Startone★

MKR 49 Kids

User Manual

Roll-Up Keyboard

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1 General information

This document contains important instructions for the safe operation of the product. Read and follow the safety instructions and all other instructions. Keep the document for future reference. Make sure that it is available to all those using the product. If you sell the product to another user, be sure that they also receive this document.

Our products and documentation are subject to a process of continuous development. They are therefore subject to change. Please refer to the latest version of the documentation, which is ready for download under *www.thomann.de*.

1.1 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this document.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – danger zone.

2   Safety instructions

Intended use

This device is intended to be used for electronic sound generation using a piano keyboard. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety

DANGER!

Risk of injury and choking hazard for children!

Children can suffocate on packaging material and small parts. Children can injure themselves when handling the device. Never allow children to play with the packaging material and the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such knobs) that children could play with.

WARNING!

Possible hearing damage due to high volumes on speakers or headphones!

With speakers or headphones connected, the device can produce volume levels that may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage. Do not operate the device permanently at a high volume level. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment.

!

NOTICE!

Damage to an external power supply due to high voltages!

The device can be powered by an external power supply. The external power supply can be damaged if it is operated with the incorrect voltage or if high voltage peaks occur. In the worst case, excess voltages can also cause a risk of injury and fires. Make sure that the voltage specification on the external power supply matches the local power grid before plugging in the power supply. Only operate the external power supply from professionally installed mains sockets that are protected by a residual current circuit breaker (FI). Ensure that the power cord plug is easily accessible at all times if it is the only device to safely disconnect the device from the mains supply. As a precaution, disconnect the power supply from the power grid when storms are approaching or it the device will not be used for a longer period.

!

NOTICE!

Risk of fire due to incorrect polarity!

Incorrectly inserted batteries may cause fires and destroy the device and the batteries. Observe the markings on the batteries and on the device. Ensure that proper polarity is observed when inserting batteries.

!

NOTICE!

Possible damage due to leaking batteries!

Batteries can leak and cause permanent damage to the device. Take the batteries out of the device if it is not going to be used for an extended period of time.

!

NOTICE!

Damage to the device if operated in unsuitable ambient conditions!

The device can be damaged if it is operated in unsuitable ambient conditions. Only operate the device indoors within the ambient conditions specified in the "Technical specifications" chapter of this user manual. Avoid operating it in environments with direct sunlight, heavy dirt and strong vibrations. Avoid operating it in environments with strong temperature fluctuations. If temperature fluctuations cannot be avoided (for example after transport in low outside temperatures), do not switch on the device immediately. Never subject the device to liquids or moisture. Never move the device to another location while it is in operation. In environments with increased dirt levels (for example due to dust, smoke, nicotine or mist): Have the device cleaned by qualified specialists at regular intervals to prevent damage due to overheating and other malfunctions.

3   Features

The roll-up keyboard is characterized by the following features:

- 49 keys
- 128 pre-programmed sounds
- 128 pre-programmed styles
- 14 demo tracks
- Record and playback function
- Tempo control
- Sustain
- Digital display
- Built-in speaker
- Operation via USB or batteries (4 × AAA, not included in the scope of delivery)
- USB charge cable included, power supply available as an option (item no. 278119)
- Connections: Headphones output, USB charger connection, line input

4   Installation

The device can be operated via the supplied USB-C cable. Connect the cable to a suitable power supply (item no. 278119) and connect it to the power supply.

Alternatively the device can be operated with 4 × AAA batteries. Turn the device over, gently press the battery compartment cover and slide it outwards. Remove the cover. Insert the batteries in the battery compartment with the correct polarity. Push the cover back in the arrow direction to its original position until it engages.

After playing the silicone keyboard, roll it up loosely and keep the unit in its original packaging. Do not kink the silicone keyboard.

The unit automatically switches to standby mode when you don't press any key for about three minutes. To return the device to normal operating mode, press any key of the keyboard.

> **!** **NOTICE!**
> **Risk of fire due to incorrect polarity!**
>
> Incorrectly inserted batteries may cause fires and destroy the device and the batteries.
>
> Observe the markings on the batteries and on the device.
>
> Ensure that proper polarity is observed when inserting batteries.
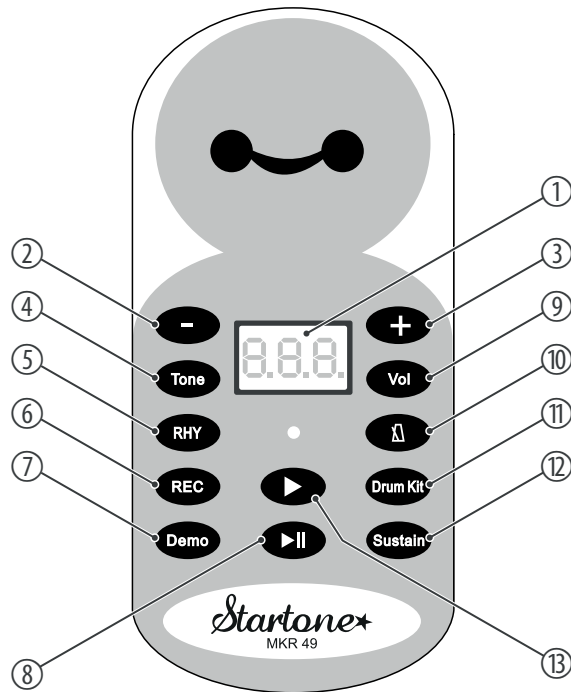
!

