25 Keys
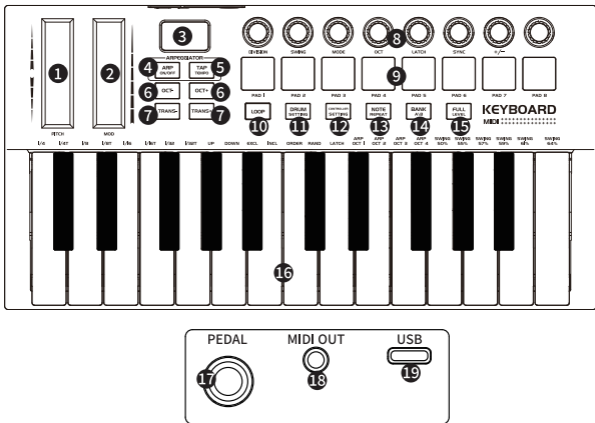# MIDI keyboard
user manual

| WINDOWS | MAC OS | Sustain | MIDI OUT |

Sincerely thank you for buying our company's MIDI keyboard.

The company has been specialized in developing and producing a series of products such as MIDI keyboard,portable electronic piano,hand-rolled pianos and hand-rolled drums for 15 years.This product is a lightweight product that is very easy to carry.In order to give full play to the best use effect of the product,Please use it strictly in accordance with the instructions and precautions.Hope you can have a pleasant use process.

Thanks for your cooperation!

Ⅰ.Product function introduction:

.MIDI controller
.25 standard keys (includes black key)
.Pitch function
.OCT- or OCT +
.Semitone transposition
.ARP auto accompaniment function
.Drum pad setting:0-127
.8 pads:PAD 1-PAD 8

.Customized controllers:controller 1-controller 8
.Arpeggi function
.Full Level function
.OLED display
.Sustain pedal interface
.Bluetooth MIDI/USB MIDI
.Power supply:USB 5V/1A supply

Ⅱ.Function button description:

1	PITCH	PITCH Bend	11	Drum setting	Drum setting
2	MOD	Modulation	12	Controller setting	Controller setting
3	▭	OLED display	13	Note repeat	Note repeat
4	ARP ON/OFF	ARP ON/OFF	14	Bank A/B	BANK A/B
5	TAP TEMPO	TAP tempo	15	Full Level	Full Level
6	OCT-/+	Octave Down / Up	16	Keyboard	Velocity Sensitive Keypad
7	TRANS-/+	Transpose Down / Up	17	◎	Sustain pedal interface
8	◎	Assignable Control Knobs	18	◎	MIDI OUT
9	▭	Colorful sensitive pads	19	⬭	TYPE C interface
10	LOOP	LOOP	20		

III. Controls and External Connections

1.Pitch

Up and down for Pitch.

2.Mod

UP and down for vibrato.

3.Display

The display shows the controller's settings. The default screen shows the currently selected programme and BPM.

4.ARP On/Off

3.Press this button to turn the Arpeggiator on or off. Pressing it during a latched arpeggio will stop the arpeggio.
Hold down the ARP On/Off to change the arpeggiator settings. The settings can be changed using the keyboard keys or the controller knobs. The arpeggiator functions are written above the keys and below the control knobs.

5.Tap Tempo

Tap this button at the desired rate to determine the tempo of the Arpeggiator, Note Repeat or Loop function. Press and hold the TAP TEMPO button to turn off.
Note: This button is disabled if the Arpeggiator is synced to an external clock.

6.Octave Down / Up

Use these buttons to shift the keyboard's range up or down (up to three octaves in either direction). When you are higher or lower than the centre octave, the corresponding Octave button will light.

7.Transpose Down / Up

Pressing the transpose buttons alters the musical scale of the note being played. You can adjust the scale by 6 levels upwards or 5 levels downwards.

8.Assignable Control Knobs

Each endlessly rotatable knob sends a MIDI CC message. The Control knobs can also be used for Arpeggiator control when the ARP On/Off button is pressed and held..

9.Assignable Pads

The pads can be used to trigger drum hits or other samples in your DAW software. The pads are velocity-sensitive, which makes them very responsive and intuitive to play. The MIDI message each pad sends can be adjusted using the Pad Setting function.

10.Loop

Press and hold the Loop button while playing some notes. When the Loop button is released the notes will start to Loop repeatedly.

