DONNER D37 Midi Keyboard User Manual

Contents

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INTRODUCTION

Thank you for purchasing the Donner STARRYKEY 37 Midi Keyboard!
The STARRYKEY 37 is an extraordinarily compact midi keyboard that you can use to create your own music with computers or tablets. The portably velocity-sensitive piano-style keyboard with diversified functions makes it easy to compose your unique music once the inspiration strikes.

FEATURES

- Compact keyboard with a full-sized range
- Compatible with audio source-enabled devices (computers, tablets, smartphones, etc.)
- Multi-color backlit pads for creating beats and changing programs
- 8+8+4 Assignable knobs, buttons, and faders for freedom adjustment
- Pitch bend wheel and modulation wheel
- Included pad bank/full level/transpose/octave multifunction
- MIDI OUT jack for use with synthesizers, sequencers, etc.
- MIDI USB jack for charging and data transmission
- STARRYKEY37 EDITOR software for editing midi messages via computer or tablet

PRECAUTIONS

Please read the following in detail first before operation.

- Keep and follow these instructions.
- STARRYKEY 37 is just a keyboard that transmits and receives midi information, there are no sounds built into a controller, therefore, you will need an external source (computers, tablets, synthesizer, etc.) for sounds.
- Do not store it in the following environments: Direct sunlight, high temperature, excessive humidity, excessive dust, 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.
- Donner is not responsible for damage caused by improper use or modifications to the device.

PACKAGE INCLUDES

STARRYKEY 37 Midi Keyboard	x 1
USB A to C Adapter	x 1
Standard USB Cable	x 1
User Manual	x 1

RECOMMENDED DAW SOFTWARE

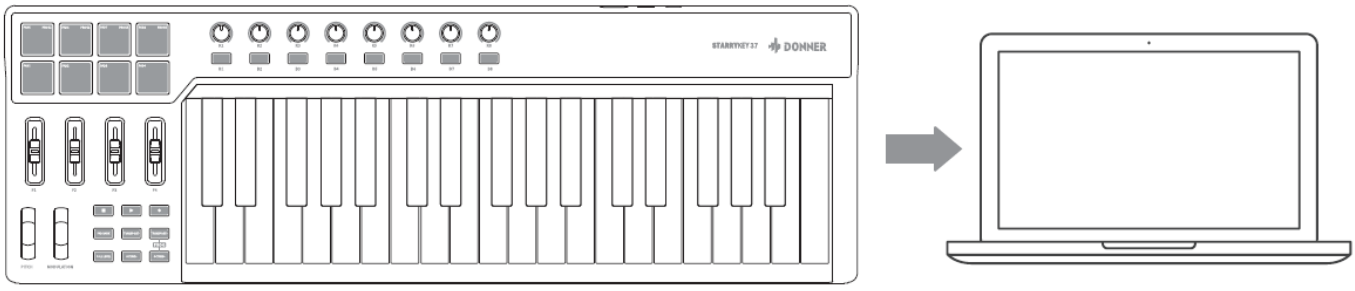
The list of recommended DAW software is as follows:

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

USING THE STARRYKEY 37 AND EDITOR SOFTWARE

USING THE STARRYKEY 37

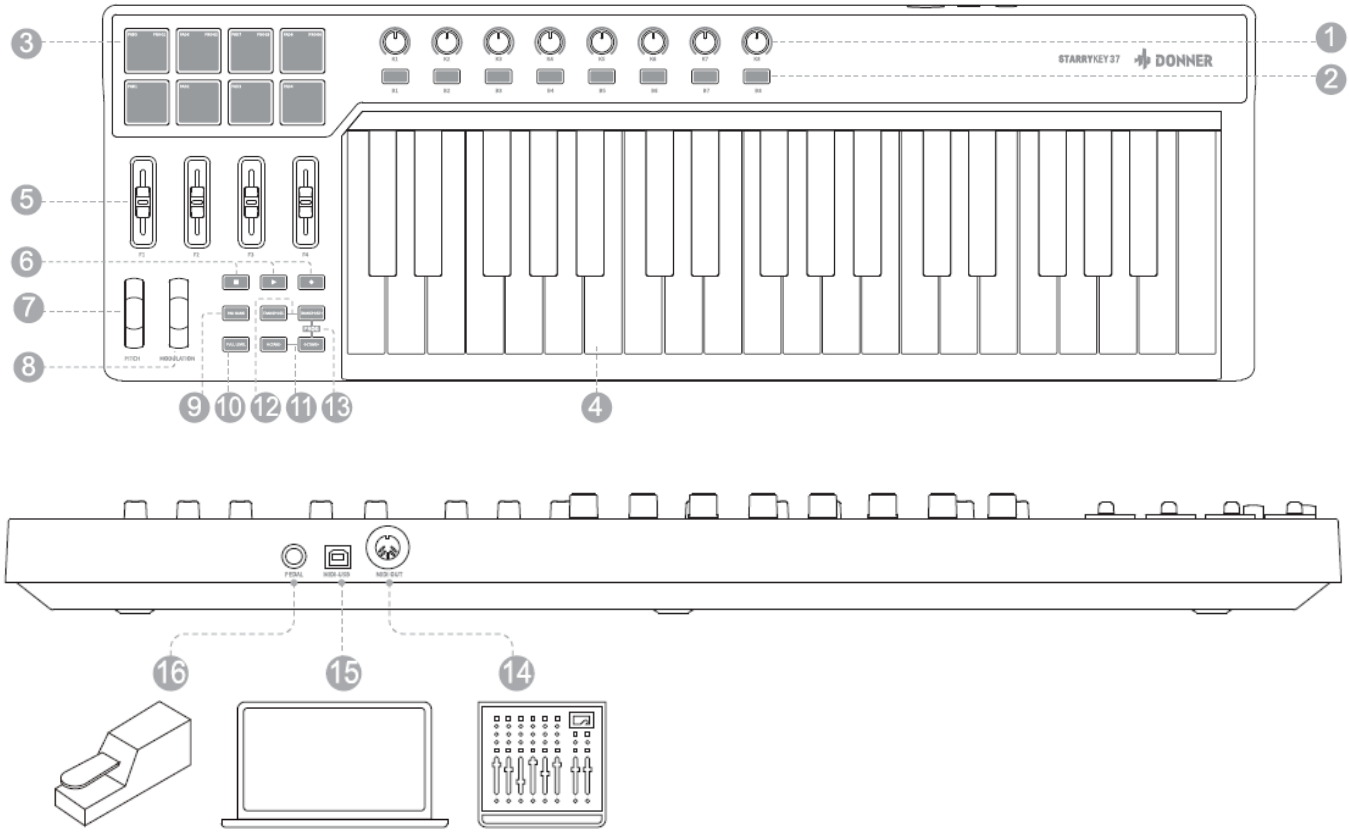
First, connect STARRYKEY 37 Midi Keyboard to your computer via a USB cable, then configure the DAW settings after connecting succeeded.



STARRYKEY37 EDITOR SOFTWARE

- The “STARRYKEY37 EDITOR” software  gives you a visual and intuitive way to edit the various MIDI messages. Please visit our official website **https://www.donnermusic.com**

OVERVIEW



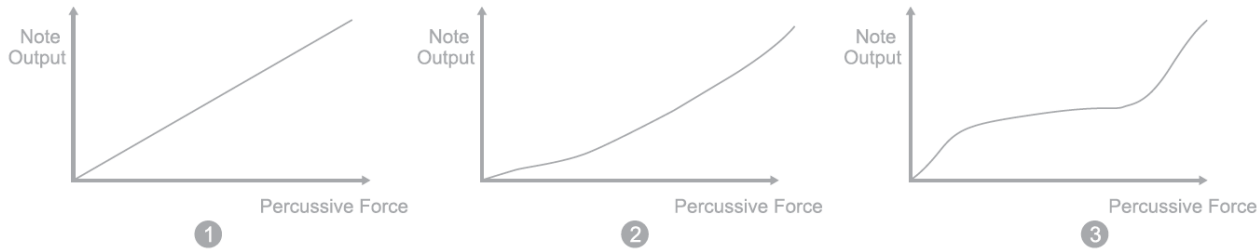
Note

- **Continuous Controller:** This is a MIDI message capable of transmitting a range of values, usually 0-127. (Hereinafter called CC)
- **Channel:** This can be simply understood as a path, generally used for voice classification, usually 1-16. (Hereinafter called CN)

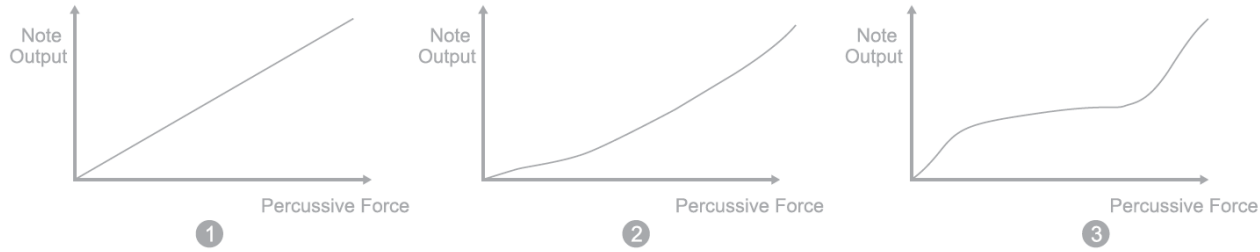
1. ASSIGNABLE KNOB (K1-K8)
    - The red, green, and blue light represent the range for transmitting MIDI messages.
    - Assignable knobs can be assigned to send CC MIDI messages.

