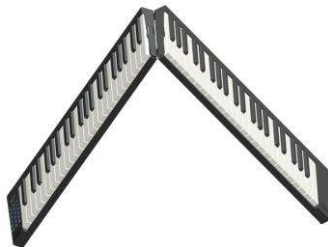


# FUNKEY

SP-561 / SP-588



KP-88II



AK-61



## User Manual

Version: 06/2023

Thank you for choosing this product. To ensure that you are completely satisfied with this product, please read and understand this manual carefully.



**PLEASE READ CAREFULLY**

Please keep this manual in a safe place for future reference. Please also hand over all documents when passing on the product to third parties. Never leave children unattended with the packaging material. Products packed in plastic bags may cause suffocation due to packaging materials. The product should only be used under adult supervision. Only use the product if it is in perfect condition. Do not use the product if damage is visible or suspected. We are not liable for damage resulting from failure to observe the safety instructions or from incorrect or improper handling.



Observe operating instructions!

 **WARNING**

The signal word **WARNING** indicates dangers which can lead to serious injuries if no precautionary measures are taken.

 **NOTE**

The signal word **NOTE** indicates general precautions to be taken when handling the product.

 **NOTE**

Images and screen-displays in this manual may differ slightly from the appearance of the actual product, as long as this does not have a negative effect on the technical properties and safety of the product.

 **NOTE**

All personal formulations in these operating instructions are to be considered gender-neutral.

These operating instructions apply to responsible users and to persons who have been supervised or instructed in the operation of the device by a person responsible for their safety and who have proven that they are capable of handling the device.

 **WARNING**

**Children should be supervised to ensure that they do not use this device as a toy.  
Never allow children to play with the packaging material unattended.**

 **WARNING**

**Risk of damage to property! We are not liable for accidents that occur as a result of non-observance of the safety instructions or incorrect handling.**

All information in this operating manual has been checked to the best of our knowledge and belief. However, neither the author nor the publisher can be held liable for any damages in connection with the use of this manual.

Other product, brand and company names mentioned in this document may be the trademarks of their respective owners. The user of this document is responsible for compliance with all applicable copyright laws.

 **WARNING**

**Caution**

Please observe the following basic instructions in order not to endanger yourself or others and to avoid damage to external devices.

 **NOTE**

**Warnings**

Do not disassemble or modify the product. This could result in injury from electric shock. If you notice that the power cord shows obvious signs of wear, the appliance is malfunctioning, smells burnt or smokes, immediately unplug the appliance from the wall outlet and refer servicing, maintenance or repair to an authorized service center, or contact your dealer. Before cleaning the product, you should turn it off and disconnect it from the power supply. Always place the product on a flat, stable surface to ensure a secure footing.

Do not use the product in a damp or wet environment.

Do not place any vessels filled with liquids, such as vases, glasses or bottles, on the product. Do not place small objects on top of it that could slide in, such as hairpins, sewing needles or coins.

 **NOTE**

**Precautions**

To avoid damage to the product, do not place it in places with high temperatures or a lot of dust, do not place it directly next to an air conditioner and avoid direct sunlight. Do not place the product near other electrical equipment to avoid interference.

Do not use force or place heavy objects on the product.

Disconnect the power supply if you do not use the device for a longer period of time. To disconnect the device from the power supply, please pull the plug, not the cable. Be careful with the power cord. It should not be placed near any heaters, heavy objects, or objects that could be walked on or dropped.

 **WARNING**

**Mains voltage**

If an external power supply unit is required for use, connect it to an outlet with the correct voltage.

Do not connect the device to a power supply voltage other than that for which your product is intended. Unplug the AC adapter from the wall outlet when you are not using the product or when a thunderstorm is brewing.

 **NOTE**

**Place**

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, strong vibrations or shocks, strong magnetic fields

 **NOTE**

**Cleaning**

Clean the product only with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids or chemically impregnated wipes.

 **NOTE**

**Handling**

Do not exert excessive force on operating elements such as switches, knobs, buttons, fixing screws.

