

# FUNKEY

## Funkey 61 Deluxe



## Users manual

# Caution

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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

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### **AC/DC adapter:**

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

### **Do not open the casing of electronic keyboard:**

- Do not open the casing of electronic keyboard 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 keyboard:**

- Do not place the electronic **keyboard** 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 **keyboard** 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 **keyboard**, 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.

### **Caution in operation:**

- Do not perform 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

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- 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 interpretation.

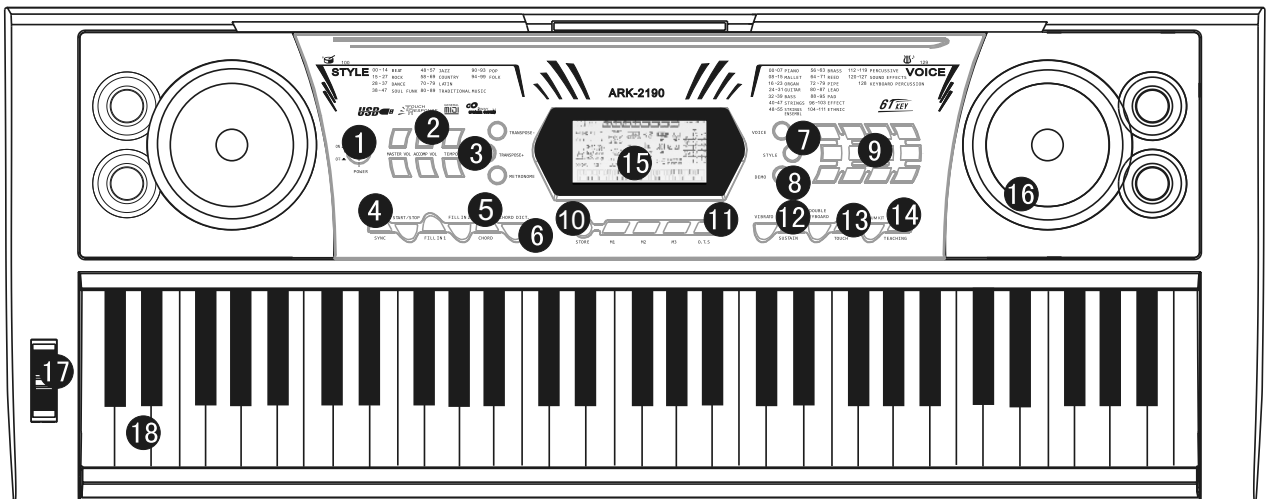
# Table of Contents

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|   |    |
|---|----|
| <b>I. Panel Control and External Function</b> ..... | 1  |
| 1. Panel control .....                              | 1  |
| 2. External function .....                          | 1  |
| <b>II. Preparation before performance</b> .....     | 1  |
| 1. Use AC/DC power adapter .....                    | 1  |
| 2. Use of batteries .....                           | 2  |
| <b>Fitting Jack</b> .....                           | 2  |
| 1. Use of headphone .....                           | 2  |
| 2. Pedal Function .....                             | 2  |
| 3. USB Function .....                               | 2  |
| 4. MIDI Function .....                              | 3  |
| <b>III. Basic Operation</b> .....                   | 3  |
| 1. Turn on power switch .....                       | 3  |
| 2. Adjustment of Volume .....                       | 3  |
| 3. Accompaniment volume Adjustment .....            | 3  |
| 4. Tempo .....                                      | 3  |
| 5. Transpose .....                                  | 4  |
| 6. Metronome .....                                  | 4  |
| <b>Sound Selection</b> .....                        | 4  |
| <b>Style selection and play</b> .....               | 4  |
| 1. Styly selection .....                            | 4  |
| 2. Style play .....                                 | 4  |
| 3. Sync .....                                       | 5  |
| 4. Fill-in .....                                    | 5  |
| 5. Chord .....                                      | 5  |
| 6. Chord Dictionary .....                           | 5  |
| <b>SOUND EFFECT</b> .....                           | 5  |
| 1. Sustain .....                                    | 5  |
| 2. Vibrato .....                                    | 6  |
| 3. Double keyboard .....                            | 6  |
| 4. Pitch bend .....                                 | 6  |
| 5. Touch .....                                      | 6  |
| 6. Drum kit .....                                   | 6  |
| DEMO Teaching .....                                 | 6  |
| Demo songs .....                                    | 7  |
| Memory bank .....                                   | 7  |
| Single key setting function .....                   | 7  |
| <b>Appendix I. Table of Voice</b> .....             | 8  |
| <b>Appendix II. Table of Style</b> .....            | 9  |
| <b>Appendix III. Table of Demo Song</b> .....       | 10 |
| <b>Appendix IV. Table of chord</b> .....            | 11 |
| <b>Appendix V. Technical Specifications</b> .....   | 12 |

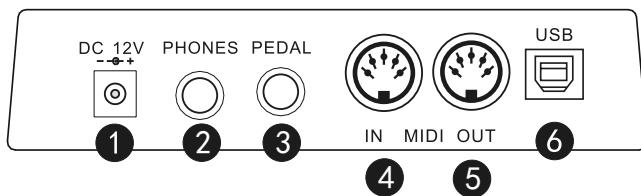
# Panel Control and External Function

## Panel Control



- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| ① Power                               | ⑩ Store/M1/M2/M3                  |
| ② Master vol/accomp vol/tempo         | ⑪ O.T.S                           |
| ③ Transpose+/transpose-/metronome     | ⑫ Vibrato/sustain/double keyboard |
| ④ Sync/start/stop/fill in 1/fill in 2 | ⑬ Touch/Drum kit                  |
| ⑤ Chord                               | ⑭ Teaching                        |
| ⑥ Chord DICT.                         | ⑮ LCD                             |
| ⑦ Voice/style                         | ⑯ Loud speaker                    |
| ⑧ Demo                                | ⑰ Pitch bend                      |
| ⑨ Numeric keypad 0~9/+, -button       | ⑱ Keyboard                        |

