FESLEY

TO LEAD A NEW COOL

USER MANUAL

PAD CONTROLLER

To connect directly with our Support team,please email ✉ support@fesleymusic.com

We are very grateful to have you purchasing our product. Please take a few minutes to read the instructions for operating this product, which will show you how to use it and explain the function and operation of the device, ensuring a trouble-free installation.

Please keep these operating instructions properly for reference in the future.

Warning:

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

To reduce the risk of fire, electric shock and annoying interference, please use only the recommended accessories for uninterrupted service of this device!

*Design and specifications may change without notice

⚠ WARNING
ELECTRIC SHOCK HAZARD
DO NOT OPEN

INTRODUCTION

Thank you for purchasing the PAD!

The PAD is an extraordinarily compact controller that you can use to control virtual instrument software, synthesizer, and other midi devices. 16 percussion pads with multi-light effects enable you to play samples in real-time. The versatile and easy-to-operate PAD will be a powerful partner for studio or stage performances.

PRECAUTIONS

Please read the following in detail first before operation.

● Keep and follow these instructions.

● Do not store it in the following environments: Direct sunlight, high temperature, excessive humidity, excessive dust, and strong vibration.

● Do not disassemble or modify this product to avoid the danger of fire and electric shock.

● Do not submerge in water or drop water onto or into it.

● Do not place this product on an uneven surface or any other unstable place.

● Before cleaning the instrument, always remove the USB cable. Do not clean the product with thinners, alcohol, or similar chemicals to avoid discoloration.

● Do not insert small objects into the product.

● Unplug this product during lightning storms and long-time disuse.

FEATURES

● 16 colorful velocity-sensitive pads record 48 custom sound sources.

● 2+2 Assignable knobs, buttons for freedom adjustment.

● The powerful NR function provides more ways for music creation.

● Multi-color backlit pads provide a unique experience for creating beats.

● Plug and play functionality, no driver installation required.

● 3.5mm MIDI OUT jack for transmitting Midi messages to synthesizers, sequencers, etc.

● Only need a USB cable that you can easily and quickly establish your own creation system.

PACKAGE INCLUDES

PAD Controller	x 1	USB A to C Adapter	x 1
Standard USB Cable	x 1	User Manual	x 1
3.5mm to 5-pin MIDI Cable	x 1		

1.Product Overview
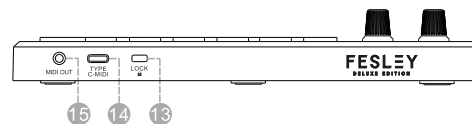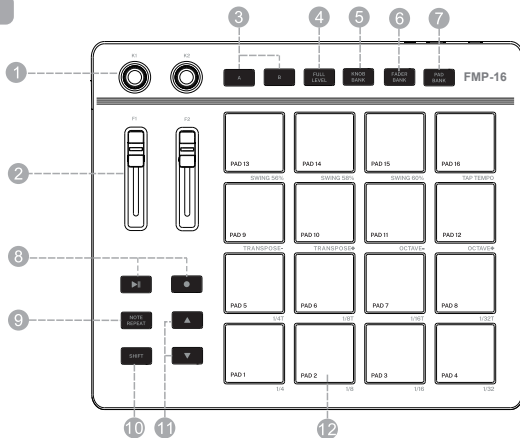
① Assignable Knob	⑥ Fader Bank Button	⑪ Up/Down Button
② Assignable Fader	⑦ Pad Bank Button	⑫ Percussion Pad Area
③ Assignable A/B Button	⑧ Transport Button	⑬ LOCK Slot
④ Full Level Button	⑨ Note Repeat Button	⑭ TYPE C-MIDI Jack
⑤ Knob Bank Button	⑩ Shift Button	⑮ MIDI OUT Jack

2.Recommended DAW Software

PAD will show as an input device and output device in the DAW midi settings. Before starting composing music, you need to set ˙PAD as the input device in the "MIDI Setup" of DAW.

After this setup, your software can receive notes and controller data from PAD. (Every application does this a little differently, so refer to your software user manual for the settings. If you have any questions, please contact customer service.)

The list of recommended DAW software is as follows:

|						
● Ableton Live	● FL Studio	● Pro Tools	● GarageBand	● Reason	● Audition	● Logic
● Cakewalk Sonar	● Studio One	● Reaper	● Kontakt	● Waveform	● Cubase/Nuendo	

3.Power Supply

If you connect your PAD to your computer via USB, no additional power supply is required and your PAD can be charged directly from your computer. However, if you use the PAD without a USB port on your computer, you will need an external power supply (5V 500mA).