11.Pad Setting

Each of the 16 PADs (8 in each Bank A or B) can be configured to output a specific MIDI Note message. This function is used to match the MIDI controller to a specific DAW software that is expecting a certain MIDI Note message. Press and hold the PAD Setting button and it will light up red to indicate that the PADs are in edit mode. Select PAD Bank A or B as desired. Rotate the Control Knob above the relevant PAD until the desired MIDI Note message number is shown on the display. When all the PADs have been configured, release the PAD Setting button to exit the edit mode.

12.Controller Setting

Each of the eight control knobs can be configured to output a specific MIDI CC message. This function is used to match the MIDI controller to a specific DAW software that is expecting a certain MIDI CC message.
Press and hold the Controller Setting button and it will light up red to indicate that the Control Knobs are in edit mode. Rotate one or more of the Control Knobs until the desired MIDI CC message number is shown on the display. When the knobs have been configured, release the Controller Setting button to exit the edit mode.

13.Note Repeat

Press this button to enter Note Repeat mode. Striking a pad and then holding it will cause the pad to retrigger at a rate based on the current Tempo and Time Division settings. Press and hold the Note Repeat button to make changes to the Tempo, Time Division and Swing settings, using the control knobs or the keys.

14.Bank A/B

Press this button to switch pads between Pad Bank A or Pad Bank B.

15.Full Level

Press this button to activate or deactivate Full Level Mode in which the pads always play at a maximum velocity (127), no matter how hard or soft you hit them.

16.Keyboard

This keyboard has 25 velocity-sensitive keys and in conjunction with the Octave Down / Up buttons, can control a ten-octave range.

17.Sustain Pedal Input

Connect an optional 6.35 mm TS sustain pedal to this input.
NOTE: Connect the pedal first before powering on the MIDI controller to ensure correct operation.

18.MIDI Out

Plug a 3.5mm TRS cable (not supplied) into the back of the MIDI controller for use with external synthesisers. This controller uses the Type A MIDI connection standard.

19.USB

19.Unwind the USB power cable to its full length; connect one end to the USB C Socket on the back of the MIDI controller. Connect the other end to a USB power adapter or PC USB port. The charge indicator LED on the back of the MIDI will light up red to indicate charging and will go green when fully charged.
Charge for at least 3 hours before first use. Also use for a USB MIDI connection to a host computer or tablet device.

Arpeggiator Settings

DIVISION: 1/4 note, 1/4 note triplet (1/4T), 1/8 note, 1/8 note triplet (1/8T), 1/16 note, 1/16 note triplet (1/16T), 1/32 note, or 1/32 note triplet (1/32T).

SWING: 50% (no swing), 55%, 57%, 59%, 61%, or 64% (50 - 75% using the control knob).

MODE: The mode setting determines how the arpeggiated notes are played back.
UP - Notes will sound from the lowest to the highest.
DOWN - Notes will sound from the highest to lowest.
INCL (Inclusive) - Notes will sound from the lowest to the highest, and then back down. The lowest and highest notes will sound twice at the directional change.
EXCL (Exclusive) - Notes will sound from the lowest to the highest, and then back down. The lowest and highest notes will sound only once at the directional change.
ORDER - Notes will sound in the order they were pressed.
RAND (Random) - Notes will sound in a random order.

OCT: Arpeggiator octave range. Select 1, 2, 3 or 4 octaves.

LATCH: ON - The Arpeggiator will continue to arpeggiate the notes even after you lift your fingers.
OFF - The Arpeggiator will stop playing the notes as soon as you lift your fingers off the keys.
While holding down the keys, you can add more notes to the arpeggiated chord by pressing down additional keys. If you press the keys, release them, and then press down a new combination of notes, the Arpeggiator will memorize and arpeggiate the new notes.

SYNC: Used to select internal or external synchronisation.

+/- : For Tempo control.

Device Setup

To select the MIDI keyboard as a controller for your Digital Audio Workstation (DAW) or Software Synthesiser:

1. Connect the controller to your computer using Bluetooth or with the USB cable supplied. If you are connecting to a USB hub, then make sure it is a powered hub.
2. Open your DAW or Synth application.
3. Open your DAW or Synth Settings, Options, or Device Setup, select Midi piano as your hardware controller, and then close that window. Your controller is now able to communicate with your software.

Recommended DAWs

Your Midi piano controller has been designed to work with the following DAWs and most others.