## External function

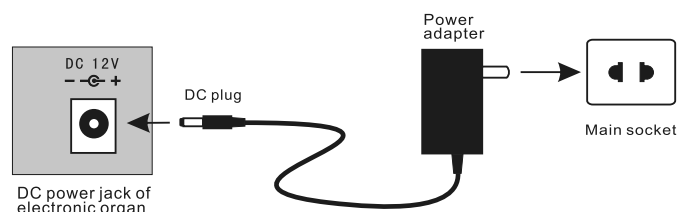


- |                      |
|----------------------|
| ① DC12V power jack   |
| ② Headphone jack     |
| ③ Sustain pedal jack |
| ④ MIDI IN jack       |
| ⑤ MIDI OUT jack      |
| ⑥ USB jack           |

## Preparation before performance

### 1. Use AC/DC power adapter:

Please use the special AC/DC power adapter provided with this electronic keyboard or the power adapter with DC 12V voltage and 500mA out current and with central anode. Connect the DC plug of power adapter into the DC12V power socket in the rear of electronic organ. then connect the other end into main socket (see that the input voltage of power adapter conform to the voltage of electric supply), finally turn on power switch and start performance.

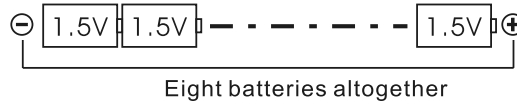


# Preparation before performance

**Caution:** When you do not use this electronic keyboard 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 longterm charging.

## 2. Use of Batteries

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

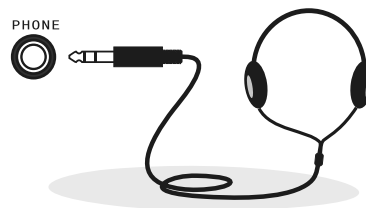


**Caution:** Do not use batteries of different kinds and mix new and old batteries. Low batteries will cause low volume or poor timbre and replace batteries at that time. To avoid possible damage caused by battery liquid leakage, please take out batteries if you will not use the electronic keyboard for a long term.

## Fitting Jack

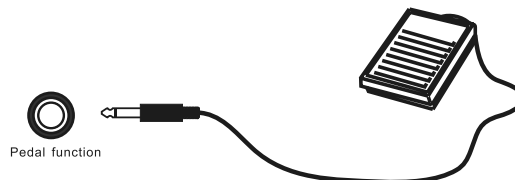
### 1. Use of headphone:

Connect headphone plug into "HEADPHONE" jack in the rear of electronic keyboard. now the internal speakers are automatically switched off. Use of headphone in performedoes not interfere with anybody else, suiting personal monitor and exercising at night.



### 2. Pedal function

When using pedal to perform, it can keep elegant and prolonging sound effect even after fingers leaving the keys.

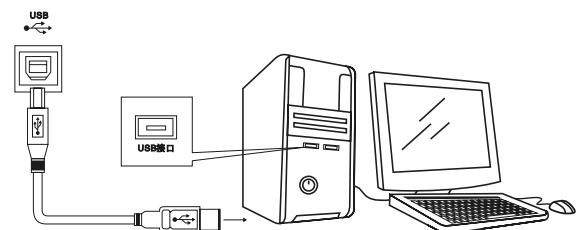


### 3. USB function

Take one end of USB cable to connect with computer USB jack, other end to connect with electronic keyboard USB jack then the performing data of electronic keyboard can be transmitted to the computer or computer music file data can be transmitted to electronic keyboard.

To use of USB data transmission function, consumer need to complete following operation:

1. make use of standard USB cable to connect with computer USB jack and electronic keyboard USB jack.
2. Install related USB MIDI music software in computer.



**Caution:** These external facilities do not include in this keyboard unit, consumer have to buy it respectively

# Preparation before performance

## 4. Jack of MIDI IN/OUT:

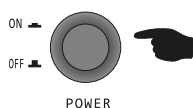
1. MIDI IN: By linking MIDI tie line, you may connect MIDI-IN jack to another MIDI-compatible device to receive MIDI data from external MIDI device.

2. MIDI OUT: 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

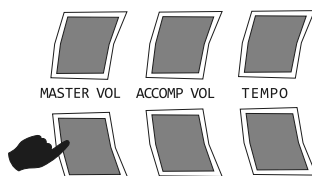
### 1. Turn on power switch:

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



### 2. Adjustment of Volume:

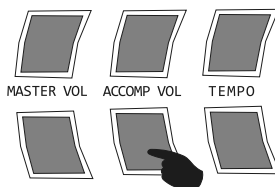
This electronic keyboard has 32 levels "VOLUME", from 00 to 31 for your choice. The default value of the master volume is 31, press [MASTER VOLUME] +/- button, the master volume has the corresponding increase or decrease. The LCD volume displaying has the corresponding change as well. If you press the [MASTER VOLUME] +/- button at the same time. The volume will recover to the default value automatically.



### 3. Accompaniment Volume Adjustment:

The default "ACCOMPANIMENT VOLUME" is 28 and can be adjusted by pressing volume +/- buttons. During adjustment, LCD gives correspondent display. Accompaniment volume can be adjusted within the scope of 00 to 31.

Press volume +/- buttons simultaneously to restore default setting of accompaniment volume automatically.



### 4. Tempo

1. Press "Tempo" +/- buttons to adjust the playing tempo of rhythm in the scope of 40-240.

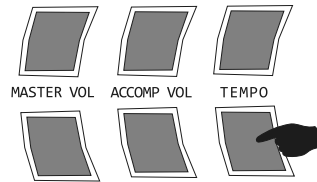
2. Press and hold the "Tempo" +/- buttons to have a continuous tempo adjustment.