Do not put paper, metal or other objects inside. In this case, unplug the AC adapter/power cord from the wall outlet. Have the product checked by qualified service personnel.

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### 1. Instructions for proper use, cleaning and storage.

The instrument can be wiped with a soft and clean cloth. Do not use any liquids or cleaning agents for cleaning.

It should be carefully stowed away after use.

Do not use the product in a hot and/or humid place.

Use the instrument only on a flat, hard surface, otherwise normal operation may be impaired and the instrument may be damaged.

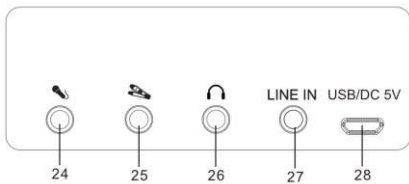
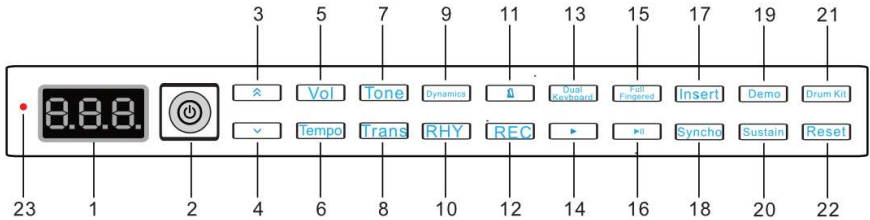
Do not charge the battery when you are not at home or when you are sleeping.

### 2. Simple troubleshooting







If the instrument does not work as expected, sounds strange or individual contacts do not work, turn off the instrument and restart it to reset it to the default settings.

### 3. SP-561 / SP-588

#### 1. Operating unit



1		LED display	15		FullFingered button
2		Power ON/OFF	16		Start / stop button
3		Control button +	17		FILL-In button
4		Control button -	18		Syncho button
5		Volume button	19		Demo button
6		Tempo button	20		Sustain button
7		Tone button	21		Drum Kit Button
8		Transpose button	22		Reset button
9		Velocity On/Off	23		LED charging indicator
10		Rhythm button	24		Microphone connector
11		Metronome	25		Pedal connection

12		Record button	26		Headphone jack
13		Dual button	27		LINE-In
14		Play	28		USB DC 5V connector / MIDI output interface

## 2. General operation

### 1) Power On

Press the Power On / Off button for approx. 1 second to switch the instrument on.

To turn the instrument off, press the button again. The Power On/Off switch does not work in standby mode. Wake up the instrument to use the Power On/Off switch.

### 2) Auto Standby

If you do not use the instrument for a few minutes, it automatically switches to standby mode. Wake up the instrument by pressing any key on the keyboard. Turn off the instrument completely using the On / Off switch if you do not plan to use it for a long time.

### 3) Volume control

Press the Volume button to enter the volume control menu. Increase or decrease the volume with the control keys.

### 4) Tone selection

Press the Tone button to enter the tone selection menu. Select the desired tone color using the control buttons.

### 5) Accompaniment rhythm selection

By pressing the RHY button you enter the rhythm selection menu. You will now hear the currently selected rhythm. Select the desired rhythm using the control buttons. Stop the rhythm accompaniment by pressing the Start/Stop button.

### 6) Tempo

Press the Tempo button to enter the speed setting menu. Increase or decrease the speed with the control buttons.

## 7) Demo

Press the Demo button to enter the demo song playback menu. Select the desired song using the control buttons. Stop the demo playback by pressing the Start/Stop button.

## 8) Chord accompaniment

Press the FullFingered button to activate the chord recognition. Now you can determine simple major and minor chords by means of two input possibilities while the rhythm accompaniment is started. The rhythm accompaniment is now supplemented by a complete chord accompaniment. The following two input possibilities are automatically recognized by the instrument.

### Single Finger

In this mode, by means of a single arbitrary key in the range C3 ~ F4 #, you can specify the chord for the corresponding chord accompaniment. Here, the pressed key sets the root of the accompaniment chord in major. The nearest left black key can be pressed to change the chord gender to minor.

