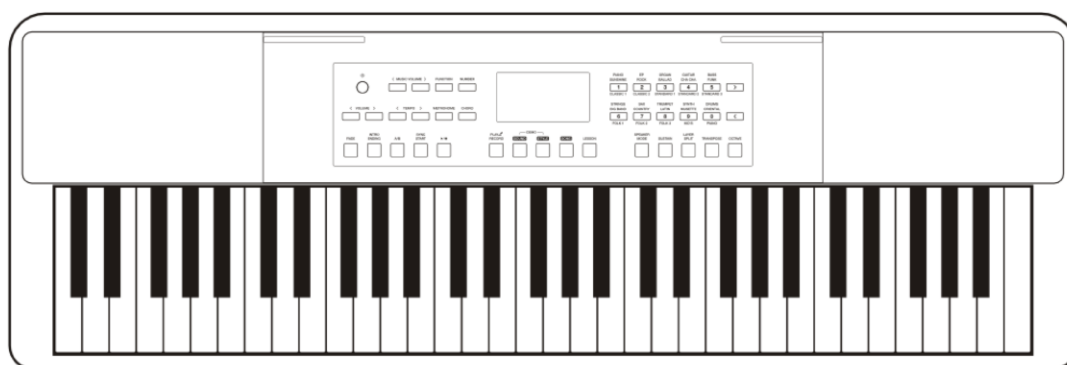


FUNKEY

61 Performer Keyboard



User manual

Version: 01/2025

Thank you for purchasing this product.

To ensure that you are fully satisfied with this product, please read and understand these operating instructions carefully before using this instrument. Keep these operating instructions in a safe place. The operating instructions must be passed on to all subsequent users.



Observe the operating instructions!



The signal word **WARNING** indicates dangers that could lead to serious injury if precautions are not taken.



The signal word **NOTICE** indicates general precautionary measures that should be observed when handling the product.



Images and screen displays in these operating instructions may differ slightly from the appearance of the actual product as long as this has no negative impact on the technical properties and safety of the product.



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

These operating instructions apply to responsible persons and users who have been supervised or instructed in the operation of the appliance by a person responsible for their safety and who have demonstrated that they are able to handle the appliance.



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



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

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

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

 **WARNING**

Caution

Please observe the following basic instructions to avoid endangering yourself or others and to prevent damage to external devices.

 **NOTE**

Warnings

Do not disassemble the instrument or make any modifications to it. This could result in injury from electric shock. Entrust any necessary service and maintenance work to a specialist workshop or contact your dealer.

If you notice that the power cable shows clear signs of use, the appliance is malfunctioning, smells burnt or is smoking, unplug the appliance immediately and ask a technician to repair it.

Before cleaning the instrument, you should disconnect it from the power supply.

Always place the instrument on a level, stable surface to ensure that it stands securely.

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

Do not place any containers filled with liquids, such as vases, on it, Jars or bottles.

Do not place any small objects on it that could slip in, such as Hairpins, sewing needles or coins.

Do not place lighted candles on the instrument.

 **NOTE**

Precautionary measures

To avoid damage to the instrument, 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 instrument near other electrical devices to avoid interference.

Do not use any force when handling the instrument and do not place any heavy objects on the device.

Disconnect the instrument from the power supply if you will not be using it for a longer period of time. To disconnect the device from the power supply, pull the plug, not the cable. Please handle the power cable with care. It should not be located near radiators, you should not place any heavy objects on it and it should be laid in such a way that no one can step on it or fall over it.

Please note that continuous high volume can permanently damage your hearing. Therefore, adjust the volume carefully.

 **WARNING**

Power supply unit

Please connect the supplied mains adapter to a socket with the correct voltage. Do not connect it to mains voltages other than those for which the instrument is intended.

Disconnect the mains plug if you do not use the product for a longer period of time or if there is a thunderstorm.

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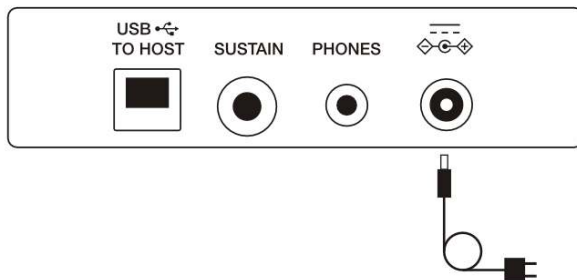
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Preparation

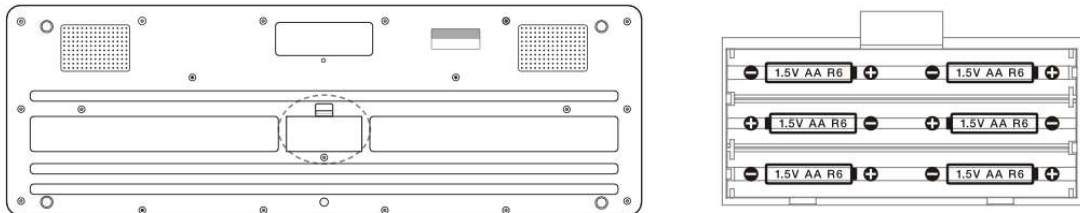
Power supply operation

Connect the hollow plug of the supplied power supply unit to the power supply socket on the back of the instrument. Then connect the power supply unit to a power socket.



Battery operation

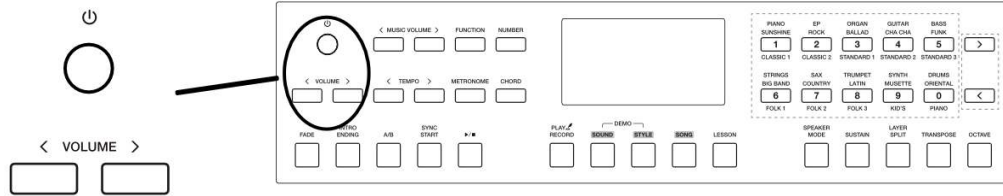
Open the battery compartment on the underside of the instrument and insert six AA batteries (not included). Ensure that the polarity is correct and do not mix batteries of different charge states. Now close the battery compartment securely. Remove the batteries from the device if you do not intend to use it for a longer period of time.



Note:

Old batteries do not belong in household waste! Dispose of them at a local collection point.