3. Press "Tempo" +/- at the same time to restore to the default value.

4. Choose the style when style stop, tempo is automatically set to be the preset value for current style.

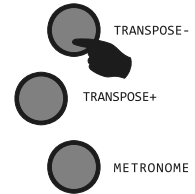
If switch to new style while style is playing, tempo will not return to preset value.

# III. Basic Operation



## 5. Transpose

Press "TRANPOSE" + or - button you can lift or lower the pitch of the electronic keyboard and all together  $\pm 6$  levels, press transpose + and - keys Simultaneously to restore the default value "00" automatically. Please note, in the mode of demo song, the function is invalid.



## 6. Metronome

1. press [metronome], metronome will play as per current tempo. it has 3 kind of beats via pressing +/- button to adjust. default beat is 04, and beat symbol in LCD will flicker in turn, the tempo of the metronome can be adjusted, press [Metronome] to close metronome function.

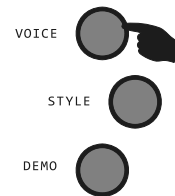
2. When the style is playing, start [metronome], the beats of the metronome will follow current style beats

## Sound selection

It total has 129 kind of voice, including 7 group folk music, 1 group of drum kit

1. the default voice number is 00, LCD display VOICE1, press [+]/[-] or numerical button to chose the voice you need.

2. you can input the number of the voice you need via directly pressing [0]-[9]; or directly press [+]/[-] button for cycle selection, press and hold button will increase or reduce sequence number



## STYLE SELECTION AND PLAY

### 1. Style selection

1. The default value of the style is 00, press [Style] button to enter to style state, its symbol in LCD will light up and display its sequence number. press [0]-[9] button to input the style sequence number you need; or press [+]/[-] button for cycle choice, press and hold the button will increase or reduce sequence number.

2. when start the style, you can select a new style at any time, its symbol will display in LCD right away. if change the style at first beat, it will respond the new style; if change at other beat, new style will respond at next beat; new style will play at the tempo of original style.

3. 90-99 is piano style, start piano style and press chord again, press left 19 keys of keyboard to start piano chord accompaniment.

### 2. Style play

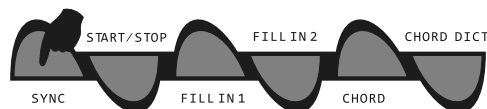
Press [start/stop] button to play drum section of style right away; if the chord in open mode, you will hear other voice part of auto accompaniment when press valid chord after style playing such as bass, string music, broken chord .etc.



# III. Basic Operation

## 3. Sync

Press "SYNC" button to start sync accompaniment function. If in the mode of chord closed, It can play any key to start the style accompaniment. If in the mode of chord open, only press any key of 19 keys in left hand (the available auto bass chord area) to start auto chord accompaniment synchronously.



## 4. Fill-in:

You may press "FILL-IN 1" or "FILL-IN 2" button to insert a fill-in during rhythm play to enhance the performance of effect, then restore to normal rhythm.

Press [start/stop] button to stop rhythm play during FILL-IN performance.

## 5. Chord:

1. press "CHORD" button to enter into "CHORD" mode and auto chord function open. LCD will display its symbol. press chord button again to exit chord function, state of symbol extinguish.

2. if play with auto accompaniment function when chord function stop, you just hear accompaniment section, if play with auto accompaniment function when in the status of chord function open, and after you press valid chord, you will hear new chord already replaced by the previous chord.

3. Apply single chord and finger chord of multiplex chord mode, all that conform to the fingered chord performance method, the keyboard will respond fingered chord. all that unconform to the fingered chord performance method will respond by single chord (see appendix table: chord type)

## 6. Chord dictionary

1. press chord dictionary button to enter chord dictionary mode, LCD display "DICT", the keyboard in right hand areas can define chord root and chord type (default chord is major chord). when user chose corresponding chord root and chord type, keyboard in LCD will display accordingly, user can play the chord at left hand area as per LCD display.

2. press "chord Dictionary" again to exit chord status, pls see appendix picture for corresponding chord type and root.

3. Explanation: play right hand area keys to define chord root and chord type, keyboard will not emit. Play right chord at left area will emit a sound of hand clap which means it correctly.

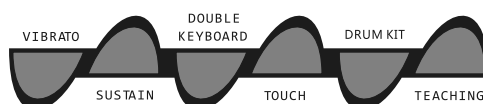
Play wrong chord will emit bass sound of corresponding key. chord that exceed split point will not display will not emit sound.

## SOUND EFFECT

### 1. Sustain

1. the default setting of keyboard is closed

2. Press "sustain" button to switch sustain function on/off, sustain symbol in LCD will light on or off

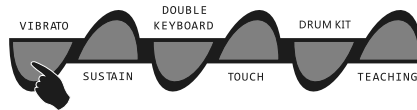




# III. Basic Operation

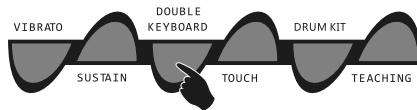
## 2. Vibrato :

Press "VIBRATO" button to start vibrato function. Now performance with B/W keys automatically produce vibrato effect, Press "VIBRATO" button once again to exit the function.



## 3. Double keyboard

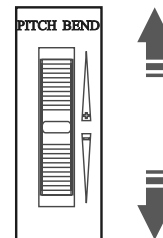
Press "double keyboard" button to enter "double keyboard" function. it split into two separated keyboard start from the 24th key in the left, You can adjust the voice in right keyboard by pressing the numerical 0-9 button. press "double keyboard" button again to exit the function.



## 4. Pitch Bend

When you push "PITCH BEND" wheel during performance, the note emitted from keyboard will produce an effect of pitch bend. the pitch variation range is + 2 semitones.

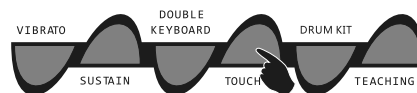
By pushing the wheel upwards to make note higher, and downwards to make note lower. Loosen the wheel to restore original standard tone.