NOTICE!

Possible damage due to leaking batteries!

Batteries can leak and cause permanent damage to the device.

Take the batteries out of the device if it is not going to be used for an extended period of time.

5 Connections and controls

Control panel

1	Display
2	*[–]* | Button to decrease the displayed value by one.
3	*[+]* | Button to increase the displayed value by one.
4	*[Tone]* | Button for selecting sounds
	Press *[Tone]* to activate the selection. The display shows *'000'*. Press *[–]* or *[+]* to select one of the pre-programmed sounds *'000'* … *'127'*.
5	*[RHY]* | Button for selecting styles
	Press *[RHY]* to activate the selection. Press ▶❚❚ to play the style. The display shows *'000'*. Press *[–]* or *[+]* to select one of the pre-programmed styles *'000'* … *'127'*. Press ▶❚❚ again to stop playback of the style.
6	*[REC]* | Button to activate the "recording" mode (display shows *'REC'*).
	In this mode you can record your own sequences. Press ▶ to stop recording and play back the recording (display shows *'REP'*). The sequence is played once automatically after recording has ended. To stop playback of your recording, press ▶❚❚.
	If you press *[REC]* again and start recording, the previous sequence is overwritten.
7	*[Demo]* | Button to activate the "Demo" mode
	Press *[Demo]* to activate the selection. The display shows *'001'* and the first demo track is played immediately. Press *[Demo]* repeatedly and choose one of the pre-programmed demo tracks *'000'* … *'013'*.
	Press ▶❚❚ to stop playback of a demo track.
8	▶❚❚ | Button to start or end playback of styles and demo tracks

9	*[Vol]* | Volume control button
	Press *[Vol]* to activate the selection. The display shows the set volume. Press *[–]* or *[+]* to set a volume between *'000'* … *'015'*.
10	⏀ | Button to activate/deactivate the metronome
	Press ⏀ to activate the metronome. The metronome adapts to the currently played speed. Press ⏀ again to deactivate the metronome.
11	*[Drum Kit]* | Button to activate the "Drum Kit" mode.
	In this mode you create drum sounds using the various keys, (bass drum, snare, hi-hat, cymbals and effects). Press *[Drum Kit]* to activate the mode. The display shows *'ON'*. Press *[Drum Kit]* again to deactivate the mode. The display shows *'OFF'*.
12	*[Sustain]* | Button to activate/deactivate the sustain effect.
	Press *[Sustain]* to activate the selection. The display shows *'SUS'*. Press *[Sustain]* again to deactivate the selection. The display shows *'OFF'*.
13	▶ | Button to play back own recordings in recording mode.

Connections
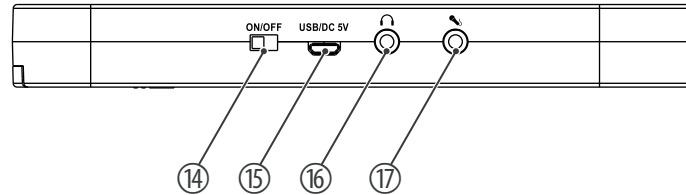
14	*[ON/OFF]* | Main switch. Turns the device on and off.
15	*[USB/DC 5V]* | Connection for the supplied USB cable for connecting to the power supply
16	⌒ | Headphone output, designed as 3.5 mm jack socket
17	✎ | Line input, designed as 3.5 mm jack socket

6 Demo tracks

No.	Name	No.	Name
000	Lily.mid	007	Milk Song
001	Winter Sonata	008	Childhood Memory
002	Kiyomi Cutie Song	009	Come into my dream
003	Beautiful Jazz	010	Violin HumorseQue
004	Forest Mist-Neptun	011	Snowdreams
005	Destiny	012	Dance of fireflies
006	Poetry of the Bird	013	My Soul