### Multi-Finger

In this mode you can specify the chord for the corresponding chord accompaniment by means of three keys in the range of C3 ~ F4 # which define a whole chord. As long as you do not specify a three-part chord, only the drum rhythm will sound.

## 9) Synchro

By pressing the Synchro button you activate the Sync-Start mode. If rhythm is selected and chord recognition is active, the rhythm or chord accompaniment will now start automatically when you press a key in the left keyboard area (C3 ~ F4 #).

## 10) Touch dynamics

Press the Dynamics key to switch the velocity dynamics active or inactive.

## 11) Transpose function

By pressing the trans button you enter the menu for the transpose function. Raise or lower the pitch in semitone steps using the control buttons.

## 12) Metronome

Press the metronome button to activate the metronome. Press repeatedly to choose between  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$  and  $\frac{4}{4}$  time signatures. Press Start / Stop to stop the metronome.

## 13) Recording function

Press REC to switch to the recording mode. Press any key on the keyboard to start recording. During recording, press the Play button to play back the recorded data. Stop playback by pressing the Play button. To play back again, press Play again. Pressing REC again clears the memory and returns you to the recording mode.



#### 14) Drum Kit

Press the DrumKit button to use the keyboard as a percussion instrument. You leave this setting by pressing the DrumKit button again.

#### 15) Dual Keyboard

Press the Dual Keyboard button to split the keyboard in two. A bass tone is now set in the left keyboard area. The timbre of the right keyboard area can be changed using the control keys. Exit this mode by pressing the Dual Keyboard button again.

#### 16) Sustain

Press the Sustain button to prolong the decay of the selected sound. Press the button again to exit this setting.

### 3. Rear connections

#### 1) Midi connection via cable

The piano can be connected to any midi-enabled program on your computer via the midi interface.

If you do not have a midi capable software installed on your computer, you can find a free software for Windows to test the function of your piano at

<https://www.kirstein.de/produkte/00046/00046319/en-piano.zip> for download.

#### 2) Pedal connector

Connect the supplied sustain pedal to the pedal jack on the back of your instrument

#### 3) Charging the integrated battery

Connect the included power supply to the USB DC 5V connector on the back of your instrument. The LED charging indicator signals the charging process. When the battery is fully charged, the LED goes out.

### 4. Bluetooth

The Bluetooth function is automatically active when the instrument is switched on.

#### Bluetooth MIDI

Connect your instrument to a Bluetooth-enabled cell phone or tablet to transmit MIDI data from the instrument to the smart device. The Bluetooth name for MIDI connection is "MIDI Piano".

#### Bluetooth audio

Connect your instrument to a Bluetooth-enabled cell phone or tablet to play music from your smart device through the piano. The Bluetooth name for audio transmission is "Music Piano".

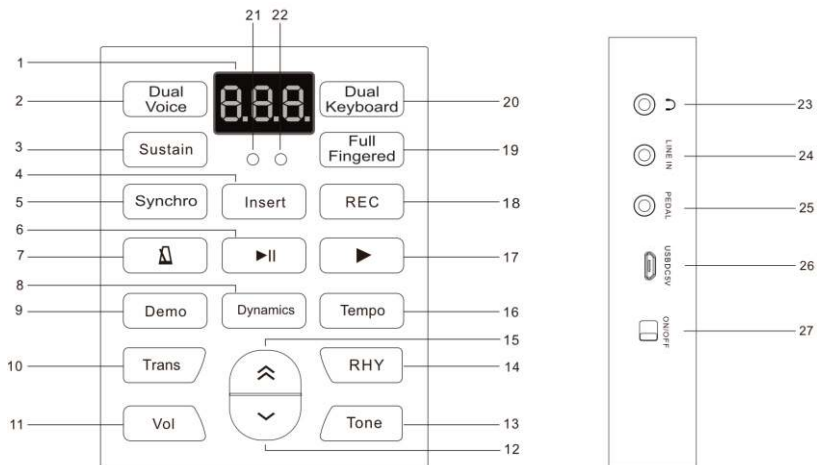
### 5. Sheet music / Tablet holder

Insert the supplied music holder into corresponding openings on the top of the instrument to use it as a sheet music or tablet holder.