## 5. Touch

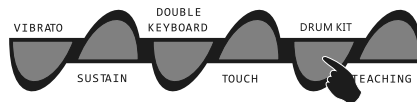
This electronic keyboard is touch keyboard. At startup, touch function will be started automatically. Press "TOUCH" key to cancel touch function and keyboard touch will disappear. Press "TOUCH" key once again to restart touch function.

LCD has it corresponding display symbol for "touch" and without touch.



## 6. DRUM KIT

Press [DRUM KIT] the whole keyboard keys turn to drum kits, each note corresponding to one drum kit (total 61 key drum kits) press [DRUM KIT] again to return to previous sound



## DEMO TEACHING

### Teaching mode

1. Press [start/stop] button when in the mode of demo, then press [teaching] to choose function of TEACHING1, TEACHING2, TEACHING3 in cycle or exit teaching function. LCD will display corresponding symbol of the teaching based on different choice, press [start/stop] button to start learning, press [demo] button to exit teaching

2. Teaching 1: aim at learning demo song, no requirement with the pitch correctness demo song play accompaniment section and main melody will be displayed in LCD stave and keyboard area. when user play main melody, it will score for right duration played, and keyboard will emit corresponding sound.

# III. Basic Operation

## 3. Teaching2:

Aim at learning the demo song's main melody pitch, you can learn as per keys display in LCD keyboard, if play the right note, demo will go ahead playing, otherwise, demo song will be in the state of waiting .

## 4. Teaching3:

Aim at having a comprehensive learning of demo song's duration and main melody .when demo song play accompaniment section , notation and keyboard area in LCD will display main melody, users will not score until play the right pitch and duration .

Evaluating function: all teaching1, teaching2, teaching3 have the 4 grades of evaluating function . when you finish playing, the evaluation function will reduce scores for wrong or missed performance and playing correspondingly sound effect as per your performance level

The First grade: 80-100 scores, play "excellent" effect sound .

The second grade: 60-79 scores ,play" very good "effect sound.

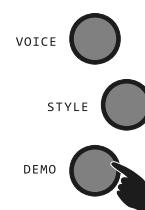
The third grade: 30-59 scores, play " good" effect sound.

The fourth grade: less than 30 scores, play "ok" effect sound.

After finishing evaluating function ,It will automatically restart playing current song and keep the previous learning mode

## Demo song

1. It total has 80 demo songs from 00-79, each demo has the function of learning
2. Press demo songs , chose the song by pressing [+][-] button or numerical button
3. the LCD display songs sequence number, current song begin to play in big cycle of 80 demos. press [start/stop] button to stop playing but do not exit song state.
4. play and stop of small cycle of demo song. when big cycle of demos' play stop, press [start/stop] button again to cycle the playing of current song, press again to stop playing but do not exit the song state. to once again enter big cycle of demo songs playing, It must again press the [demo song] to exit song state, then go into song state for the preparation of teaching.



## Memory bank

1. It has 3 memory bank (M1-M3) which can store and recall 3 groups of function state and can use flexibly at any times.
2. Press and hold [store] button and press M1 (or M2-M3) simultaneously, it can store current voice, styles, tempo, accompaniment volume, sustain on/off, value of transpose, value of metronome and chord in M1, M2, M3. When performance , just press any memory bank to invoke content of the memory bank .



## O.T.S [Single key setting function]

1. O.T.S function can automatically chose sound that fit for current style, each style has 3 sets of C sound.

2. In the mode of O.T.S , corresponding symbol in LCD and M1 symbol light simultaneously , at this time , press [M1]-[M3] button to call out 3 groups of sound under current style preseting . Corresponding symbol in LCD light up to automatically enter to O.T.S function.

3. press [O.T.S ], relevant Memory bank symbol extinguish.

