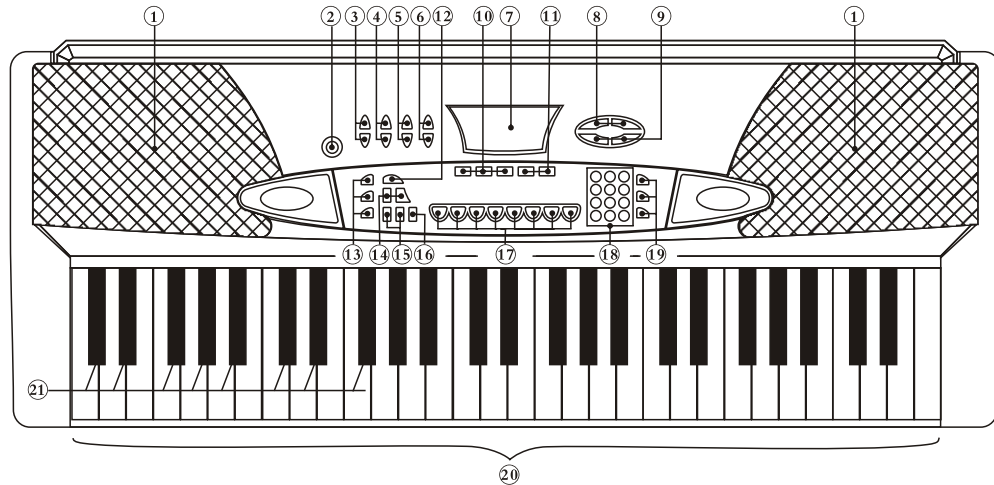
Note:Should the trouble of your electronic organ be unable to eliminate, please send it to franchiser or its maintenance service to repair. Do not disassembly without authorization.

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Name of Function Key and Layout

- | | | |
|-------------------|--|----------------------------------|
| 1.loudspeaker | 8.Guide A/B | 15.Fill-in/Sync |
| 2.power switch | 9.Demo one/Demo all | 16.Beat |
| 3.Volume “+/-” | 10.Rec/play/Prog | 17.Panel drums |
| 4.RhyVOL “+/-” | 11.Dual voice/Split | 18.Number Keyboard |
| 5.Transpose “+/-” | 12.Start/Stop | 19.Voice/Stykle/Drum |
| 6.Tempo “+/-” | 13.Singer chord/Finger chord/chord clear | 20.54-Key standard keyboard |
| 7.LED display | 14.Sustain/Vibrato | 21.19 B/W Keys in auto chord are |



Appendix V: Trouble Shooting

Trouble	Cause and Solution
Accompanying a little noise in turning on/off power.	Normal condition. Please do not worry.
After turning on power, press keyboard but not 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.
Though Sync/Start is begun and keyboard is used in performance, auto accompaniment does not work.	Check whether auto bass is set on Single or Finger chord position. Now only pressing the keyboard of auto bass chord key area can accompaniment be started.
When using mobile phone, the electronic organ will emit noise.	Mobile phone can disturb the electronic organ. To avoid the noise, turn off the mobile phone or use it far away.

Appendix III: Table of Demo Song

Number	Code of Song	Number	Code of Song
01	Turkey march	05	Red River Valley
02	Oh SuSanna	06	KatyuSha
03	American patrol	07	Zmpromptu
04	Hawthorn	08	Toreador song

Appendix IV: Table of Panel Drum

Number	Name of Drum	Number	Name of Drum
01	Hi-Hat Closed	05	Bass Drum
02	Hi-Hat Open	06	Hand Clap
03	Low Tom	07	Hi-Hat Pedal
04	Snare	08	Slap Crash Cymbal

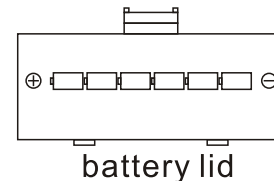
Preparation before Performance

1.Preparation of Batteries:

Open the lid of battery jar in the bottom of electronic organ and install six 1.5V Size D batteries. Be sure to install batteries in correct PN direction marked in the lid, and recover the lid.

● Too low cell due to long time usage may cause less volume and distorted tone, you should replace batteries immediately, otherwise the battery leakage would impair the electronic organ.

● Do not mix new batteries with old ones or different types of battery to avoid affecting normal usage.



