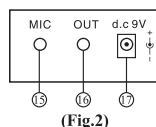
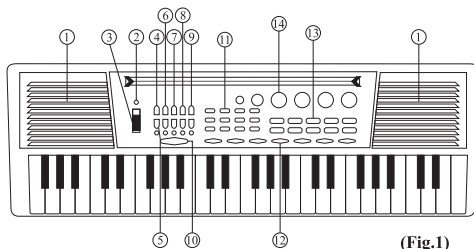


49 KEY ELECTRONIC KEYBOARD

OWNER'S MANUAL

I. Panel Controls(Fig.1)

- | | |
|----------------------------|-----------------------|
| ① Speakers | ⑨ Demonstration Songs |
| ② Stand-by Indicator | ⑩ Volume |
| ③ Power Switch | ⑪ Timbre Selection |
| ④ Reset | ⑫ Chord Buttons |
| ⑤ Stop | ⑬ Rhythm Button |
| ⑥ Tempo Speed Control | ⑭ Percussions |
| ⑦ Record / Playback Button | ⑮ Mic |
| ⑧ Rhythm Programming | ⑯ Out |
| | ⑰ DC 9V |



II. Before Playing

1. Installing Batteries

- (1) Open the battery compartment cover on the underside of the keyboard.
- (2) Insert six pieces of 1.5V "AA" size batteries. Pay attention to the direction of poles.
- (3) Securely replace the compartment cover.

Notes: If the battery voltage drops too low, the sound of MK-3A will become deteriorated or distorted. When this happens, instal a complet set of six new batteries. Better take out of the batteries if you do not play the instrument for a time so as to avoid damaging to MK-3A.

2. Using Microphone

Insert the plug of the electret microphone into the jack and you can enjoy self-playing and self-singing.

3. Using AC/DC Power Supply Adaptor

The AC/DC power supply adaptor must be the one designated for the instrument. Please connect one side of the power supply socket on the back-panel and the other to the city-power network (Please notice the input voltage should be the same as that of the power network.).

III. Playing and Operating

1. Melody and Percussion

- (1) Turn on the power Switch to "ON" position , set "VOLUME" button to an appropriate level then you can play.
When the instrument not to be played for three minutes, the instrument give out alarm signal to remind you of truning off the instrument.
- (2) Volume control:The volume of the melody and percussion output can be adjusted by pressing the "Volume-" or "Volume+" key. Press the middle level of the button and the volume is in the original status.
- (3) Touch "PERCUSSION" buttons and you can play all kinds of percussion sounds.

2. Demonstration Songs

- (1) Press "DEMO 1"button, the demonstration songs performed one by one. Press "DEMO 1" button again and the music would be stoped.
- (2) If you would like to keep a song on cycling-performance, press "DEMO 2" button to choose the songs.
- (3) When the songs playing, press the timbre keys can change the timbre of the song, press the "TEMPO" button and you can have 25 grades of tempo control.

3. Selection of Timbres

- (1) When you turn on the power supply, the electronic organ works as piano timbre. While playing, once you press one of the correlating buttons for "TIMBRE", the timbre will be changed.
- (2) In accordance with your desire, you can change the voice by pressing key for "VIBRATO" or key for "SUSTAIN" in the selection of timbres to exchange the performance effect.

4. Record and Playback

- (1) The system will enter the recording mode after the "RECORD" button is pressed. The notes of the pressed keys will all be recorded in the memory (the maximum number of the notes recordable is 42). Once the memory is full, recording stops.
- (2) Pressing the "PLAY" button play the stored notes once. After the "PLAY" button is pressed, the stored notes will start to play. If you would like to listen to it again, just press the "PLAY" button again. If you want to have a new recording, please repeat the above steps.

5. Rhythm Programming and Auto-Rhythms

- (1) After the rhythm programming button (PROG) is pressed, pressed button of percussion as desired will be stored in the RAM. The maximum number of the percussion tones to be store are 32. Once the contents of the RAM are full, the programming stops. Press "NULL-PLAY" button repeat playing the previously stored percussion tones. When you expect to re-progame, just press "PROG" button again.
- (2) Press one of the rhythm buttons with the rhythm automatically performed. If you want to change the rhythm, just press the other as desired. Press "STOP" button, the rhythm will be stopped.
- (3) Please press "RESET" key when the function of the instrument is confusion because of wrong operation.

6. Chord and Auto-bass-chord

- (1) To play a chord, press the "SINGLE" or "FINGER" button in the "CHORD" buttons you can choose "SINGLE" or "FINGER" for performance and key 1-19 at this time are accompanying keys. To cancel the function, press the "NORMAL" button.
- (2) Press "SINGLE" or "FINGER" in the "CHORD" button, and then press "SYNC" button to synchronize the chord to the rhythm that was previously selected by rhythm buttons. Finally press a key of 1-19 to start playing a chord. The system at this time will enter the auto-bass-chord.
- (3) When the chord is playing, the "CHORD" or "BASS" may be pressed to change not only the playing chord but also the chord timbre. Press the "FILL-IN" button to add a fill-in sound to the playing rhythm. To disable this function, press the "NORMAL" button.

7. Tempo

There are totally 25 speeds to be selected. Pressing the "FAST" key increase the speed while pressing the "SLOW" key reduces it until the maximum or minimum speed is reached. If "FAST" and "SLOW" button are pressed at the same time, the tempo will be in the original status.

IV. Caution

It is importance for the user to take the good maintenance to prolong the life of the electronic keyboard and cut down the faults. The attention should be paid to the following:

1. Do not expose the instrument to moist place lamblack and excessive dust.
2. Do not guake violently or crash into the instrument. Do not place heavy objects on the instrument.
3. Do not expose the instrument near to a heater or in a place of direct sunlight.
4. Any of acid or alkaline matters should be kept away from the electronic organ to avoid contact faults by circuit oxidation. Don't play the electronic organ in a strong corrosive environment to avoid the same the above.
5. Use the AC adaptor correctly, please removing the electric plug from an outlet when do not use the power which in the instrument.
 - To prevent fire or electric shock. Do not expose the AC adaptor in rain or moisture area.
 - The AC adaptor is for indoor use only.
 - Do not use the adaptor when plug or cord damaged.
 - The AC Adaptor is not intended for use by young children or infirm person without proper supervision.