## **6. Reset**

Press the Reset key to reset the instrument to the factory settings.

## 4. KP-88II



1		LED display	14	RHY	RHY button
2	Dual Voice	Dual Voice button	15		Control button Up
3	Sustain	Sustain button	16	Tempo	Tempo button
4	Insert	FILL-In button	17		Play button
5	Synchro	Synchro Start button	18	REC	Record button
6		Stop / Pause button	19	FullFingered	FullFingered button
7		Metronome	20	Dual Keybd	Dual Keyboard button
8	Dynamics	Velocity On/Off	21		LED operation indicator
9	Demo	Demo button	22		LED charge indicator
10	Trans	Transpose button	23		Headphone jack
11	Vol	Volume button	24		Aux input

12		Control button down	25		Pedal connection
13	Tone	Tone button	26	USB/DC 5V 	USB DC 5V connector / MIDI output interface
			27	ON/OFF 	On / Off switch

## 2. General operation

### 1) Switch on

Switch the instrument on or off with the On / Off switch.

### 2) Auto Standby

If you do not use the instrument for a few minutes, it automatically switches to standby mode. Wake up the instrument by pressing any key on the keyboard. Turn off the instrument completely using the On / Off switch if you do not plan to use it for a long time.

### 3) Volume control

Press the Volume button to enter the volume control menu. Increase or decrease the volume with the control keys.

### 4) Tone selection

Press the Tone button to enter the tone selection menu. Select the desired tone color using the control buttons.

### 5) Accompaniment rhythm selection

By pressing the RHY button you enter the rhythm selection menu. You will now hear the currently selected rhythm. Select the desired rhythm using the control buttons. Stop the rhythm accompaniment by pressing the Stop / Pause button. Use the Insert key to insert a short fill-in into the rhythm.

### 6) Tempo

Press the Tempo button to enter the speed setting menu. Increase or decrease the speed with the control buttons.

### 7) Demo

Press the Demo button to enter the demo song playback menu. Select the desired song using the control buttons. Stop the demo playback by pressing the Stop / Pause button.

### 8) Chord accompaniment

By pressing the FullFingered button to activate the chord recognition. Now you can determine simple major and minor chords by means of two input possibilities while the rhythm

accompaniment is started. The rhythm accompaniment is now supplemented by a complete chord accompaniment. The following two input possibilities are automatically recognized by the instrument.

#### Single Finger

In this mode, by means of a single arbitrary key in the range C3 ~ F4 #, you can specify the chord for the corresponding chord accompaniment. Here, the pressed key sets the root of the accompaniment chord in major. The nearest left black key can be pressed to change the chord gender to minor.

#### Multi-Finger

In this mode you can specify the chord for the corresponding chord accompaniment by means of three keys in the range of C3 ~ F4 # which define a whole chord. As long as you do not specify a three-part chord, only the drum rhythm will sound.

#### 9) Synchro

By pressing the Synchro button you activate the Sync-Start mode. If rhythm is selected and chord recognition is active, the rhythm or chord accompaniment will now start automatically when you press a key in the left keyboard area (C3 ~ F4 #).

#### 10) Touch dynamics

Press the Dynamics button to switch the velocity dynamics active or inactive.

#### 11) Transpose function

By pressing the trans button you enter the menu for the transpose function. Raise or lower the pitch in semitone steps using the control buttons.

#### 12) Metronome

Press the metronome button to activate the metronome. By pressing it several times, you can choose between  $\frac{1}{4}$ ,  $\frac{2}{4}$ ,  $\frac{3}{4}$  and  $\frac{4}{4}$  time signatures. Press the Stop / Pause button to stop the metronome.

#### 13) Recording function

Press REC to switch to the recording mode. Press any key on the keyboard to start recording. During recording, press the Play button to play back the recorded data. Stop playback by pressing the Play button. To play back again, press Play again. Pressing REC again clears the memory and returns you to the recording mode.