# Appendix I. Table of Voice

| NO. | NAME OF VOICE           | NO. | NAME OF VOICE        | NO. | NAME OF VOICE          | NO. | NAME OF VOICE     |
|-----|-------------------------|-----|----------------------|-----|------------------------|-----|-------------------|
| 00  | Acoustic Grand Piano    | 34  | Electric Bass (pick) | 68  | Oboe                   | 102 | FX 7 (echoes)     |
| 01  | Bright Acoustic Piano   | 35  | Fretless Bass        | 69  | English Horn           | 103 | FX 8 (sci-fi)     |
| 02  | Electric Grand Piano    | 36  | Slap Bass 1          | 70  | Bassoon                | 104 | Sitar             |
| 03  | Honky-tonk Piano        | 37  | Slap Bass 2          | 71  | Clarinet               | 105 | Banjo             |
| 04  | Rhodes Piano            | 38  | Synth Bass 1         | 72  | Piccolo                | 106 | Shamisen          |
| 05  | Chorused Piano          | 39  | Synth Bass 2         | 73  | Flute                  | 107 | Koto              |
| 06  | Harpsichord             | 40  | Violin               | 74  | Recorder               | 108 | Kalimba           |
| 07  | Clavichord              | 41  | Viola                | 75  | Pan Flute              | 109 | Bagpipe           |
| 08  | Celesta                 | 42  | Cello                | 76  | Bottle Blow            | 110 | Fiddle            |
| 09  | Glockenspiel            | 43  | Contrabass           | 77  | Shakuhachi             | 111 | Shanai            |
| 10  | Music box               | 44  | Tremolo Strings      | 78  | Whistle                | 112 | Tinkle Bell       |
| 11  | Vibraphone              | 45  | Pizzicato Strings    | 79  | Ocarina                | 113 | Agogo             |
| 12  | Marimba                 | 46  | Orchestral Harp      | 80  | Lead 1 (square)        | 114 | Steel Drums       |
| 13  | Xylophone               | 47  | Timpani              | 81  | Lead 2 (sawtooth)      | 115 | Woodblock         |
| 14  | Tubular Bells           | 48  | String Ensemble 1    | 82  | Lead 3 (calliope lead) | 116 | Taiko Drum        |
| 15  | Dulcimer                | 49  | String Ensemble 2    | 83  | Lead 4 (chiff lead)    | 117 | Melodic Tom       |
| 16  | Hammond Organ           | 50  | Synth Strings 1      | 84  | Lead 5 (charang)       | 118 | Synth Drum        |
| 17  | Percussive Organ        | 51  | Synth Strings 2      | 85  | Lead 6 (voice)         | 119 | Reverse Cymbal    |
| 18  | Rock Organ              | 52  | Choir Aahs           | 86  | Lead 7 (fifths)        | 120 | Guitar Fret Noise |
| 19  | Church Organ            | 53  | Voice Oohs           | 87  | Lead 8 (bass+lead)     | 121 | FX1               |
| 20  | Reed Organ              | 54  | Synth Voice          | 88  | Pad 1 (new age)        | 122 | FX2               |
| 21  | Accordion               | 55  | Orchestra Hit        | 89  | Pad 2 (warm)           | 123 | FX3               |
| 22  | Harmonica               | 56  | Trumpet              | 90  | Pad 3 (polysynth)      | 124 | FX4               |
| 23  | Tango Accordion         | 57  | Trombone             | 91  | Pad 4 (choir)          | 125 | FX5               |
| 24  | Acoustic Guitar (nylon) | 58  | Tuba                 | 92  | Pad 5 (bowed)          | 126 | FX6               |
| 25  | Acoustic Guitar (steel) | 59  | Muted Trumpet        | 93  | Pad 6 (metallic)       | 127 | FX7               |
| 26  | Electric Guitar (jazz)  | 60  | French Horn          | 94  | Pad 7 (halo)           | 128 | Standard kit      |
| 27  | Electric Guitar (clean) | 61  | Brass Section        | 95  | Pad 8 (sweep)          |     |                   |
| 28  | Electric Guitar (muted) | 62  | Synth Brass 1        | 96  | FX 1 (rain)            |     |                   |
| 29  | Overdriven Guitar       | 63  | Synth Brass 2        | 97  | FX 2 (soundtrack)      |     |                   |
| 30  | Distortion Guitar       | 64  | Soprano Sax          | 98  | FX 3 (crystal)         |     |                   |
| 31  | Guitar Harmonics        | 65  | Alto Sax             | 99  | FX 4 (atmosphere)      |     |                   |
| 32  | Acoustic Bass           | 66  | Tenor Sax            | 100 | FX 5 (brightness)      |     |                   |
| 33  | Electric Bass(finger)   | 67  | Baritone Sax         | 101 | FX 6 (goblins)         |     |                   |

# Appendix II. Table of Style

| NO. | NAME OF STYLE   | NO. | NAME OF STYLE   | NO. | NAME OF STYLE      | NO. | NAME OF STYLE |
|-----|-----------------|-----|-----------------|-----|--------------------|-----|---------------|
|     | BEAT            | 32  | House 1         | 64  | Country Waltz      | 96  | Twist         |
| 00  | 8 beat 1        | 33  | House 2         | 65  | Country Shuffle    | 97  | March         |
| 01  | 8 beat 2        | 34  | Rap             | 66  | Country Boogie     | 98  | 6/8 March     |
| 02  | 8 beat 3        | 35  | Euro Beat       | 67  | Country Blues      | 99  | Waltz         |
| 03  | 8 beat 4        | 36  | Hip Hop         | 68  | Country Quick Step |     |               |
| 04  | 60s 8 beat      | 37  | Techno          | 69  | Bluegrass          |     |               |
| 05  | 8 beat Ballad   |     | SOUL&FUNK       |     | LATIN              |     |               |
| 06  | 8 beat Rock     | 38  | Funky Pop       | 70  | Bossa Nova 1       |     |               |
| 07  | 16 beat 1       | 39  | Jazz Funk       | 71  | Bossa Nova 2       |     |               |
| 08  | 16 beat 2       | 40  | Cool Funky      | 72  | Rhumba             |     |               |
| 09  | 16 beat Pop     | 41  | Soul 1          | 73  | Pop Rhumba         |     |               |
| 10  | 16 beat Shuffle | 42  | Soul 2          | 74  | Cha Cha            |     |               |
| 11  | Ballad          | 43  | Soul Shuffle    | 75  | Pop Cha Cha        |     |               |
| 12  | Slow Ballad     | 44  | Soul Blues      | 76  | Tango              |     |               |
| 13  | 16 beat Ballad  | 45  | R&B             | 77  | Jazz Samba         |     |               |
| 14  | Unplugged       | 46  | 6/8 Gospel      | 78  | Reggae             |     |               |
|     | Rock            | 47  | Pop Groove      | 79  | Pop Reggae         |     |               |
| 15  | Rock            |     | Jazz            |     | TRADITIONAL        |     |               |
| 16  | Pop Rock        | 48  | Swing           | 80  | March 1            |     |               |
| 17  | Fast Rock       | 49  | Cool Jazz       | 81  | March 2            |     |               |
| 18  | Slow Rock 1     | 50  | Pop Swing       | 82  | German March       |     |               |
| 19  | Slow Rock 2     | 51  | Swing Fox       | 83  | 6/8 March          |     |               |
| 20  | Rock & Roll     | 52  | Big Band        | 84  | Polka              |     |               |
| 21  | Heavy Metal     | 53  | Big Band Meduim | 85  | Pop Polka          |     |               |
| 22  | Blues Boogie    | 54  | Jazz Waltz      | 86  | Waltz              |     |               |
| 23  | Blues           | 55  | Ragtime         | 87  | Slow Waltz         |     |               |
| 24  | Shuffle         | 56  | Dixeland        | 88  | Vienna Waltz       |     |               |
| 25  | Blues Shuffle   | 57  | Quick Step      | 89  | Musette            |     |               |
| 26  | Rock Shuffle    |     | COUNTRY         |     | PIANO              |     |               |
| 27  | Charlston       | 58  | Country 1       | 90  | 8 beat             |     |               |
|     | DANCE           | 59  | Country 2       | 91  | Ballad             |     |               |
| 28  | Disco 1         | 60  | Pop Country     | 92  | Boogie             |     |               |
| 29  | Disco 2         | 61  | Country Rock    | 93  | Jazz               |     |               |
| 30  | Disco Funk      | 62  | Country Folk    | 94  | Swing              |     |               |
| 31  | Dance           | 63  | 3/4 Country     | 95  | Jazz Walta         |     |               |