BASIC OPERATION

As a MIDI controller, the unit does not actually produce sound on its own when played. Instead, it sends MIDI notes and data to a connected external MIDI synthesizer or sound software on a connected computer.

1.Quick Start

① Connect the PAD to your computer using the supplied USB cable. The unit will receive power and transmit MIDI data via the USB connection.

② Configure your DAW or virtual instrument software and set the PAD as the MIDI Input and MIDI Output device.

③ Connect the PAD with an external MIDI device, connect a MIDI cable to the MIDI OUT on the rear of the PAD, and to the MIDI IN of the external device.

USB Type-C Cable

MIDI Cable

Computer

Synthesizer, Sequencer, External Source
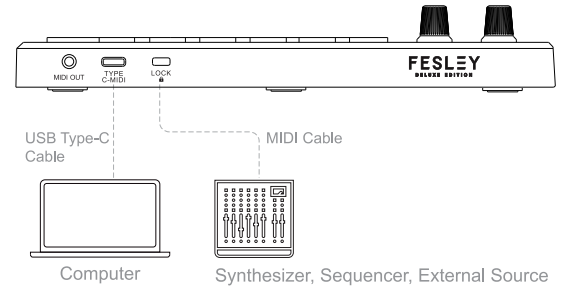
2.Side Panel Function

MIDI OUT
Use a 3.5mm jack midi cable to connect the PAD to an external MIDI device.

TYPE C USB PORT
Use a USB cable to connect your computer or other devices to power the keyboard or data transmission.

LOCK SLOT
Kensington lock slot, used with a standard Kensington lock, for anti-snatch and anti-theft.

INTRODUCTION:

CC: Continuous Controller, this is a MIDI message capable of transmitting a range of values, usually 0-127. (Hereinafter called CC).

CN: Channel, this can be simply understood as a path, generally used for voice classification, usually 1-16. (Hereinafter called CN).

MODE: Edit the trigger mode of pads and buttons, there are two modes as follows:

◆Toggle: It sends its message continuously when it is first pressed and stops sending it when it is pressed again. (Light on when pressed, light off when pressed again).

◆Momentary: It sends its message while being pressed and stops sending it when it is released. (Light on when short pressed, light off when released).

**CURVE:** The keyboard and pad have three kinds of curves. (as shown in the figure).
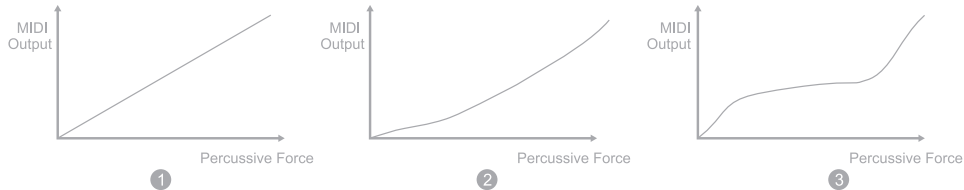
AT-AFTER TOUCH: For the pad and keyboard, after the first touch, pressing it with force again will send continuous signals to make the notes produce multiple effects when the AT function is enabled.

ASSIGNABLE PAD AREA (PAD 1-PAD 16)

1. PAD features 16 velocity-sensitive pads for playing and sending note messages.
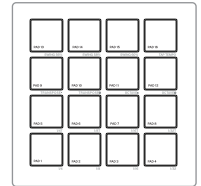
2. Assignable pads can be edited through " PAD Editor" software, including MIDI note/CC message/ CN message/AT type/MODE type/Curve mode/Color.
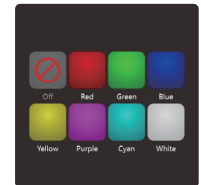
PAD BANK

1. Press to switch BANK A/ BANK B/ BANK C/ (Corresponding to red, green, and blue), there are 48 pads for you to edit. The default CC of Bank A is 36-51,

Bank B is 52-67, and Bank C is 68-83.