- Various assignments, including CC (0-127) and CN (1-16) messages, also can be set for each of the 8 knobs through “STARRYKEY37 editor”.

2. ASSIGNABLE BUTTON (B1-B8)
    - Assignable buttons can be assigned to send CC MIDI messages.
    - Various assignments, including CC (0-127) and CN (1-16) messages, mode type, and color, also can be set for each of the 8 buttons through “STARRYKEY37 editor”.
3. ASSIGNABLE PAD (PAD1-PAD8)
    - Assignable pads (Default note value is C2-G2) can be assigned to send MIDI note.
    - Use the [PAD BANK] to switch BANKA/ BANK B/ BANK C/ (Corresponding to red, green, and blue) Various assignments, including MIDI note/CC message/ CN message/After-Touch type/Mode type/Fixed message, also can be set for each pad in a BANKA/ BANK B/ BANK C through “STARRYKEY37 editor”.
    - Pad Curve: The PAD has three kinds of curves (as shown in the figure).



4. KEYBOARD AREA
    - The MIDI Channel is assignable for 37 keys full-sized keyboard.
    - Keyboard Curve: The KEYBOARD has three kinds of curves (as shown in the figure).



5. ASSIGNABLE FADER (F1-F4)
    - Assignable faders can be assigned to send CC messages.
    - Various assignments, including CC (0-127) and CN (1-16) messages, also can be set for each of the 4 faders through the “STARRYKEY37 editor”.
6. TRANSPORT BUTTON 
    - The default CC message is Pause/Play/Record but notes that the transport button of some DAW software needs to be mapped manually.
    - Various assignments, including CC (0-127) and CN (1-16) messages, can be set for each of the transport buttons through “STARRYKEY37 editor”.
7. PITCH BEND
    - Move this wheel up or down to send Pitch Bend messages. Moving the wheel up will increase the pitch; moving it down will decrease the pitch.
    - CN (1-16) message also can be set for pitch through “STARRYKEY37 editor”.
8. MODULATION WHEEL
    - Move this wheel to send Modulation Wheel messages which can control the amount of vibrato or tremolo in the sound.
    - Various assignments can be set for modulation, including CC (0-127), CN (1-16) message, CC (Min and

Max) message- Output range of the Modulation Wheel through “STARRYKEY37 editor” .

9. PAD BANK
    - Press to switch BANK A/ BANK B/ BANK C/ (Corresponding to red, green, and blue), there are 24 pads for you to edit.
10. FULL LEVEL
    - The maximum value of output for both the percussion pad and keyboard no matter how much force it is pressed.
11. OCTAVE – / OCTAVE +
    - Octave up and Octave down, adjustable by 4 octaves (-4 to +4 octaves) respectively.
12. TRANSPOSE – / TRANSPOSE+
    - Semitone down and Semitone up, adjustable 12 semitones (-12 to +12 semitones) respectively.
13. PROG
    - First, press and hold [TRANSPOSE+] and [OCTVATE+] at the same time to enter Program presets, then press PROG1-PROG4 or PAD5-PAD8 to choose PROG while the light of the selected PROG will on.
    - Once press the selected PROG will enter RAM mode and the value of “PROG” is 0.
14. MIDI OUT
    - A five-pin midi out socket can send MIDI data to external MIDI-compatible devices (sound card, sequencer, synthesizer, etc.) via a MIDI cable.
15. MIDI-USB
    - Use a USB cable to connect your computer or other devices to power the keyboard or data transmission.
    - Note that when the connected device interface is not the usual USB A port, you need to use an adapter cable with OTG function to transfer.
16. SUSTAIN PEDAL
    - Connect a sustain pedal to this jack via pedal cable. Notes will be sustained after depressing the pedal.
    - Various assignments can be set for sustain, including CC (0-127), CN (1-16) message through “STARRYKEY37 editor”.

SPECIFICATIONS

GENERAL	
Type	Donner STARRYKEY 37 Midi Keyboard
Number of Keyboard Keys	37 Keys
Assignable Pads	8 Pads
Assignable Knobs	8 Knobs
Assignable Buttons	8 Buttons
Assignable Faders	4 Faders
Function Buttons	6 Buttons
Transport Buttons	3 Buttons
Power Supply	5V 1A
INPUTS/OUTPUTS	
USB	USB Type-B
Midi Out	5-pin DIN x 1
Sustain Pedal	1/4″ pedal jack
Dimensions	670 x 218 x 60mm
Weight	2.04 kg

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
2. this device must accept any interference received, including interference that may cause undesired operation.

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

Documents / Resources

	DONNER D37 Midi Keyboard [pdf] User Manual D37 Midi Keyboard, D37, Midi Keyboard, Keyboard

References

- User Manual