## Appendix III. Table of Demo Song

| NO. | CODE OF SONG                     | NO. | CODE OF SONG                  | NO. | CODE OF SONG              |
|-----|----------------------------------|-----|-------------------------------|-----|---------------------------|
|     | Favorite                         | 33  | Waltz Of Starlight            | 65  | FourSwan                  |
| 00  | Heipenposlein                    | 34  | Home On The Range             | 66  | Did You Ever See a Lassie |
| 01  | Nocturne                         | 35  | The Blue-Bells Of Scotland    | 67  | Spring                    |
| 02  | In The Rain                      | 36  | Annie Laurie                  | 68  | Impromptu                 |
| 03  | Dance De Mirlitons               | 37  | Trumpet                       | 69  | Gavotte                   |
| 04  | Air On The G-String              | 38  | Country                       | 70  | Nocturne                  |
| 05  | Canon                            | 39  | Jambalaya                     | 71  | Pizzicato Polka           |
| 06  | The Red Sarafan                  | 40  | Bridge                        | 72  | Musical Moments           |
| 07  | The Light                        | 41  | Sippin'Cider Through A Straw  | 73  | Reggae                    |
| 08  | The Old Gray Mare                |     | JAZZ & FUSION                 | 74  | All Kind Of My Everything |
| 09  | The Entertainer                  | 42  | June Samba                    | 75  | Valse No.6 "Petit Chien"  |
| 10  | Lover' s Concerto                | 43  | Guitar&Saxphone               | 76  | Rondeau                   |
| 11  | American Patrol                  | 44  | The Hip Hop's Night           | 77  | Chrysanf                  |
| 12  | Chant sans paroles               | 45  | Blue Lunch                    | 78  | Invention a 2 Voix        |
| 13  | Old Folks At Home                | 46  | Cobweb                        | 79  | Jesus, Saviour Pilot me   |
| 14  | Rondo                            | 47  | Wine                          |     |                           |
| 15  | Water Music                      | 48  | Jazz Old Man                  |     |                           |
| 16  | Sonata                           | 49  | Carlos                        |     |                           |
| 17  | o Sole Mio                       |     | Christmas                     |     |                           |
| 18  | Allegro In bB                    | 50  | Ave Maria                     |     |                           |
| 19  | Beautiful Dreamer                | 51  | Joy To The World              |     |                           |
| 20  | It'S Been A Long, Long Time      | 52  | Santa Claus Is Coming To Town |     |                           |
| 21  | Five Hundred Miles               | 53  | Silent Night                  |     |                           |
| 22  | Jeanie With The Light Brown Hair | 54  | Amazing Grace                 |     |                           |
| 23  | Summer Palace                    | 55  | Susanna                       |     |                           |
| 24  | Love Is Blue                     | 56  | Battle Hymne Of The Republic  |     |                           |
|     | FOLK & COUNTRY                   | 57  | Carry Me Back To Old Virginny |     |                           |
| 25  | Danny Boy                        | 58  | Turkey In The Straw           |     |                           |
| 26  | My Bonnie                        | 59  | Dark Eyes                     |     |                           |
| 27  | Skip To My Side                  |     | PIANO                         |     |                           |
| 28  | Katyusha                         | 60  | Fur Elise                     |     |                           |
| 29  | Red River Valley                 | 61  | Bagatelle No. 3               |     |                           |
| 30  | The Sideway                      | 62  | Moseta Dance                  |     |                           |
| 31  | Dance Of Russia                  | 63  | Prelude in G                  |     |                           |
| 32  | House Of Rising Sun              | 64  | Turkish Rondo                 |     |                           |

## Appendix IV. Table of Chord

| NO. | Chord Name/[Abbreviation]             | Normal Voicing                 | Chord(C) | Display |
|-----|---------------------------------------|--------------------------------|----------|---------|
| 0   | Major[M]                              | 1-3-5                          | C        | C       |
| 1   | Major sixth [6]                       | 1-(3)-5-6                      | C6       | C6      |
| 2   | Major seventh[M7]                     | 1-(3)-5-7                      | CM7      | CM7     |
| 3   | Major add ninth[Madd9]                | 1-2-3-5                        | Cmadd9   | Cmadd9  |
| 4   | Augmented [aug]                       | 1-3-#5                         | Cadd9    | Cadd9   |
| 5   | Minor [m]                             | 1-b3-5                         | Cm       | Cm      |
| 6   | Minor sixth[m6]                       | 1-b3-5-6                       | Cm6      | Cm6     |
| 7   | Minor seventh[m7]                     | 1-b3-(5)-b7                    | Cm7      | Cm7     |
| 8   | Minor seventh flatted fifth<br>[m7b5] | 1-b3-b5-b7                     | Cm7b5    | Cm7b5   |
| 9   | Minor major ninth[mM7]                | 1-b3-(5)-7                     | CmM7     | CmM7    |
| 10  | Diminished[dim]                       | 1-b3-b5                        | Cdim     | Cdim    |
| 11  | Diminished seventh [dim7]             | 1-b3-b5-6                      | Cdim7    | Cdim7   |
| 12  | Seventh [7]                           | 1-3-(5)-b7                     | C7       | C7      |
| 13  | Seventh suspended fourth [7sus4]      | 1-4-5-b7                       | C7sus4   | C7sus4  |
| 14  | Seventh thirteenth[7 13]              | 1- 3-(5)-6-b7 or<br>2-3-5-6-b7 | C7 13    | C7 13   |
| 15  | Suspended fourth [sus4]               | 1-4-5                          | Csus4    | Csus4   |