#### 14) Dual Voice

Press the Dual Voice button to overlay two tones. First select one timbre with the control keys, then press Dual Voice and now select the second timbre with the control buttons. Exit this mode by pressing the Dual Keyboard button again.

#### 15) Dual Keyboard

Press the Dual Keyboard key to assign a bass sound to the left half of the keyboard.

#### 16) Sustain

Press the Sustain button to prolong the decay of the selected sound. Press the button again to exit this setting. Sustain does not work in Dual Voice.

### 3. Connections

#### 1) Midi connection via cable

The piano can be connected to any midi-enabled program on your computer via the USB midi interface.

If you don't have a midi capable software installed on your computer yet, you can find a free software for Windows to test the function of your piano at <https://www.kirstein.de/produkte/00046/00046319/en-piano.zip> for download.

#### 2) Pedal connector

Connect the supplied sustain pedal to the side pedal jack of your instrument.

#### 3) Charging the integrated battery

Connect the included power supply to the USB DC 5V port of your instrument. The LED charging indicator signals when the battery is fully charged.

### 4. Bluetooth

The Bluetooth function is automatically active when the instrument is switched on.

#### Bluetooth MIDI

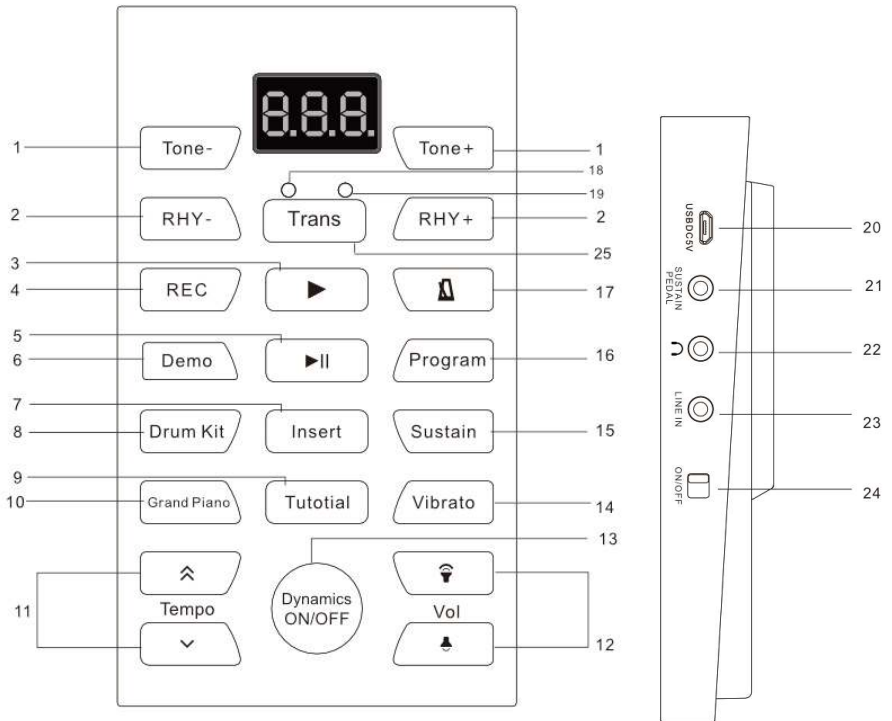
Connect your instrument to a Bluetooth-enabled cell phone or tablet to transmit MIDI data from the instrument to the smart device. The Bluetooth name for MIDI connection is "MIDI Piano".

#### Bluetooth Audio









Connect your instrument with a Bluetooth-enabled cell phone or tablet to play music from your smart device through the piano. The Bluetooth name for audio transmission is "Music Piano".