2.Use of Power Adapter:

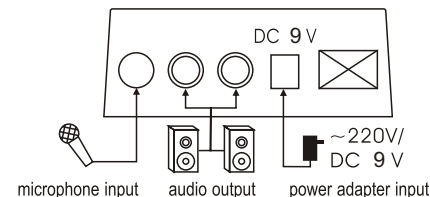
● A~220V/DC 9 V adapter is provided with this electronic organ. Connect DC 9 V plug in DC 9 V jack of the electronic organ and another plug in mains socket. Finally, turn on power switch to perform.

● When not using this electronic organ, please pull out the power adapter plug from mains socket, otherwise long-term energizing should cause part trouble or other accident.

3.Use of External Amplifier/Microphone:

You may sing with an electret condenser microphone while you perform the electronic organ.

Connecting stereo audio output with external amplifier will strengthen performance effect.



1. Adjustment of Volume:

This electronic organ has 16 levels of volume from 1 to 16 for your choice. The default level of volume is 12. Press Volume “+” and “-” key, volume will be increased or decreased accordingly. Press Volume “+” and “-” keys simultaneously, the volume will be restored to the default level automatically. Meanwhile you adjust volume, the accompanying volume will also be changed accordingly.

2. RhyVol:

The default RhyVol is 11. By pressing RhyVol “+” or “-” key, you may correspondingly increase or decrease RhyVol. 16 levels of RhyVol may be readjusted. Press RhyVol “+” and “-” keys simultaneously to restore the default RhyVol setting automatically.

3. Transpose function:

By pressing Transpose “+” or “-” key, you may increase or decrease half note when you perform with B/W keys, with ± 6 levels adjustable. Press Transpose “+” and “-” keys simultaneously to restore to its default note value of “00”.

4. Tempo:

The default tempo is 120. By pressing Tempo “+” or “-” key, you may correspondingly increase or decrease tempo. 32 levels of tempo may be readjusted. Press Tempo “+” and “-” keys simultaneously to restore the default tempo setting.

5. Select Voice:

This electronic organ has 100 voices for your choice. For detailed information, refer to Appendix I. The default status at startup is VOICE. If current status is not VOICE, you need to press VOICE key. Select VOICE can also be realized by pressing “+,-” keys. By pressing digits, LED will display corresponding VOICE code. Under VOICE status, press “+” or “-” key to select next or previous voice.

6. Select Rhythm:

This electronic organ has 100 rhythms for your choice. For detailed STYLE table, refer to Appendix II. Press STYLE key to select with digit keys or “+,-” keys. By pressing digits, LED will display corresponding STYLE code. After selecting STYLE, press START/STOP key to start STYLE and press STYLE key once more to exit STYLE function.



VOLUME



RHYVOL



TRANPOSE



TEMPO



No.	Name of Rhythm	No.	Name of Rhythm	No.	Name of Rhythm	No.	Name of Rhythm
00	RUMBA 1	25	SOUL 1	50	HOUSE 1	75	TECHNO
01	SAMBA	26	RAP	51	REGGAE 3	76	BALLAD
02	DISCO	27	TANGO 2	52	SOUL 2	77	DIXIE 1
03	TANGO 1	28	REGGAE2	53	POLKA 2	78	DISCO QUEEN
04	ROCK 1	29	RUMBA 2	54	HIP-HOP 1	79	ROCK 4
05	SWING	30	RAVE	55	16-BEAT 2	80	HOUSE 3
06	COUNTRY 1	31	COUNTRY 2	56	N.O.R&R	81	BLUES 2
07	WALTZ 1	32	BEAT 1	57	SLOWROCK 3	82	DANCE 3
08	BEGUINE	33	8-BEAT 1	58	8-BEAT 2	83	FUSNSHFL
09	LATIN	34	BARREL.HOUSE	59	PASODOB	84	8-BEAT 4
10	MARCH-POLKA	35	SLOWROCK 2	60	DANCE 2	85	DANCE 4
11	BOSSANOVA	36	TRIP HOP	61	WORDPOP	86	REGGAE 4
12	SALSA	37	OLDIEPOP	62	SLOWROCK 4	87	HAPPY LOVE
13	16-BEAT 1	38	ROCK2	63	8-BEAT 3	88	SKA
14	REGGAE 1	39	BIG BALLAD	64	QUICKSTP	89	CHACHA 2
15	MAMBO	40	MERENGUE	65	HIP-HOP 2	90	BROWN
16	8-BEAT	41	KERONCONG	66	MARCH 1	91	MARCH 2
17	CHACHA 1	42	GUARACHA	67	BLUES 1	92	16-BEAT 3
18	POPS	43	BIGBAND	68	CHARLESTON	93	CALIFORNIA
19	SLOWROCK 1	44	WALTZ 3	69	HOUSE 2	94	CUMBIA
20	WALTZ 2	45	ROCK 3	70	BAROQUE	95	BOLERO
21	DANCE1	46	PUNTA	71	NEW SAIDI	96	TEXMEX
22	LOUD FUSION	47	JAZZ	72	BOOGIE	97	ROCK 5
23	POLKA1	48	BEAT 2	73	DISCO BEAT	98	DIXIE 2
24	EURB	49	TRANCE	74	CANTALP	99	BOLERO