Commissioning



Power button (POWER)

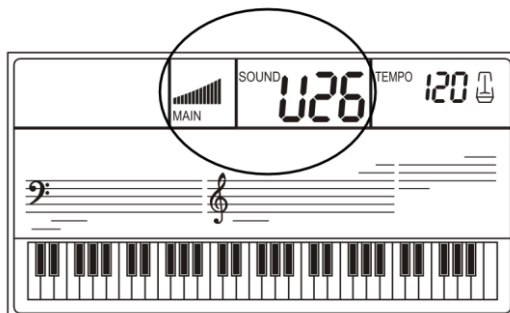
Press the **POWER** button to start up your instrument. Readiness for operation is indicated by the display lighting up.

Press the **POWER** button again to deactivate the instrument. Please switch off your instrument when not in use to save energy.

Volume control (VOLUME)

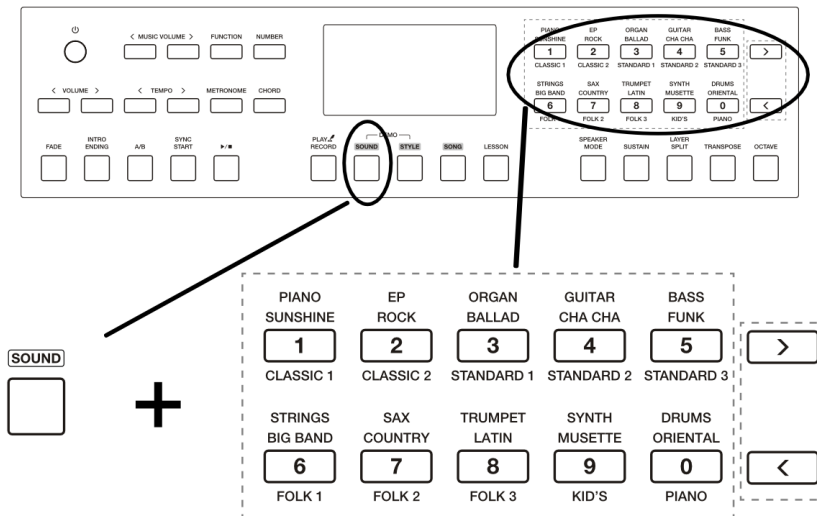
You can use these two buttons to increase or decrease the volume of your keyboard.

Press the **VOLUME<** and **VOLUME>** buttons simultaneously to return to the basic setting.

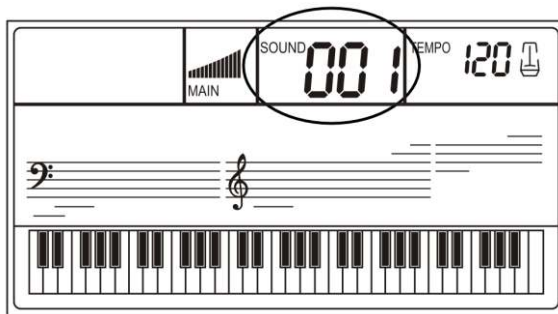


Selection of sound and rhythm accompaniment

SOUND

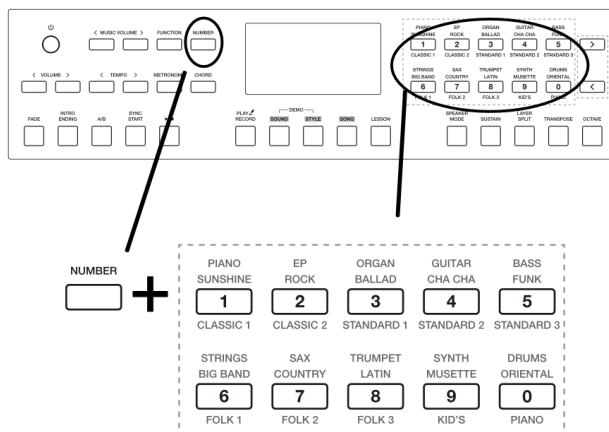


Press **SOUND** to access the menu for sound color selection.

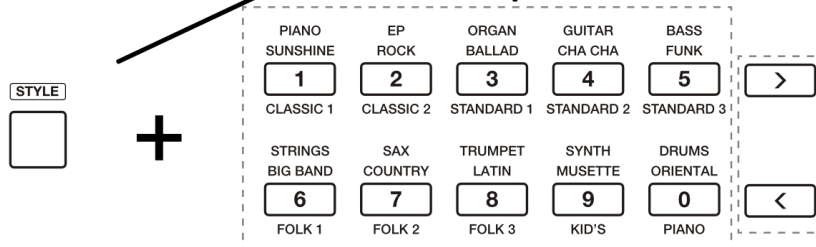
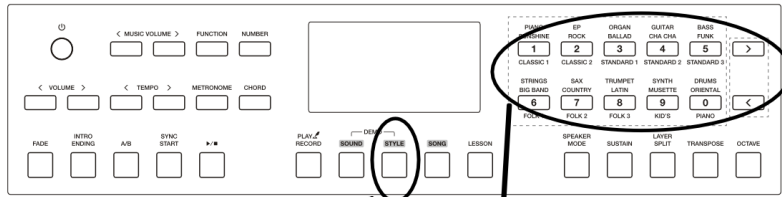


The number buttons in the numeric keypad are assigned to the direct selection of the most important instrument groups. Press one of these buttons to go directly to a sound in this group. Use the arrow buttons > < to navigate to other tones.

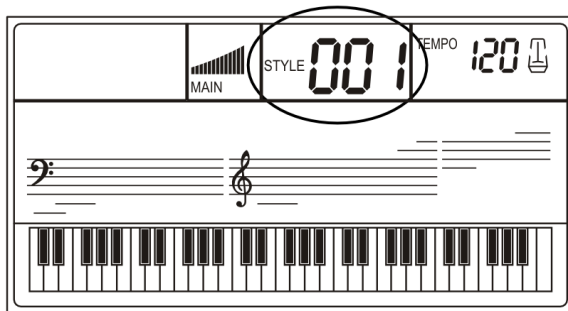
You can also use the number buttons to select the desired sound directly via its sound number. To do this, press and hold the **NUMBER** button and type in the three-digit sound number while holding down the **NUMBER** button.