7   Sound list

No.	Name	No.	Name
Piano		012	Marimba
000	Piano 1	013	Xylophone
001	Piano 2	014	Tubular Bells
002	Piano 3	015	Santur
003	Honky-Tonk Piano	**Organ**	
004	Rhodes Piano	016	Hammond Organ
005	Chorused Piano	017	Percussive Organ
006	Harpsichord	018	Rock Organ
007	Clavinet	019	Church Organ
Percussion		020	Reed Organ
008	Celesta	021	Accordion
009	Glockenspiel	022	Harmonica
010	Music box	023	Bandoneon
011	Vibraphone		

Sound list

No.	Name	No.	Name
Guitar		038	Synth Bass 1
024	Acoustic Guitar (nylon)	039	Synth Bass 2
025	Acoustic Guitar (steel)	**String Solo**	
026	Electric Guitar (jazz)	040	Violin
027	Electric Guitar (clean)	041	Viola
028	Electric Guitar (muted)	042	Cello
029	Overdriven Guitar	043	Contrabass
030	Distortion Guitar	044	Tremolo Strings
031	Guitar Harmonics	045	Pizzicato Strings
Bass		046	Orchestral Harp
032	Acoustic Bass	047	Timpani
033	Electric Bass (finger)	**Chorus**	
034	Electric Bass (pick)	048	String Ensemble 1
035	Fretless Bass	049	String Ensemble 2
036	Slap Bass 1	050	SynthStrings 1
037	Slap Bass 2	051	SynthStrings 2

No.	Name	No.	Name
052	Choir Aahs	066	Tenor Sax
053	Voice Oohs	067	Baritone Sax
054	Synth Voice	068	Oboe
055	Orchestra hit	069	English Horn
Brass instrument		070	Bassoon
056	Trumpet	071	Clarinet
057	Trombone	**Wild instrument**	
058	Tuba	072	Piccolo
059	Muted Trumpet	073	Flute
060	French Horn	074	Recorder
061	Brass Section	075	Pan Flute
062	Synth Brass 1	076	Bottle Blow
063	Synth Brass 2	077	Skakuhachi
Reed instrument		078	Whistle
064	Soprano Sax	079	Ocarina
065	Alto Sax		

Sound list

No.	Name	No.	Name
Synthetic tonic		094	Pad 7 (halo)
080	Lead 1 (square)	095	Pad 8 (sweep)
081	Lead 2 (sawtooth)	**Synthetic effects**	
082	Lead 3 (calliope lead)	096	FX 1 (rain)
083	Lead 4 (chiff lead)	097	FX 2 (soundtrack)
084	Lead 5 (charang)	098	FX 3 (crystal)
085	Lead 6 (voice)	099	FX 4 (atmosphere)
086	Lead 7 (fifths)	100	FX 5 (brightness)
087	Lead 8 (bass+lead)	101	FX 6 (goblins)
Synthetic soft tone		102	FX 7 (echoes)
088	Pad 1 (new age)	103	FX 8 (sci-fi)
089	Pad 2 (warm)	**Tribal instrument**	
090	Pad 3 (polysynth)	104	Sitar
091	Pad 4 (choir)	105	Banjo
092	Pad 5 (bowed)	106	Shamisen
093	Pad 6 (metallic)	107	Koto

No.	Name	No.	Name
108	Alimba	118	Synth Drum
109	Bagpipe	119	Reverse Cymbal
110	Fiddle	**Sound effects**	
111	Shanai	120	Guitar Fret Noise
Percussion		121	Breath Noise
112	Tinkle Bell	122	Seashore
113	Agogo	123	Bird Tweet
114	Steel Drums	124	Telephone Ring
115	Woodblock	125	Helicopter
116	Taiko Drum	126	Applause
117	Melodic Tom	127	Gun shot

8   Style list

No.	Name	No.	Name
000	Beguine Swing	014	Easy Waltz
001	Beguine1	015	Shuffle Waltz
002	Beguine2	016	Reggae Waltz
003	Pophit	017	Rumba Waltz
004	Pop	018	March 1
005	Pop Malay	019	March 2
006	Bossa nova	020	Rumba 1
007	Disco 1	021	Rumba 2
008	Disco 2	022	Slow 1
009	Blue grass disco	023	Slow 2
010	Waltzl 1	024	Discocha
011	Waltzl 2	025	Guaracha
012	True ballad waltz	026	Charl
013	Bossa Waltz	027	Samba1

No.	Name	No.	Name
028	Samba2	044	Rock 2
029	Ubminimal	045	Rock 3
030	8Bit1	046	Airy Rock
031	8Bit2	047	Heart Rock
032	16Bit1	048	Rock & Roll
033	16Bit2	049	Urban
034	Ballad16T	050	Ballad
035	Country16T	051	Jazz Ballad
036	Tango1	052	C.Ballad
037	Tango2	053	4J.Ballad
038	Polka1	054	60s Slow Ballad
039	Polka2	055	Piano Ballad
040	Pop Swing	056	50s Ballad
041	Easy Swing	057	Snake Base
042	Soft Swing	058	Happy Blues
043	Rock 1	059	Old Blues