Appendix I .Table of Tone

No .	Name of Tone	No .	Name of Tone	No .	Name of Tone	No .	Name of Tone
00	PIANO	25	CLEAN GUITAR 1	50	ROCK ORGAN	75	ACCORDION
01	CLARINET	26	SOPRANO SAX1	51	PICCOLO 1	76	E-PIANO 1
02	VIBRAPHONE	27	DULCIMER	52	STEEL DRUMS	77	REED ORGAN 2
03	TRUMPET	28	STRINGS 1	53	TUBA	78	HARMONICS 1
04	BAN JO	29	RECORDER	54	HALO PAD	79	LOW TOM
05	FLUTE	30	ACOUSTIC GRAND PIANO	55	CLAVI	80	SOFT ACCORD
06	CHURCH ORGAN	31	ENGLISH HORN	56	FRETLESS BASS	81	SHAKHACHI
07	HARMONICA	32	SHANAI 2	57	KALIMBA	82	XIAO
08	JAZZ GUITAR	33	CLEAN GUITAR 2	58	CONTRABASS	83	HARP
09	SYNTHSTRS 1	34	ATMOSPHERE	59	NYLON GUITAR	84	E-PIANO 2
10	PIANO BRIGHT	35	VIOLA	60	PIANO ELEC 1	85	BASS LEAD 1
11	BRASS SYN	36	DRAWBAR ORGAN 2	61	PICCOLO 2	86	BASS LEAD 2
12	SYNTH BASS	37	DISTORTION GUITAR	62	SYNTHSTRS 2	87	BRASS SYN
13	LEAD SQUARE	38	STEEL GUITAR	63	PAD	88	BARITONE SAX
14	MARIMBA	39	SQUARE	64	FRENCH HORN	89	GUZHENG
15	CHORUSED PIANO	40	ALTO SAX	65	ELECTRIC GUITAR	90	CELESTA
16	ORCHES.HARP	41	ACOUSTIC BASS 2	66	FINGER BASS 1	91	XYLOPHONE
17	SAXOPHONE	42	SAWTOOTH	67	AGOGO 2	92	FINGER BASS 2
18	TANGO ACCORDIAN	43	OCARINA	68	BASSOON	93	REED ORGAN 3
19	STEEL DRUMS	44	AGOGO 1	69	FIFTHS	94	SLAP BASS 1
20	HONKY-TONKPIANO	45	MUSICBOX	70	TENOR SAX	95	HARMONICS 2
21	SHANAI 1	46	STRINGS 2	71	TINKLE BELL	96	PIANO ELEC 2
22	TROMBONE	47	OBOE	72	GLOCKENSPIEL	97	STR SYN 3
23	ACOUSTIC BASS 1	48	REED ORGAN 1	73	PIPA	98	SLAP BASS 2
24	DRAWBAR ORGAN 1	49	HARPSICHORD	74	PICK BASS	99	BASSOON

Performance and Operatio

7. Drum

Press the DRUM button and the keyboard will change to the percussion keyboard. Each button on the keyboard corresponds to a type of blow (61 black and white keys correspond to 61 keyboard percussion instruments). Press the DRUM button again to restore the original tone.



8. Panel Drums

This electronic organ has altogether 8 panel drums indicated by the symbol beneath corresponding key or you may refer to Appendix IV. By pressing PANEL DRUM button, you can hear a corresponding voice of drum. According to needs, performers can insert relevant panel drums to improve performance effect. insert relevant panel drums to improve performance effect.



9. Single Chord

Press SINGLE key to enter auto chord function of single chord, relevant LED will light up. After rhythm and Sync functions are initiated, apply different SINGLE in chord key area (1~19 keys) to produce correspondent chord accompaniment. Press SINGLE key once again to exit this function and correspondent LED will be off.