RHYTHM (STYLE)

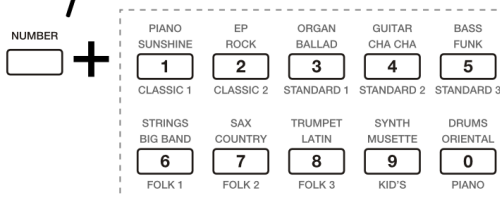
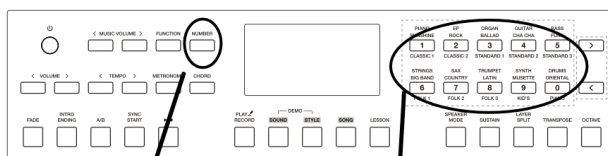


Press **STYLE** to access the menu for the rhythm accompaniment.



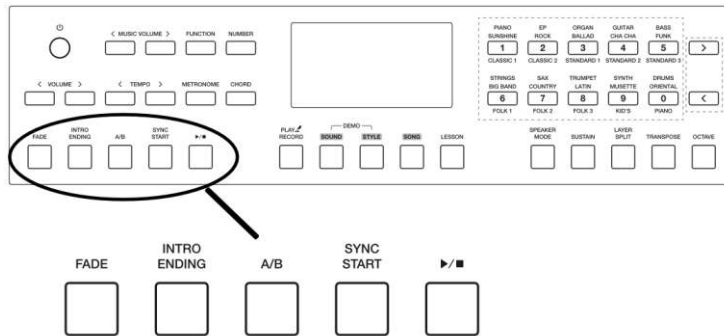
The number buttons in the numeric keypad are assigned to the direct selection of the most important style groups. Press one of these buttons to go directly to a rhythm in this group. Use the arrow buttons > < to navigate to other rhythms.

You can also use the number buttons to select the desired rhythm directly via its style number. To do this, press and hold the **NUMBER** button and type in the three-digit style number while holding down the **NUMBER** button.



Playing with automatic accompaniment

Playing with accompanying rhythm



START/STOP

Press the **START/STOP** button (▶/■) to start rhythm playback. Press the **START/STOP** button again to stop rhythm playback.

SYNCSTART

Activate the SyncStart by pressing the **SYNCSTART** button. Readiness is indicated in the display by individual dots flashing at the preset rhythm speed in the top right of the display. Deactivate this function by pressing **SYNCSTART** again.

You can use the SyncStart function to ensure that the rhythm starts automatically as soon as you press a keyboard key. Note: If chord recognition is activated, the rhythm and accompaniment style only start when you press a keyboard key in the chord recognition area to the left of the split point.

A/B

All rhythms have two different patterns. Press the **A/B** button to switch between the two accompaniment patterns.

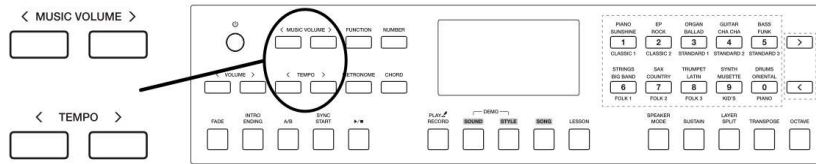
INTRO/ENDING

To start the rhythm with an intro, press the **INTRO/ENDING** button before starting the rhythm. This function can be combined with SYNCSTART.

To end the rhythm with an ending (outro), press **INTRO/ENDING** during rhythm playback. The ending starts automatically in the next rhythm cycle and rhythm playback stops automatically when the ending is complete.

FADE

To start the rhythm with a fade-in, press the **FADE** button before starting the rhythm. This function can be combined with SYNCSTART. To end the rhythm with a fade-out, press **FADE** during rhythm playback. The rhythm now becomes continuously quieter and stops automatically after the fade-out is complete.



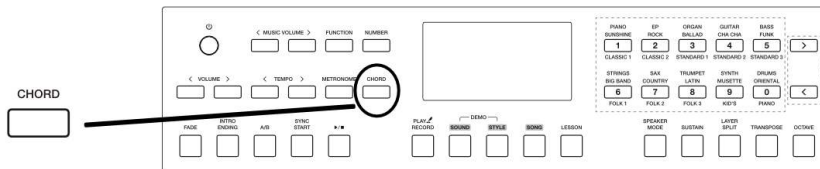
Rhythm speed

You can use the **TEMPO<** and **TEMPO >** buttons to increase or decrease the speed of the rhythm playback.

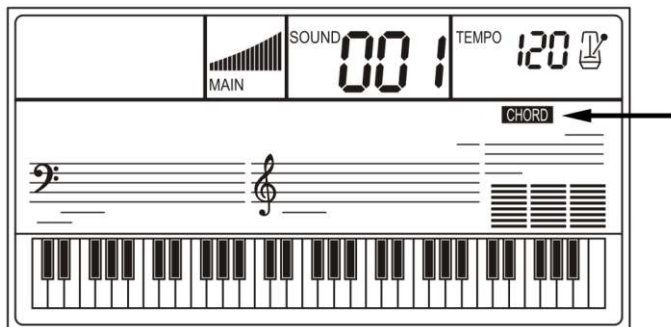
Rhythm Volume

You can use the **MUSIC VOLUME<** and **MUSIC VOLUME >** buttons to increase or decrease the volume of the rhythm playback.

Activating chord recognition



Press the **CHORD** button to activate the chord recognition of the rhythm function. The left-hand keyboard area up to and including f # (buttons 1 to 19 from the left) now becomes the chord recognition area. Any rhythm accompaniment that has been started can now be combined with a chord accompaniment.



All rhythm accompaniment functions (START/STOP, SYNCSTART, A/B, INTRO/ENDING, FADE and the volume control) remain the same in CHORD mode (see: "Playing with accompanying rhythm").

Chord recognition can automatically distinguish between two chord recognition modes.

You can either specify the chord in simplified form using a single key on the keyboard (single). In this case, the key pressed defines the root note of the accompaniment chord in major. The nearest left-hand black key can additionally be pressed to change the chord gender to minor. Press the nearest left white key for a dominant seventh chord and the nearest left white and black key for a minor seventh chord.



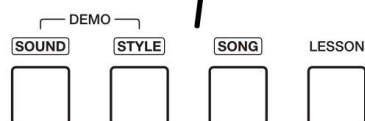
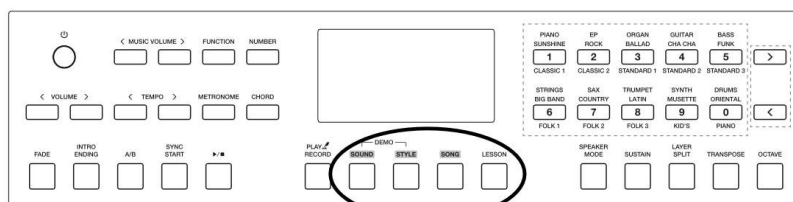
Alternatively, you can select the chord using the three to four chord tones (Multi).