## Appendix V. Technical Specifications

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### ■ Standard

- GB/T12105-1998 GB 8898-2001 GB13837-2003 GB17625. 1-2003
- 

### ■ Display

- LCD display
- 

### ■ Voice

- 129 Voice
- 

### ■ Style

- 100 selected auto accompaniments, 90-99 are the piano accompaniments
- 

### ■ Demo song

- 80 demo songs, each demo have the function of learning .
- 

### ■ Effect control

- Touch, Sustain, Vibrato, Transpose, Pitch Bend , Tempo , Percussion, Metronome, Double Keyboard
- 

### ■ Record

- STORE , M1, M2, M3, O.T.S
- 

### ■ Teaching

- 3 kind of Learning mode, can score the practice results , facilitate you learning and practice .
- 

### ■ Accompaniment control

- Start/Stop, Sync, Fill-in1, Fill-in2,
- 

### ■ Chord control

- Chord, Chord DICT.
- 

### ■ Other controls

- Master Volume, Accompaniment volume, Tempo
- 

### ■ External port

- DC 12V power jack, Head phone, PEDAL, MIDI IN/OUT, USB
- 

### ■ Diapason

- C2~C7
- 

### ■ Accuracy in musical tuning

- $\leq 3$ cent
- 

### ■ Specifications

- 990X420X180(mm)
- 

### ■ Weight

- 5.5Kg
- 

### ■ DC input

- DC12V
- 

### ■ Output power

- 6W×2
- 

### ■ Quiescent current

- 200mA
- 

### ■ Parts provided with electronic organ

- AC/DC adapter, music stand and Operation Instructions
-



## KH-10

**VORSICHTSMASSNAHMEN (BITTE SORGFÄLTIG DURCHLESEN).** Kinder sollten beaufsichtigt werden, um sicherzustellen, dass sie dieses Produkt nicht als Spielzeug verwenden. Lassen Sie Kinder niemals unbeaufsichtigt mit dem Verpackungsmaterial spielen. Warnhinweise: Lesen Sie diese Anweisungen und bewahren Sie diese Anleitung auf. Verwenden Sie dieses Gerät nicht im Wasser. Vorsichtsmaßnahmen: Um Schäden am Produkt zu vermeiden, bringen Sie es nicht an Plätze mit hohen Temperaturen oder viel Staub, sehr niedriger oder hoher Luftfeuchtigkeit, legen Sie es nicht direkt neben eine Klimaanlage und vermeiden Sie direkte Sonneneinstrahlung. Wenden Sie im Umgang mit dem Produkt keinerlei Gewalt an. Ort: Setzen Sie das Produkt nicht den folgenden Bedingungen aus, um Verformungen, Verfärbungen oder größere Schäden zu vermeiden: Direktes Sonnenlicht, extreme Temperatur oder Luftfeuchtigkeit, übermäßig staubiger oder schmutziger Ort. Reinigung: Reinigen Sie das Produkt nur mit einem weichen, trockenen Tuch. Verwenden Sie keine Farbverdünner, Lösungsmittel, Reinigungsflüssigkeiten oder chemisch imprägnierte Wischtücher. Technische Änderungen und Änderungen im Erscheinungsbild sind vorbehalten. Alle Angaben entsprechen dem Stand bei Drucklegung. Für die Richtigkeit und Vollständigkeit der enthaltenen Beschreibungen, Abbildungen und Angaben übernimmt Musikhaus Kirstein GmbH keinerlei Gewähr. Abgebildete Farben und Spezifikationen können geringfügig vom Produkt abweichen. Musikhaus Kirstein GmbH - Produkte sind nur über autorisierte Händler erhältlich. Distributoren und Händler sind keine Handlungsbevollmächtigten von Musikhaus Kirstein GmbH und haben keinerlei Befugnis, die Musikhaus Kirstein GmbH in irgendeiner Weise, sei es ausdrücklich oder durch schlüssiges Handeln, rechtlich zu binden. Diese Bedienungsanleitung ist urheberrechtlich geschützt. Jede Vervielfältigung, bzw. jeder Nachdruck, auch auszugsweise, und jede Wiedergabe der Abbildungen, auch in verändertem Zustand, ist nur mit schriftlicher Zustimmung der Firma Musikhaus Kirstein GmbH gestattet.

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**WARTUNG:** Ihr Gerät erfordert keine besondere Wartung. Wenden Sie sich im Falle einer Fehlfunktion an ein zugelassenes Servicecenter oder direkt an den Hersteller.

**REINIGUNG:** Verwenden Sie zur Reinigung ein fusselfreies, trockenes oder nur leicht angefeuchtetes Tuch.

**TECHNISCHE DATEN:** System: dynamischer Kopfhörer Stereo, Nennimpedanz: 32Ohm +/- 10%, Frequenzbereich: 20-20000Hz, Empfindlichkeit: 103dB S.P.L. bei 1kHz +/- 2%

**WEEE-Erklärung (Waste of Electrical and Electronic Equipment)** Ihr Produkt wurde unter Verwendung hochwertiger Materialien und Komponenten entwickelt und hergestellt, die recycelbar und wiederverwendbar sind. Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Lebensdauer vom Hausmüll getrennt entsorgt werden müssen. Bitte entsorgen Sie dieses Gerät bei Ihrer örtlichen kommunalen Sammelstelle oder im Recycling-Center. Bitte helfen Sie mit, die Umwelt zu schützen, in der wir alle leben.