10. Finger Chord

Press FINGER key to enter auto chord function of finger chord, relevant LED will light up. After rhythm and Sync functions are initiated, apply different FINGER in chord key area (1~19 keys) to produce correspondent chord accompaniment. Press FINGER key once again to exit this function and correspondent LED will be off.



11. Low Chord

In the state of chord, press low CHORD button to change chord background timbre. This button is a toggle button containing four back chord ground timbres. Performer can select according to different needs.

12. Sync

Press SINGLE chord or FINGER chord keys, then SYNC key and finally B/W key. If keys belong to chord area (C2~F#3), key and rhythm as well as chord will be played in synchronization. If keys do not belong to chord area, this function can not be used.



13. Fill-in

Press FILL-IN key to insert 1-2 measures of drum fill in current rhythm and then restore to original rhythm. Only in rhythm status can this function be realized.

**14. Beat**

After pressing METRONOME button, you can hear ticking, and beat effect will be added to your performance. Press this button once again to stop metronome. Operation: play 1/4, 2/4 → stop → play 3/4 → stop → play 4/4 → stop → ... recycling. You may press TEMPO “+/-” button to speed up or lower down the rate according to your needs.

**15. Start/Stop**

Press START/STOP to start or stop rhythm. In any other function mode, you can press this key to exit that function.

**16. Sustain**

Press SUSTAIN key to start sustain function. Now the note of B/W key produces a sustain effect. Press SUSTAIN key once again to exit sustain function.

**17. Vibrato**

Press VIBRATO key to start vibrato function. Now performance with B/W keys produces vibrato effect. Press VIBRATO key once again to exit vibrato function.

18. Rec/Play/Prog

1. Press REC key to enter record status. Before recording, you should set tone, rhythm, tempo and auto chord in good order to minimize setting during record. The recorded quantity of note cannot exceed the maximum limit and drums are not recorded. In Recode mode, press PLAY key to replay recorded notes in sequence. In replay mode, tone may be swithed. Upon completion, press REC key to record again. In this mode keyboard transpose function will not work.

2. Press PROG key to enter rhythm program function. By pressing Panel Drum key, you can program correspondent drums in the organ. When the number of programs exceeds the maximum limit, PROG mode will be ended. Press a key in PROG mode to program an empty beat and replay the sound of deep. Press PLAY key to replay programmed drums in sequence and cycles and form a self-programmed rhythm. By readjusting tempo “+/-” key, you may reach the optimal performance effect. In replaying programmed rhythm, press PLAY or Start/Stop key to stop replaying.

**19. Split**

Press SPLIT button, LED digital tube display is SPL, the keyboard will be divided into two left and right keyboards, 24 keys on the left keyboard and the original keyboard Off, form a dual keyboard function keyboard. The right keyboard can be used to select other tones for the purpose of playing two different tones on the same keyboard. Press this button again to exit this function and the LED digital tube display is OFF.

**20. Dual voice**

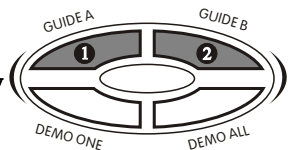
In normal status, Press DUAL VOICE button, the keyboard enters the dual voice model. That is: One notes is composed of two kinds of voice. The first kind of voice is the voice before you pressed the DUAL VOICE button, The second kind of voice is the selected voice after you pressed the DUAL VOICE.

**21. Guide**

Press GUIDE A or GUIDE B button to enter guide function. Then press white keys to Select songs for Guide Purpose. Press this button Press GUIDE A or GUIDE B button to enter guide function. Then press white keys to Select songs for Guide Purpose. Press this button once again to exit guide. In guide mode, panel drums cannot be used. After the song comes to the end, you may press white keys to select Press GUIDE A or GUIDE B button to enter guide function. Then press white keys to Select songs for Guide Purpose. Press this button songs again.

Guide A: when you press any key for guide purpose, whether correct or not, a correct melody note will be given and repeated accompaniment will be also given, that is One-Key-One-Note mode.

Guide B: when you press keys, melody note will be overcutained. If you do not press any key in three seconds, melody note will be restored for your guide.

**22. Demo one/Demo all**

Demo one: press DEMO ONE button, play the song. Repeat the current song after the song ends. The song can be switched by the DEMO ONE button.

Demo all: press DEMO ALL button, play the song. Play the next song after the song ends. The song can be switched by the DEMO ALL button.