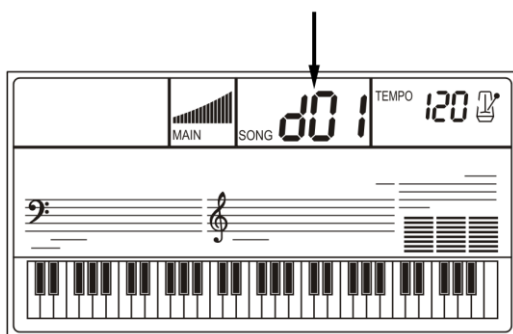
Deactivate the chord recognition by pressing **CHORD** again to be able to use the entire keyboard area for your piano playing again.

Demo, songs and learning function

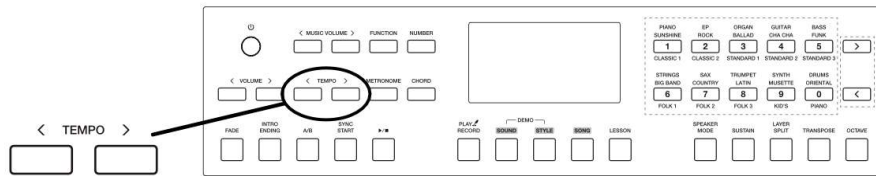
Demo



Press the **DEMO** buttons (**SOUND+STYLE** at the same time) to start the demo song.



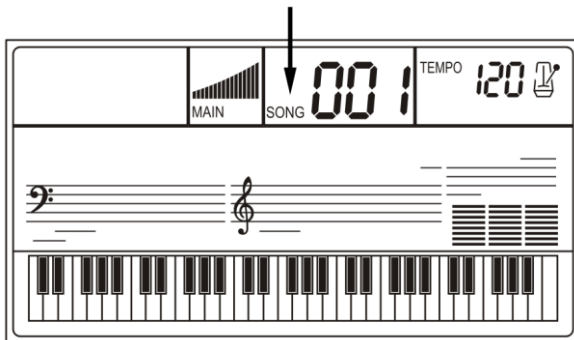
Press the **DEMO** buttons (**SOUND+STYLE** at the same time) again to end the demo playback.



You can increase or decrease the speed of the demo song using the **TEMPO <** and **TEMPO >** buttons.

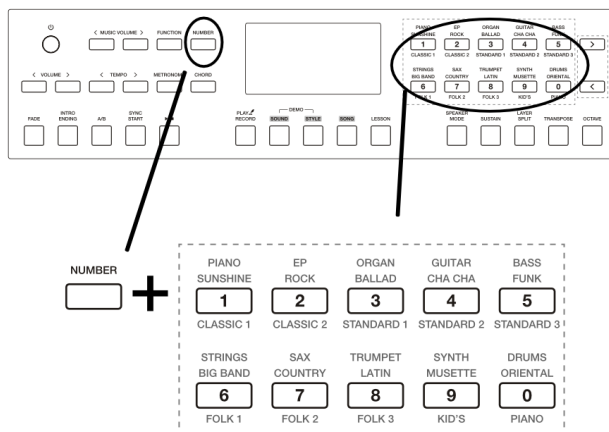
Song

Press the **SONG** button to go to the song selection of the Music Library.

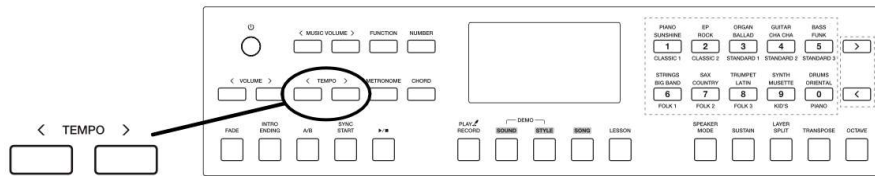


The number buttons in the numeric keypad are assigned to the direct selection of the most important song groups at the factory. Press one of these buttons to go directly to a song in this group. Use the arrow buttons **>** **<** to navigate to other songs.

You can also use the number buttons to select the desired song directly via its song number. To do this, press and hold the **NUMBER** button and type in the three-digit song number while holding down the **NUMBER** button.



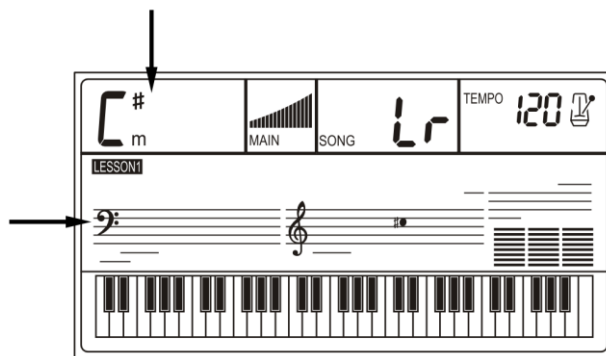
Press the **START/STOP** button (▶/■) to start song playback. Press the **START/STOP** button again to stop song playback.



You can increase or decrease the speed of the song using the **TEMPO <** and **TEMPO >** buttons.

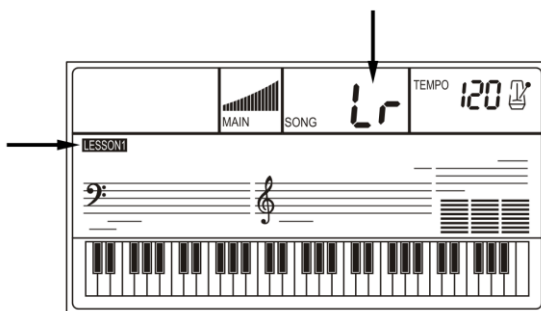
Lesson

The lesson function allows you to learn the songs in the Music Library. First select the desired song and listen to it carefully several times. Now reduce the speed of the song playback so that you can easily follow the note or chord display on the screen.



As soon as you have internalized the song and note display, you can start the learning phase.