2. The default output for the pads is as follows:

BANK A

Pad	Midi Note	Default CN
Pad 1	C1 / 36	10
Pad 2	C#1 / 37	10
Pad 3	D1 /38	10
Pad 4	D#1 / 39	10
Pad 5	E1 / 40	10
Pad 6	F1 / 41	10
Pad 7	F#1/ 42	10
Pad 8	G1 / 43	10
Pad 9	G#1/ 44	10
Pad 10	A1/ 45	10
Pad 11	A#1/ 46	10
Pad 12	B1/ 47	10
Pad 13	C2/ 48	10
Pad 14	C#2/ 49	10
Pad 15	D2/ 50	10
Pad 16	D#2/51	10

BANK B

Pad	Midi Note	Default CN
Pad 17	E2/52	10
Pad 18	F2/53	10
Pad 19	F#2/54	10
Pad 20	G2/55	10
Pad 21	G#2/56	10
Pad 22	A2/57	10
Pad 23	A#2/58	10
Pad 24	B2/59	10
Pad 25	C3/60	10
Pad 26	C#3/61	10
Pad 27	D3/62	10
Pad 28	D#3/63	10
Pad 29	E3/64	10
Pad 30	F3/65	10
Pad 31	F#3/66	10
Pad 32	G3/67	10

BANK C

Pad	Midi Note	Default CN
Pad 33	G#3/68	10
Pad 34	A3/69	10
Pad 35	A#3/70	10
Pad 36	B3/71	10
Pad 37	C4/72	10
Pad 38	C#4/73	10
Pad 39	D4/74	10
Pad 40	D#4/75	10
Pad 41	E4/76	10
Pad 42	F4/77	10
Pad 43	F#4/78	10
Pad 44	G4/79	10
Pad 45	G#4/80	10
Pad 46	A4/81	10
Pad 47	A#4/82	10
Pad 48	B4/83	10

ASSIGNABLE KNOB

1. The knob is freely programmable and needs to map by DAW software for realizing function.
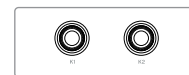
2. Various assignments, including CC and CN messages, also can be set for each of the 2 knobs through " **PAD Editor**".
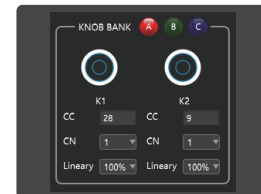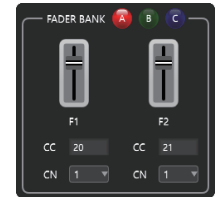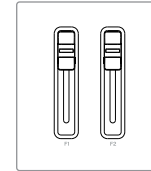
KNOB BANK

Press to switch BANK A/ BANK B/ BANK C/ (Corresponding to red, green, and blue), there are 6 Knobs for you to edit. The default Bank A is K1-K2, Bank B is K3-K4, and Bank C is K5-K6.

ASSIGNABLE FADER

1. The fader is freely programmable and needs to map by DAW software for realizing function.
2. Various assignments, including CC and CN messages, also can be set for each of the 2 faders through " **PAD Editor**".


FADER BANK

Press to switch BANK A/ BANK B/ BANK C/ (Corresponding to red, green, and blue), there are 6 Faders for you to edit. The default Bank A is F1-F2, Bank B is F3-F4, and Bank C is F5-F6.

ASSIGNABLE BUTTON

1. The button is freely programmable and needs to map by DAW software for realizing function.
2. Various assignments, including CC and CN messages, mode type, and color,
   also can be set for each of the 2 buttons through
   "`PAD Editor".
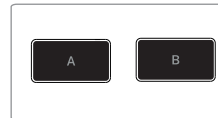
FULL LEVEL

1. Press the **[FULL LEVEL]** button to turn it on (light on). Once press it to turn off. (light off).
2. The maximum value of output for both the percussion pad and keyboard no matter how much force it is pressed.

TRANSPORT BUTTON

1. The default is Stop /Play and REC but notes that the transport button of DAW software needs to be mapped manually. They can also be assigned to control different parameters in the Setup Mode, similar to the function buttons.
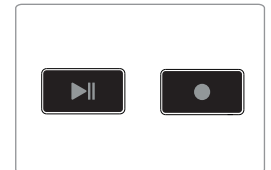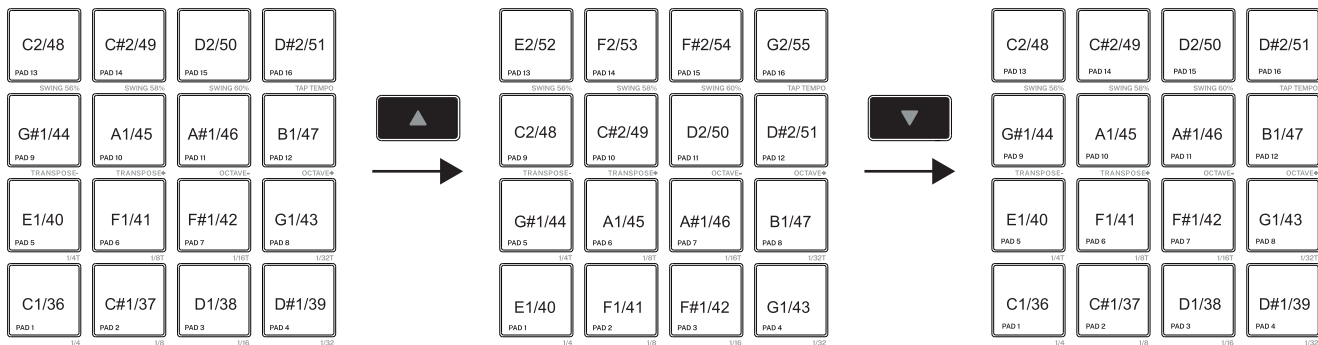
PLAY / STOP BUTTON	1.Activate the stop function of the DAW. 2.Start playing or stopping the audio track at the cursor position of your software.
REC BUTTON	1.Activate the rec function of the DAW. 2.Press the Record button will start playing and recording.