Style list

No.	Name	No.	Name
060	Blue Grass	076	Salsa3
061	Boodie1	077	Tecno 1
062	Boodie2	078	Tecno 2
063	Boodie3	079	Funky 1
064	Shuffle 1	080	Funky 2
065	Shuffle 2	081	Dixie 1
066	Dream Shuffle	082	Dixie 2
067	Country Shuffle	083	Foxtrot 1
068	Quick Shuffle	084	Foxtrot 2
069	Reggae Shuffle	085	R.roll 1
070	R&B	086	R.roll 2
071	1Reggaepulse	087	Fast Beat
072	Reggae1	088	Quick Beat
073	Reggae2	089	Smooth Beat
074	Salsa1	090	Square Beat
075	Salsa2	091	Euro Beat

No.	Name	No.	Name
092	Alpha Dance	108	Industrial Folk
093	Beta Dance	109	Slowpure
094	Dream Dance	110	SimpleJam
095	Dance1	111	Synthethix
096	Dance2	112	Feel
097	Dance3	113	Accelerate
098	Rap	114	Beach Night
099	The Village	115	Irish
100	Country Shuffle	116	Tarantella
101	Electric Keys	117	Big band
102	Dark Keys	118	Dandut
103	Easy Walk	119	Fusion
104	Destiny	120	House
105	Comedy	121	Keron
106	Drive	122	Latin
107	Liquid Nova	123	Mambo

No.	Name	No.	Name
124	Newage	126	Soul
125	Slowrc	127	Twist

9   Technical specifications

Input connections	USB	Micro USB
	Line	3.5 mm jack socket
Output connections	Headphones	3.5 mm jack socket
Keyboard	Roll-up silicone keyboard with 49 keys	
Sounds	128	
Styles	128	
Demo and practice tracks	14	
Speaker	0.5 W, 8 Ω	
Power supply	External power adapter, 100 - 240 V ∼ 50/60 Hz	
Power adapter	Secondary current	1000 mA
	Secondary voltage	5 V ⎓
Battery	Battery type	4 × AAA
	Voltage	1.5 V
Dimensions of control panel (W × H × D)	72 mm × 21 mm × 175 mm	
Dimensions of keyboard (W × H × D)	717 mm × 9 mm × 124 mm	

Weight	554 g	
Ambient conditions	Temperature range	0 °C…40 °C
	Relative humidity	20%…80% (non-condensing)

Further information

|	
Buttons	49
Illuminated buttons	no
Touch velocity	no
Aftertouch	no
Lyrics function	no
Score function	no
Vocal Harmony	no
USB audio recorder	no
MIDI interface	None
Line input	yes
USB	yes
Speaker	yes

10 Protecting the environment

Disposal of the packing material
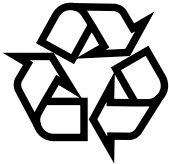
Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of in the proper manner.

Do not dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the instructions and markings on the packaging.
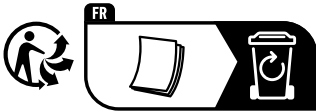
Observe the disposal note regarding documentation in France.

Disposal of batteries

Batteries must not be thrown away or burnt, but must instead be disposed of in line with the local regulations on the disposal of hazardous waste. Use the available collection sites.

Before disposing of your old device, remove the batteries if this is possible without destroying it.

Dispose of the batteries or rechargeable batteries at suitable collection points or through your local waste facility.

Disposal of your old device
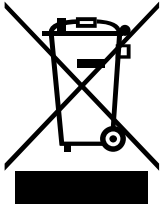
This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) as amended.

Do not dispose of your old device with your normal household waste; instead, deliver it for controlled disposal by an approved waste disposal firm or through your local waste facility. If in doubt, consult your local waste management facility. You can also return the device to a retailer if they offer to take the device back for free or if they are legally obliged to do so. When disposing of the device, comply with the rules and regulations that apply in your country. You can also return your old device to Thomann GmbH at no charge. Check the current conditions on *www.thomann.de*.

Proper disposal protects the environment as well as the health of your fellow human beings. This is because the proper handling of old devices negates the potential negative effects of hazardous substances, and because it conserves resources by recycling them.

Also note that waste avoidance is a valuable contribution to environmental protection. Repairing a device or passing it on to another user is an ecologically valuable alternative to disposal.

If your old device contains personal data, delete those data before disposing of it.

Notes

Notes