After song playback has stopped, press **LESSON** to select the desired learning level (Lesson1r, Lesson1L, Lesson1Lr, Lesson2r, Lesson2L, Lesson2Lr, Lesson3r, Lesson3L, Lesson3Lr, OFF).



Now start the song, reduce the song tempo and try to fulfill the tasks of the learning levels.

Lesson 1 is limited to the rhythm of the song.

Lesson 1 - r:

Play any notes with your right hand to the rhythm of the melody. No matter which note you play, as long as you are rhythmically correct, the keyboard will always play the correct melody note. At the end of the song, your result will be evaluated, and the lesson will start again.

Lesson 1 - L:

Play any chords with the left hand in the correct alternation (whether in simplified or full chord indication method - see "Playing with chord accompaniment"). Regardless of which chord you play, as long as you are rhythmically correct, the keyboard will always play the correct accompaniment harmony. At the end of the song, your result will be evaluated, and the lesson will start again.

Lesson 1 - Lr:

Play any melody notes and chords with both hands. No matter which keys you press on the keyboard, as long as you are rhythmically correct, the keyboard will always play the correct melody and the right accompanying harmony. At the end of the song, your result is evaluated, and the lesson starts again.

Lesson 2 is waiting for you until you find the right notes.

Lesson 2 - r:

Use the note display to play the correct melody notes with your right hand. The song waits automatically until you have found the right note. At the end of the song, your result is evaluated, and the lesson starts again.

Lesson 2 - L:

Use the chord display to play the correct chord accompaniment with your left hand. The song waits automatically until you play the correct chord. At the end of the song, your result is evaluated, and the lesson starts again.

Lesson 2 - Lr:

Play the correct melody notes and chords with both hands. The song waits automatically until you have found all the correct keys. At the end of the song, your result is evaluated, and the lesson starts again.

Lesson 3 serves to optimize the learned piece.

Lesson 3 - r:

Using the note display, play the correct melody notes with your right hand. The song no longer waits until you have found the right note, but simply continues at the tempo. At the end of the song, your result is evaluated, and the lesson starts again.

Lesson 3 - L:

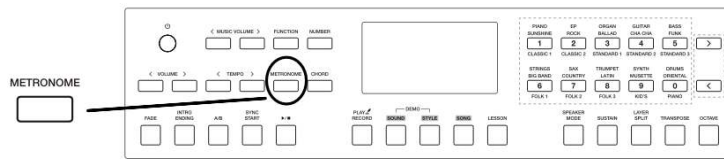
Use the chord display to play the correct chord accompaniment with your left hand. The song no longer waits for you to play the correct chord, but simply continues. At the end of the song, your result is evaluated, and the lesson starts again.

Lesson 3 - Lr:

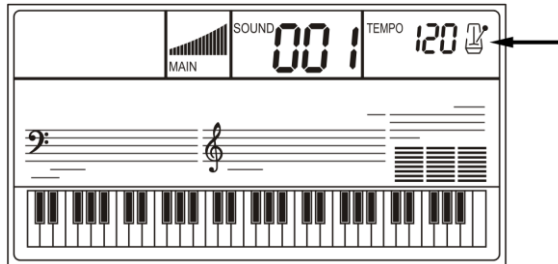
Play the correct melody notes and chords with both hands. The song no longer waits until you have found all the correct keys. At the end of the song, your result will be evaluated, and the lesson will start again.

The rating levels are in ascending order: OK, Good, Very Good and Excellent

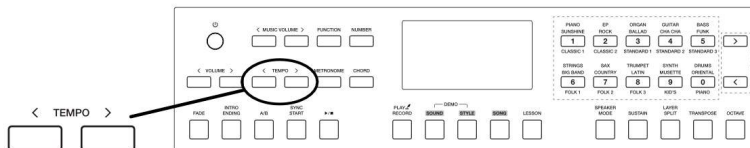
Metronome



Press the **METRONOME** button to start or stop the metronome. Note: The metronome function is not available in song mode)

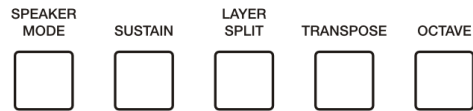
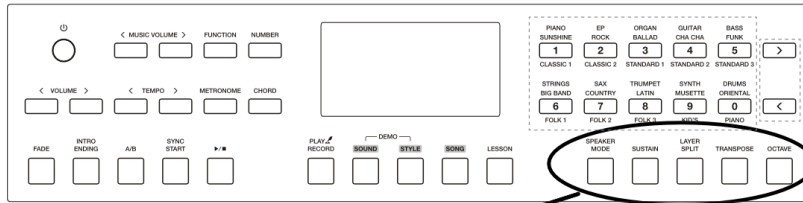


You can use the **TEMPO** buttons > and < to increase or decrease the speed of the metronome.



You can change the time signature of the metronome in the function menu (see sub-functions in the function menu).

Main functions

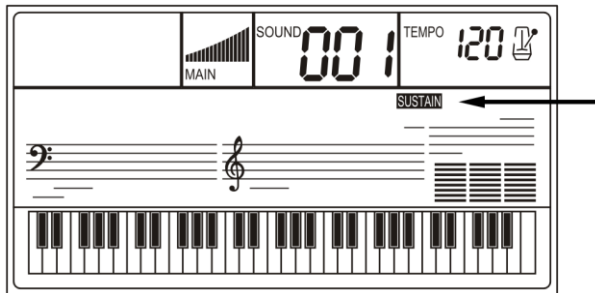


SPEAKER MODE

Press the **SPEAKER MODE** button several times to change the equalizer settings of the integrated amplifier. There are three sound characteristics to choose from. These are Boost (boo), Desktop (dES) and Normal (nor).

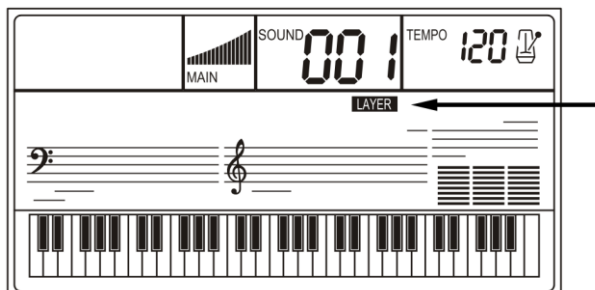
SUSTAIN

Press the **SUSTAIN** button activate the sustain effect (see right-hand piano pedal). Deactivate the effect by pressing **SUSTAIN** again.