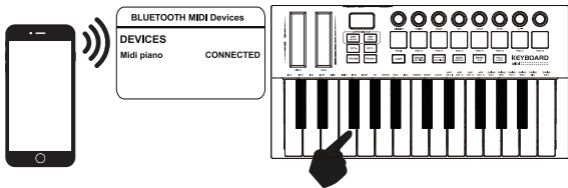GARAGEBAND   FLSTUDIO 20   LOGIC PRO X   MPC BEATS   ABLETON

DAWs can be downloaded from the websites of the various developers. DAWs give you a visual and intuitive way to compose music using the MIDI messages sent from the MIDI controller.

Bluetooth MIDI:

Switch on the MIDI keyboard (the Bluetooth function will switch on automatically) and then open the DAW app that supports Bluetooth MIDI operation such as 'Gargeband'. Search and connect "Midi piano" from the APPs settings or advanced function. Press any of the keyboard keys and sound should be heard to indicate the device has been connected successfully.

Note: Do not try and connect via the standard Bluetooth Settings of the Phone or Tablet device as that will not work.
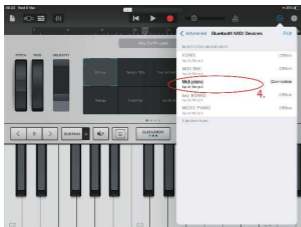
Example - Setting up the MIDI Controller with Garageband

1. Go to the Settings Icon

2. Select Advanced from the drop down menu.

3. Select Bluetooth MIDI Devices.

4. Select Midi piano from the drop down menu to connect.

Standard MIDI Control CC Messages

NO	Parameter	NO	Parameter
000	Bank Select	067	Soft pedal（On/Off）
001	Modulation Wheel	068	Legato Footswitch（On/Off）
002	Breath Control	069	Hold2（On/Off）
003	N/A	070	Sound Variation
004	Foot Pedal	071	Harmonic Intensity
005	Portamento Time	072	ReleaseTime
006	Data Entry	073	Attack Time
007	Volume Level	074	Brightness
008	Balace	075-079	
009	N/A	080-083	General Purpose Controller
010	Pan	084	Portamento Controlller
011	Expression	085-090	
012-015	N/A	091	Reverb Level
016-020	General Purpose Controller	092	Tremolo Level
021-031	N/A	093	Chorus Level
032	Bank Select（Fine）	094	Celeste Level
033	Modulation Wheel（Fine）	095	Phaser Level
034	Breath Controller（Fine）	096	Data Increment（Data Entry +1）
035	N/A	097	Data Decrement（Data Entry -1）
036	Foot Pedal（Fine）	098	Non-registered Parameter（Fine）
037	Portamento Time（Fine）	099	Non-registered Parameter（Coarse）
038	Data Entry（Fine）	100	registered Parameter（Fine）
039	Volume Level（Fine）	101	registered Parameter（Coarse）
040	Balance（Fine）	102-119	N/A
041	N/A	120	
042	Pan（Fine）	121	All Controllers Off
043	Expression（Fine）	122	Local Control
044	Effect Control1（Fine）	123	All Note Off
045	Effect Control2（Fine）	124	Omni Off
046-063	N/A	125	Omni On
064	Sustain Pedal（On/Off）	126	Mono On
065	Portamento（On/Off）	127	Poly On
066	Sostenuto（On/Off）		

Troubleshooting

Problem	Possible Reason / Solution
The MIDI controller behaves erratically or its output becomes intermittent.	This could happen if the internal battery is running low. Please recharge the device for an hour or so to resume consistent operation.
When used with a hardware synthesiser as a controller, the hardware synthesiser does not respond to key presses.	Use of incorrect MIDI cable. Make sure that the MIDI cable being used is the correct type for the synthesiser as there are two connection standards, type A and type B.
The MIDI output messages from the controller are not as required and you have lost track of the controller and PAD settings.	Follow the procedure to reset to default settings for the Controllers and/or PADs and then start the customisation again.
The APP running on the tablet device does not respond to the key presses on the MIDI controller.	Try exiting or force closing the APP. Restart the APP and then make the MIDI connection again either via the Bluetooth settings in the APP or with a wired connection.
Bluetooth MIDI cannot be connected from Bluetooth settings of the mobile phone or tablet.	This is not a fault. The Bluetooth MIDI connection needs to be made from the APP that supports Bluetooth MIDI such as 'Garageband'. It cannot be made from Bluetooth Settings.
The MIDI controller does not respond correctly to the sustain pedal input.	The sustain pedal was plugged in while the MIDI control was already switched on. Power off the MIDI controller. Disconnect and reconnect the sustain pedal. Repower the MIDI controller.