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## KH-10

**PRECAUTIONS (PLEASE READ CAREFULLY).** Children should be supervised to ensure that they do not use this product as a toy. Never allow children to play with the packaging material unsupervised. Warnings: Read these instructions and keep these instructions in a safe place. Do not use this appliance in water. Precautions: To avoid damage to the product, do not place it in places with high temperatures or a lot of dust, very low or high humidity, do not place it directly next to an air conditioner and avoid direct sunlight. Do not use force when handling the product. Location: Do not expose the product to the following conditions to avoid deformation, discoloration or major damage: Direct sunlight, extreme temperature or humidity, excessively dusty or dirty place. Cleaning: Only clean the product with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids or chemically impregnated wiping cloths. We reserve the right to make technical changes and changes in appearance. All information is correct at the time of printing. Musikhaus Kirstein GmbH accepts no liability for the accuracy and completeness of the descriptions, illustrations and information contained herein. Colors and specifications shown may differ slightly from the product. Musikhaus Kirstein GmbH products are only available through authorized dealers. Distributors and dealers are not authorized agents of Musikhaus Kirstein GmbH and have no authority to legally bind Musikhaus Kirstein GmbH in any way, whether expressly or by implication. These operating instructions are protected by copyright. Any duplication or reprinting, even in part, and any reproduction of the illustrations, even in modified form, is only permitted with the written consent of Musikhaus Kirstein GmbH.

**WARNING:** Ensure an appropriate volume level! Listening at too high a volume level can permanently damage your hearing!



**FUNCTION AND HANDLING** The headphones can be used with all commercially available playback devices such as CD players, stereo systems and mobile music players that have a headphone output with a 3.5mm stereo jack. If your sound source is equipped with a headphone output with a 6.3 mm stereo jack, use the supplied adapter (6.3 mm to 3.5 mm stereo jack).

**MAINTENANCE:** Your appliance does not require any special maintenance. In the event of a malfunction, contact an approved service center or the manufacturer directly.

**CLEANING:** Use a lint-free, dry or slightly damp cloth for cleaning.

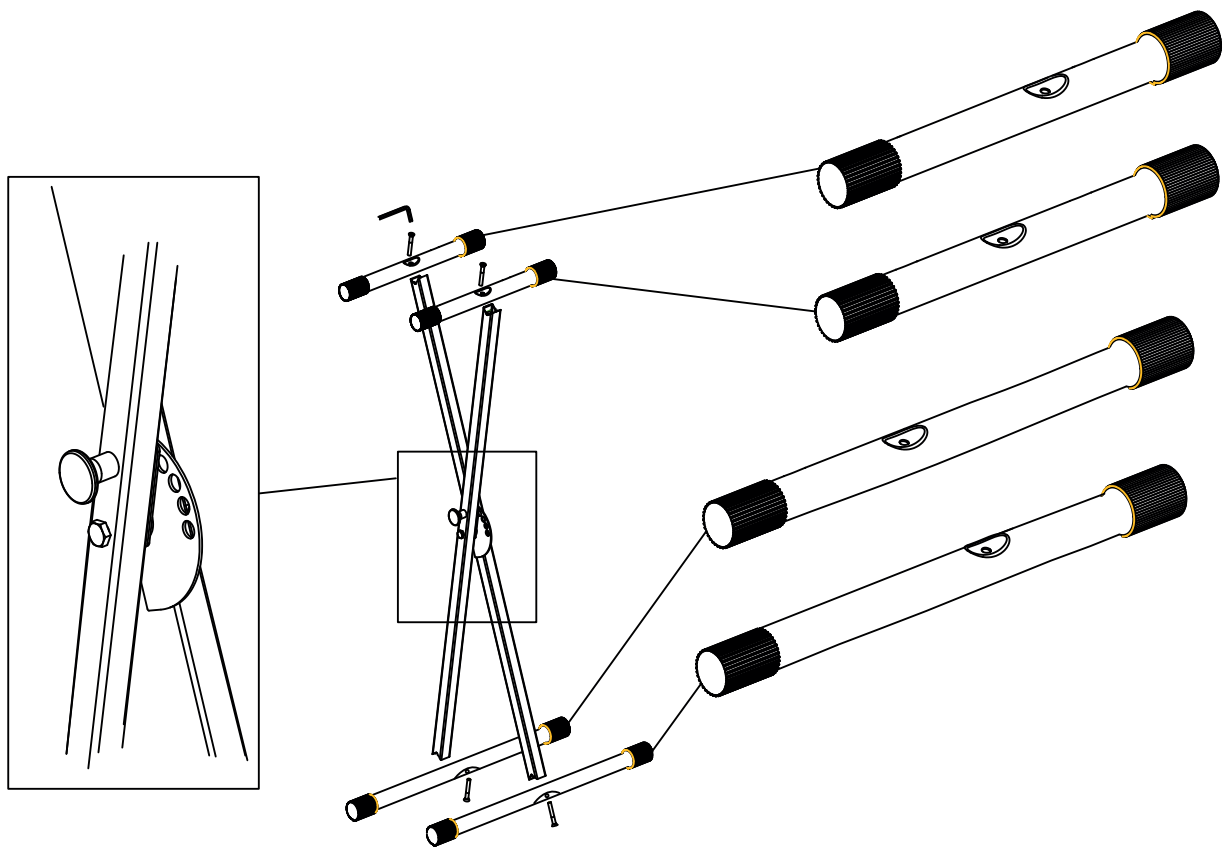
**TECHNICAL DATA:** System: dynamic stereo headphones, nominal impedance: 32Ohm +/- 10%, frequency range: 20-20000Hz, sensitivity: 103dB S.P.L. at 1kHz +/- 2%

**WEEE declaration (Waste of Electrical and Electronic Equipment)** Your product has been developed and manufactured using high-quality materials and components that are recyclable and reusable. This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of its life. Please dispose of this appliance at your local municipal collection point or recycling center. Please help to protect the environment in which we all live.





## X-Keyboardständer einstrebig



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Musikhaus Kirstein GmbH  
Bernbeurener Str. 11  
86956 Schongau  
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