LAYER

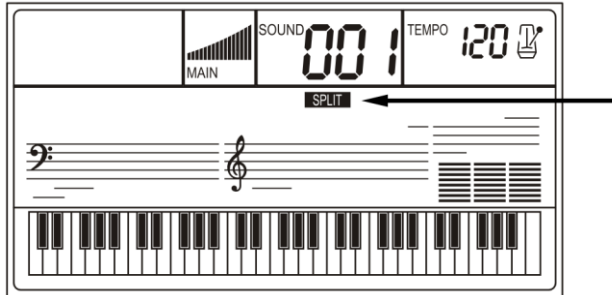
You can use the layer function to mix two tones of the instrument. First select a sound as described in the chapter "Selecting of sound ..." and then press the **LAYER/SPLIT** button until "**LAYER**" appears in the display.



Now select a second sound color. To deactivate this function, press **LAYER/SPLIT** until "**LAYER**" or "**SPLIT**" disappears from the display.

SPLIT

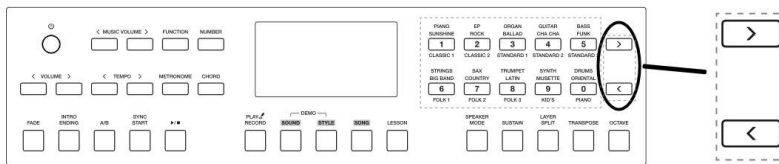
You can use the split function to play two sounds of the instrument separately on the right and left keyboard areas. First select a sound for the right hand as described in the chapter "Selecting of sound ..." and then press the **LAYER/SPLIT** button until "**SPLIT**" appears in the display.



Now select a second sound color. This now occupies the left-hand keyboard area up to and including f # (keys 1 to 19 from the left). To deactivate this function, press **LAYER/SPLIT** until "**LAYER**" or "**SPLIT**" disappears from the display.

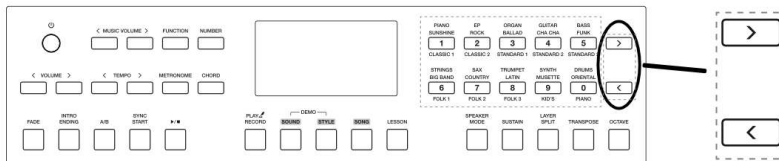
TRANSPOSE

By pressing the **TRANSPOSE** button, you can change the tuning of the instrument up or down in semitone steps. To do this, use the arrow buttons > and < on the numeric keypad. Press **TRANSPOSE** and then both arrow buttons simultaneously to return to the standard tuning.



OCTAVE

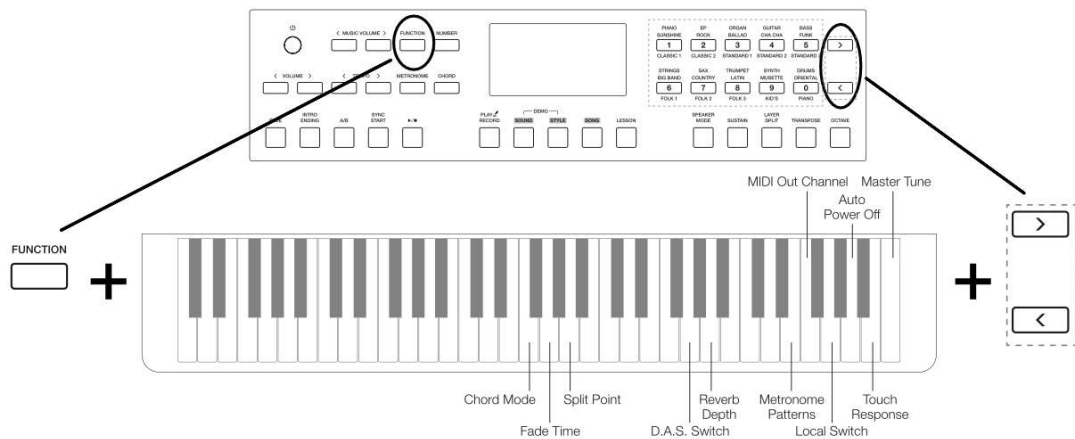
By pressing the **OCTAVE** button, you can shift the tuning of the instrument up and down by one to two octaves. To do this, use the arrow buttons > and < on the numeric keypad. Press **OCTAVE** and then both arrow keys simultaneously to return to the standard tuning.



Sub-functions in the function menu

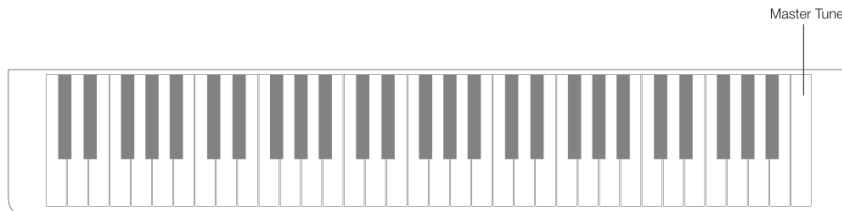
The instrument has additional functions and settings that you can select or set using key combinations.

To enter the respective function menu, press and hold the **FUNCTION** button and a corresponding button on the keyboard. Entering the respective function is confirmed by a beep from the instrument and the corresponding indication on the display. While you continue to hold down the **FUNCTION** button, you can now use the arrow buttons > and < on the numeric keypad to change the values.



TUNE

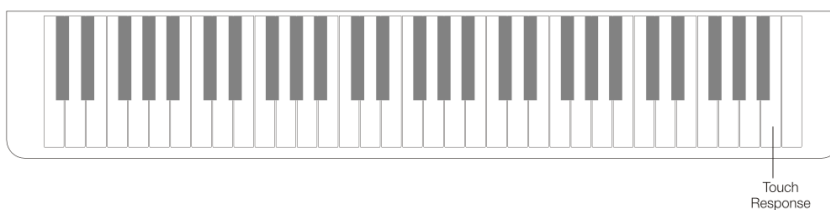
You can detune the instrument by one semitone up or down in steps of 2 cents. While holding down the **FUNCTION** button, press the highest key on the keyboard (C7).



The display shows "tun". While continuing to hold the **FUNCTION** button, select the desired tuning using the arrow buttons > and < on the numeric keypad. Press both arrow buttons simultaneously to return to the standard tuning.