UP/DOWN BUTTON

1. Press the [UP] / [DOWN] button to move the percussion pad block up/down to 4 squares.

e.g.

NOTE REPEAT

1. Press the [NOTE REPEAT] button to turn it on (light on). Once press it to turn off. (light off).

2. After enabling the Note Repeat function, press and hold the percussion pad, the notes are sent continuously according to the set time division, swing, etc.

SHIFT

1. Press the [SHIFT] button to enable the functions on the percussion pad and disable the note function of the percussion pad. (light on).

2. Once press the [SHIFT] button to disable the functions on the percussion pad and enable the note function of the percussion pad. (light off).

① **Time Division**

- Pad 1-Pad 8 are the beat rates of note repeat, corresponding to 1/4, 1/8, 1/16, 1/4T, 1/8T, 1/16T, and 1/32T.
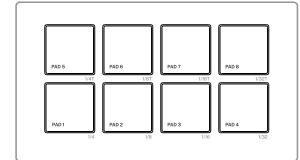
② **Transpose- and Transpose+**

- Pad 9-Pad 10 are Transpose- and Transpose+ functions, which allow you to adjust the pitch of the notes being played up or down by one or more semitones.

- Semitone down and Semitone up, adjustable 12 semitones (-12 to +12 semitones) respectively.
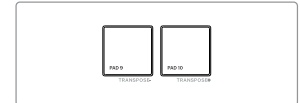
③ **Octave- and Octave+**

- Pad 11-Pad 12 are OCTAVE- and OCTAVE+ functions, which allow you to adjust the pitch of the notes being played up or down by one or more whole octaves.

- Octave up and Octave down, adjustable by 4 octaves (-4 to +4 octaves) respectively.
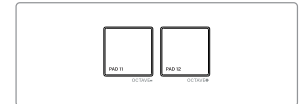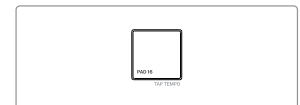
④ **Swing**

- Used to select swing rates of note repetition, corresponding to 56%, 58%, and 60%.

⑤ **Tap Tempo**

- Consecutive 3 times to tap the Pad16, and the average tempo of three taps will be the tempo speed.

CHANGE THE SWING RATE
Step 1: Press the [SHIFT] button, and the light will be on. **Step 2:** Select and press the desired swing rate from Pad 13 to Pad 15. **Step 3:** Once press the [SHIFT] button to exit, the light will be off.

CHANGE THE TAP TEMPO
Step 1: Press the [SHIFT] button, and the light will be on. **Step 2:** Consecutive 3 times to tap the Pad16, and the average tempo of three taps will be the tempo speed. **Step 3:** Once press the [SHIFT] button to exit, the light will be off.

CHANGE THE TIME DIVISION
Step 1: Press the [SHIFT] button, and the light will be on. **Step 2:** Select and press the time-division from Pad 1 to Pad 8. **Step 3:** Once press the [SHIFT] button to exit, the light will be off.

RESTORE FACTORY SETTINGS

Restoring factory Settings can be operated through " PAD Editor", which will clear all data and restore it to its default state.

FACTORY RESET

SPECIFICATIONS

General	
Type	PAD Controller
Assignable Pads	16 Pads
Assignable Knobs	2 Knobs
Assignable Buttons	2 Buttons
Function Buttons	8 Buttons
Transport Buttons	2 Buttons
Inputs/Outputs	
USB	USB Type-C, 5V 500mA
Midi Out	3.5mm Midi Out Jack
Product	
Dimensions	215 x 185 x 35mm
Weight	0.58KG

FCC STATEMENT

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits setforth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

To connect directly with our Support team,
✉ support@fesleymusic.com