## 5. AK-61

### 1. Operating unit



1	Tone - / +	Tone selection	14	Vibrato	Vibrato button
2	RHY - / +	Rhythm selection	15	Sustain	Sustain button
3	▶	Play	16	Program	Rhythm recording
4	REC	Record button	17	⏏	Metronome
5	▶	Stop / Pause button	18	○	LED charge control

6	Demo	Demo button	19		LED operation indicator
7	Insert	Fill-In button	20		USB DC 5V connector / MIDI output interface
8	DrumKit	Drum Kit button	21		Pedal connection
9	Tutorial	Learning function	22		Headphone jack
10	Grand piano	Grand piano button	23		Line-In jack
11		Tempo control buttons	24		On / Off switch
12		Volume buttons	25	Trans	Transpose button
13	Dynamics	Touch dynamics			

## 2. General operation

### 1) Switch on

Switch the instrument on or off with the On / Off switch.

### 2) Volume control

Increase or decrease the volume with the volume buttons.

### 4) Selecting the tone color

Select the desired tone color using the Tone - / Tone + buttons.

### 5) Selection of the accompaniment rhythm

Select the desired rhythm using the RHY - / RHY + keys. Stop the rhythm accompaniment by pressing the Stop / Pause button.

### 6) Tempo

Increase or decrease the speed with the tempo control buttons.

### 7) Demo

By pressing the Demo button, you enter the menu for playing the demo songs. Select the desired song by pressing the Demo button several times. Stop the demo playback by pressing the Stop / Pause button.



#### 8) Touch dynamics

Press the Dynamics button to toggle touch dynamics active or inactive.

#### 9) Transpose function

By pressing the Trans button you enter the menu for the transpose function. Raise or lower the pitch in semitone steps by pressing the Trans button several times.

#### 10) Metronome

Press the metronome button to activate the metronome. Press this button again to deactivate the metronome.

#### 11) Recording function

Press REC to switch to the recording mode. Press any key on the keyboard to start recording. During recording, press the Play button to play back the recorded data. Stop the playback by pressing the Stop / Pause button. To play back again, press Play again. Press REC again to clear the memory and return to the recording mode.

#### 12) Sustain

Press the Sustain button to prolong the decay of the selected sound. Press the button again to exit this setting.

#### 13) Vibrato

Press the Vibrato button to add a vibrato effect to the played sound. Press the button again to exit this setting.

#### 14) Drum Kit

Press the Drum Kit button to use the keyboard as a percussion instrument. Press this button again to exit this mode.

#### 15) Grand Piano

Press the Grand Piano button to switch to piano sound at any time. Press this button again to exit the Piano mode.

#### 16) Tutorial function

Press the Tutorial button to switch to the teaching mode. By repeatedly pressing the Tutorial key, you can choose between different songs. The instrument will now play the left hand accompaniment. The melody part will be played by the instrument independently when you press any key on the keyboard in the correct rhythm. Exit this function by pressing the Stop / Pause button.

### 3. Connections

#### 1) Midi connection via cable

The piano can be connected to any midi-enabled program on your computer via the USB midi interface.

If you don't have a midi capable software installed on your computer yet, you can find a free software for Windows to test the function of your piano at <https://www.kirstein.de/produkte/00046/00046319/en-piano.zip> for download.

#### 2) Pedal connector

Connect the supplied sustain pedal to the side pedal connector of your instrument.

#### 3) Charging the built-in battery

Connect the supplied power adapter to the USB DC 5V port of your instrument. The LED charging indicator signals when the battery is fully charged.

## WEEE Declaration

### (Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured with high quality materials and components that can be recycled and reused.

This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of its useful life.

Please dispose of this device at your local municipal collection point or recycling center.

Please help preserve the environment in which we live.



Technical changes and changes in appearance are reserved. All information is correct at the time of going to press.

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Colors and specifications shown may vary slightly from the product.

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## SIMPLIFIED EU DECLARATION OF CONFORMITY

Musikhaus Kirstein GmbH hereby declares that the radio equipment type [Funkey SP-561 / SP-588 / KP-88II] is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following internet address:

[http://www.kirstein.de/docs/Konformitaetserklaerung/CE\\_Konformitaetserklaerung\\_00074008.p  
df](http://www.kirstein.de/docs/Konformitaetserklaerung/CE_Konformitaetserklaerung_00074008.pdf)

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