Touch Response

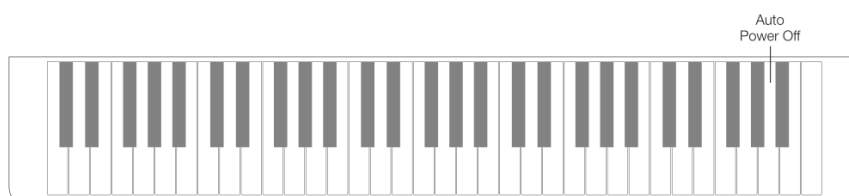
Select one of the four possible touch sensitivities (00 - OFF, 01 - Soft, 02 - Normal, 03 - Hard). While holding down the **FUNCTION** button, press the second highest key on the keyboard (H6).



The display shows "tou". While continuing to hold the **FUNCTION** button, select the desired touch sensitivity using the arrow buttons> and< on the numeric keypad.

Auto Power Off

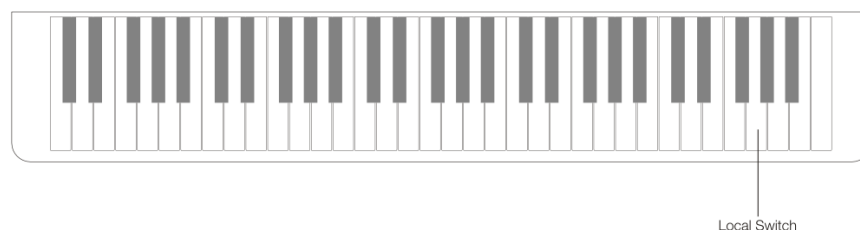
The instrument has an auto power-off function. To save energy, this switches the instrument off automatically if it is not used for several minutes. The values OFF (deactivated auto power-off function), 30 (thirty minutes switch-off time) and 90 (ninety minutes switch-off time) are available in this menu. While holding down the **FUNCTION** button, press the fourth highest button on the keypad (A6).



The display shows "PoF". While continuing to hold the **FUNCTION** button, select the desired value using the arrow buttons> and< on the numeric keypad.

Local Off

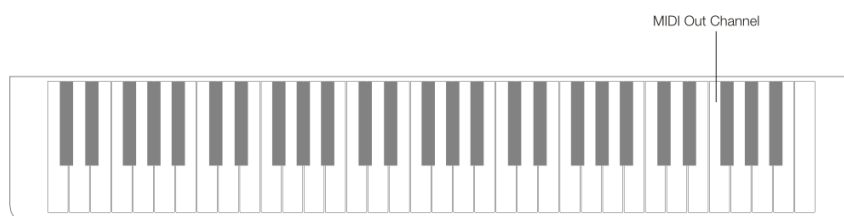
When controlling MIDI-capable applications, it can be helpful to deactivate the internal sound generator (Local Off) to prevent the simultaneous playback of sounds from the signal receiver and the keyboard. While holding down the **FUNCTION** button, press the sixth highest key on the keyboard (G6).



The display shows "Loc". While continuing to hold the **FUNCTION** button, select the desired value (ON or OFF) using the arrow buttons> and< on the numeric keypad.

MIDI Out Channel

There are 16 channels available for MIDI transmission. While holding down the **FUNCTION** button, press the eighth highest key on the keyboard (F6).

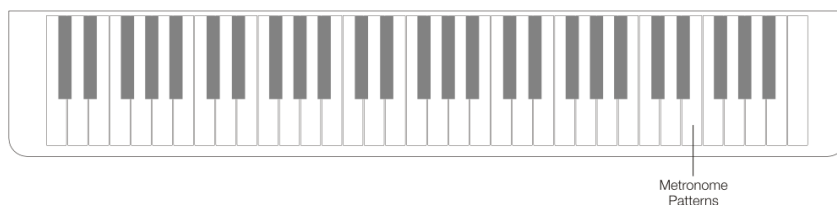


The display shows "CH". While continuing to hold the **FUNCTION** button, select the desired channel (01 to 16) using the arrow buttons> and< on the numeric keypad.

Metronome Patterns

Various time signatures are available for the metronome. Here, with the exception of the "00" setting, the first beat of the bar is emphasized by a bell. The following settings are available: 00 (no emphasis), 02 (emphasis on the first of two beats - two/quarter time), 03 (emphasis

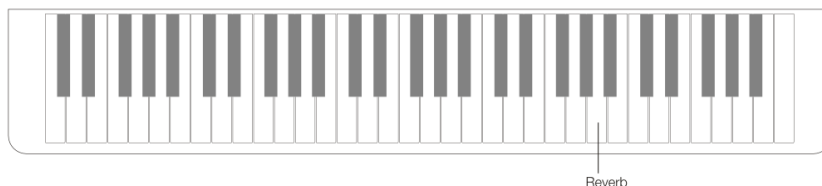
on the first of three beats - three/quarter time), 04 ... etc. up to 16. While holding down the **FUNCTION** button, press the ninth highest key on the keyboard (E6).



The display shows "bEt". While continuing to hold the **FUNCTION** button, select the desired value (00, 02, ...,16) using the arrow buttons> and< on the numeric keypad.

Hall

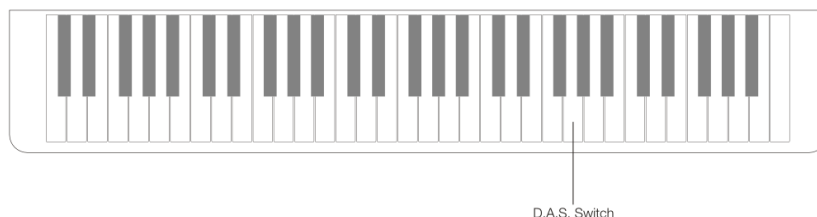
The instrument has a built-in reverb processor, which adds a spatial sound effect to the respective tone. While holding down the **FUNCTION** button, press the sixteenth-highest key on the keyboard (A5).



The display shows "rEb". While continuing to hold the **FUNCTION** button, select the desired value (00, 01, 02, ..., 10) using the arrow buttons> and< on the numeric keypad. Press both arrow buttons simultaneously to return to the default setting.

D.A.S (dynamic acoustic system)

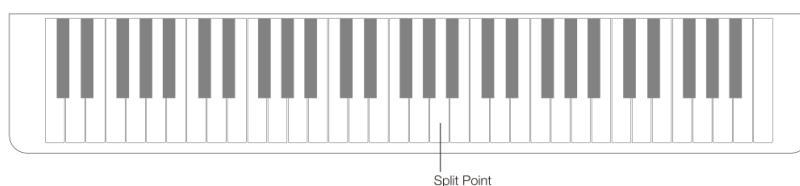
The instrument has a built-in dynamic range extender which can increase the dynamic range at lower volume settings. The factory-activated dynamic extender can be deactivated in this menu. While holding down the **FUNCTION** button, press the eighteenth-highest key on the keyboard (G5).



The display shows "dAS". While continuing to hold the **FUNCTION** button, select the desired value (ON, OFF) using the arrow buttons> and< on the numeric keypad.

Split point

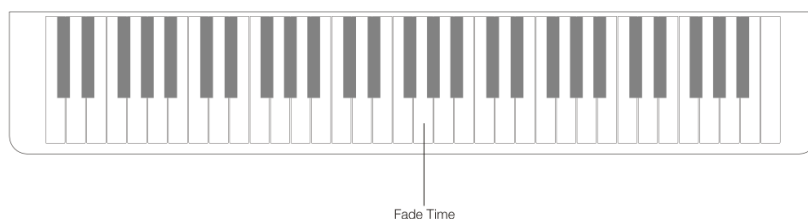
By default, the split point of the keyboard is on the nineteenth key from the left (F#3). While holding down the **FUNCTION** button, press the keyboard key A4 (twenty-eighth key from the right).



The display shows "SPL". While continuing to hold the **FUNCTION** button, select the desired position (01, 02, 03, ..., 61) of the split point using the arrow buttons> and< on the numeric keypad or by directly selecting the new split point by pressing the corresponding keyboard key.

Fade Time

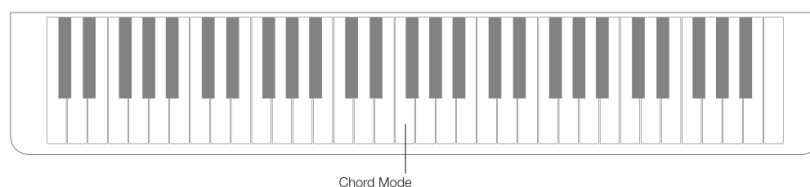
In this menu item, you can set the fade time of the fade-in/fade-out function of the automatic accompaniment. While holding down the **FUNCTION** button, press the keyboard key G4 (thirtieth key from the right).



The display shows "FAd". While continuing to hold the **FUNCTION** button, select the desired value in seconds (02, ..., 20) using the arrow buttons> and< on the numeric keypad. Press both arrow buttons simultaneously to return to the default value.

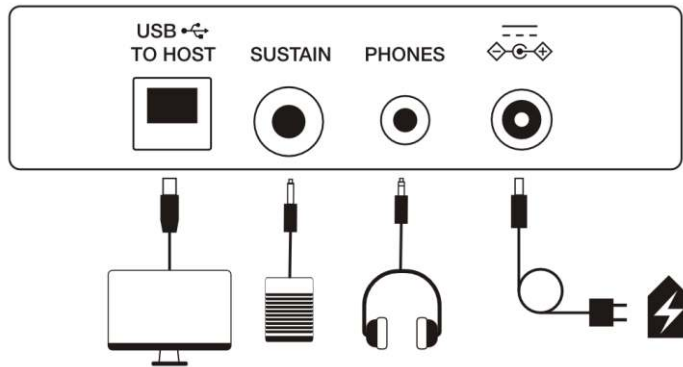
Chord Mode

By default, the automatic accompaniment's chord recognition only works in the left-hand keyboard range up to and including f # (keys 1 to 19 from the left). In this menu, you can extend the chord recognition to the entire keyboard range. While holding down the **FUNCTION** button, press the keyboard key F4 (thirty-second key from the right).



The display shows "Crd". While continuing to hold the **FUNCTION** button, select the desired value (Fin for standard or FuL for full keyboard) using the arrow buttons> and< on the numeric keypad.

Rear connections



USB TO HOST

You can use this connector to connect your instrument to a computer in order to use the instrument as an input device for MIDI-capable applications or to send audio data to the computer.

Pedal (SUSTAIN)

A sustain pedal (not included) can be connected to this socket.

Headphones (PHONES)

Connecting headphones to this 3.5mm socket deactivates the instrument's loudspeakers.

Note:

Ensure that the volume setting is appropriate. Excessive volume or prolonged use of headphones can cause hearing damage.

Power supply unit

This connection is used to supply power via an external power supply unit.

Note:

Only use the power supply unit supplied.

Trouble Shooting

If a malfunction occurs, please check the following sources of error.

Error	Cause	Solution
The piano does not emit any sound from the loudspeakers	<ol style="list-style-type: none"> 1. The volume is set to the lowest value 2. A headphone (adapter) is plugged into the headphone socket 	<ol style="list-style-type: none"> 1. Increase the volume setting 2. Remove the headphone (adapter) from the headphone socket
The left-hand keyboard area does not respond correctly.	The chord recognition is activated.	Deactivate the chord recognition
The instrument emits noise	<ol style="list-style-type: none"> 1. There are appliances with disruptive properties (freezer, washing machine, etc.) in the immediate vicinity 2. Objects on or near the instrument resonate with 3. The noise only occurs when using headphones 	<ol style="list-style-type: none"> 1. Remove the piano from the immediate vicinity of other electrical appliances (especially those with motors) 2. Remove resonating objects from the vicinity of the piano 3. Clean the headphone plug or replace the headphones

Product specifications

Keyboard	61 velocity-sensitive keys
Sounds	450
Rhythms	150
Demo/Songs	1/120
Amplifier power	2x5W
Connections	Headphones (3.5mm stereo jack), sustain (6.3mm jack), USB to host, power supply unit
Dimensions (WxDxH in mm)	916x305x90
Battery (optional)	6xAA
Power supply unit	DC 12V, min. 500mA, +inside

WEEE

(Waste of Electrical and Electronic Equipment)

Your product has been designed 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.

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 **KIRSTEIN.de**

Musikhaus Kirstein GmbH

Bernbeurener Str. 11

86956 Schongau - Germany

Phone: 0049-8861-909494-0

Mail: info@kirstein.de

