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Donner STARRYKEY-37 PLAY

Donner STARRYKEY-37 PLAY MIDI Keyboard Controller User Manual

Model: STARRYKEY-37 PLAY

Introduction	Safety Information	Package Contents	Product Overview	Setup	Operation
Maintenance	Troubleshooting	Specifications	Warranty & Support		

1. INTRODUCTION

This manual provides detailed instructions for the proper use and care of your Donner STARRYKEY-37 PLAY MIDI Keyboard Controller. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. The STARRYKEY-37 PLAY is a portable MIDI controller designed for music production and performance, featuring built-in sounds, drum pads, and various control options.

2. SAFETY INFORMATION

- Power Supply:** Use only the specified power supply or USB connection. Ensure the voltage is compatible with your region.
- Water and Moisture:** Do not expose the device to water, moisture, or high humidity. Avoid placing liquid containers near the controller.
- Heat Sources:** Keep the device away from heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the device.
- Cleaning:** Clean only with a dry cloth. Avoid using liquid cleaners or aerosols.
- Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- Placement:** Place the device on a stable, flat surface to prevent accidental falls.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Donner STARRYKEY-37 PLAY MIDI Keyboard Controller
- USB Cable (USB-A to USB-C)
- User Manual (this document)
- Access to 40 Keyboard-Teaching Courses (via provided codes/instructions)
- Access to 4 free DAW software (via provided codes/instructions)

4. PRODUCT OVERVIEW

The Donner STARRYKEY-37 PLAY is a versatile MIDI keyboard controller designed for both beginners and experienced musicians. It combines a 37-key keyboard with a comprehensive set of controls for dynamic music creation.



Figure 4.1: Front view of the Donner STARRYKEY-37 PLAY MIDI Keyboard Controller, showing the keys, pads, knobs, and faders.

4.1 Key Features

- **37 Spring-Loaded Mini Keys:** Offers quick key rebound and a comfortable playing experience.
- **128 Built-in Voices:** Allows for immediate music creation without external software.
- **16 RGB Pads:** Velocity-sensitive pads with aftertouch support for expressive drumming and sample triggering.
- **8 Rotary Encoders & 4 Faders:** Assignable controls for real-time parameter adjustments. These can be customized and expanded.
- **Real-time Multi-Mode Control:** Includes a 7-mode arpeggiator, note repeat, 64-step sequencer, and chord functions.
- **Multiple Connectivity Options:** Supports USB, MIDI, and wireless (Bluetooth) connections.
- **Broad Compatibility:** Works with Windows, macOS, iOS, iPadOS, and Android devices, and various DAWs.



Figure 4.2: Detail of the 37-key synth action keyboard, highlighting the spring-loaded mini keys and responsive feel.

5. SETUP

5.1 Powering On the Device

Connect the provided USB-C cable to the USB port on the STARRYKEY-37 PLAY and to a power source (e.g., computer USB port, USB power adapter). The device will power on automatically. The STARRYKEY-37 PLAY also features a built-in battery for portable use.

5.2 Connecting to a Computer/Device

The STARRYKEY-37 PLAY offers multiple connection methods:

- **USB Connection:** Connect the USB-C cable from the controller to your computer (Windows/macOS) or compatible mobile device (iOS/iPadOS/Android with appropriate adapter). This connection handles both MIDI data and power.
- **MIDI Out:** Use a 3.5mm TRS to MIDI DIN adapter (not included) to connect to external MIDI hardware.
- **Wireless (Bluetooth) Connection:**
 1. Ensure the controller is powered on.
 2. On your computer or mobile device, enable Bluetooth.
 3. Search for available Bluetooth MIDI devices and select "STARRYKEY-37 PLAY" to pair.

FIND ANY CONNECTION YOU NEED

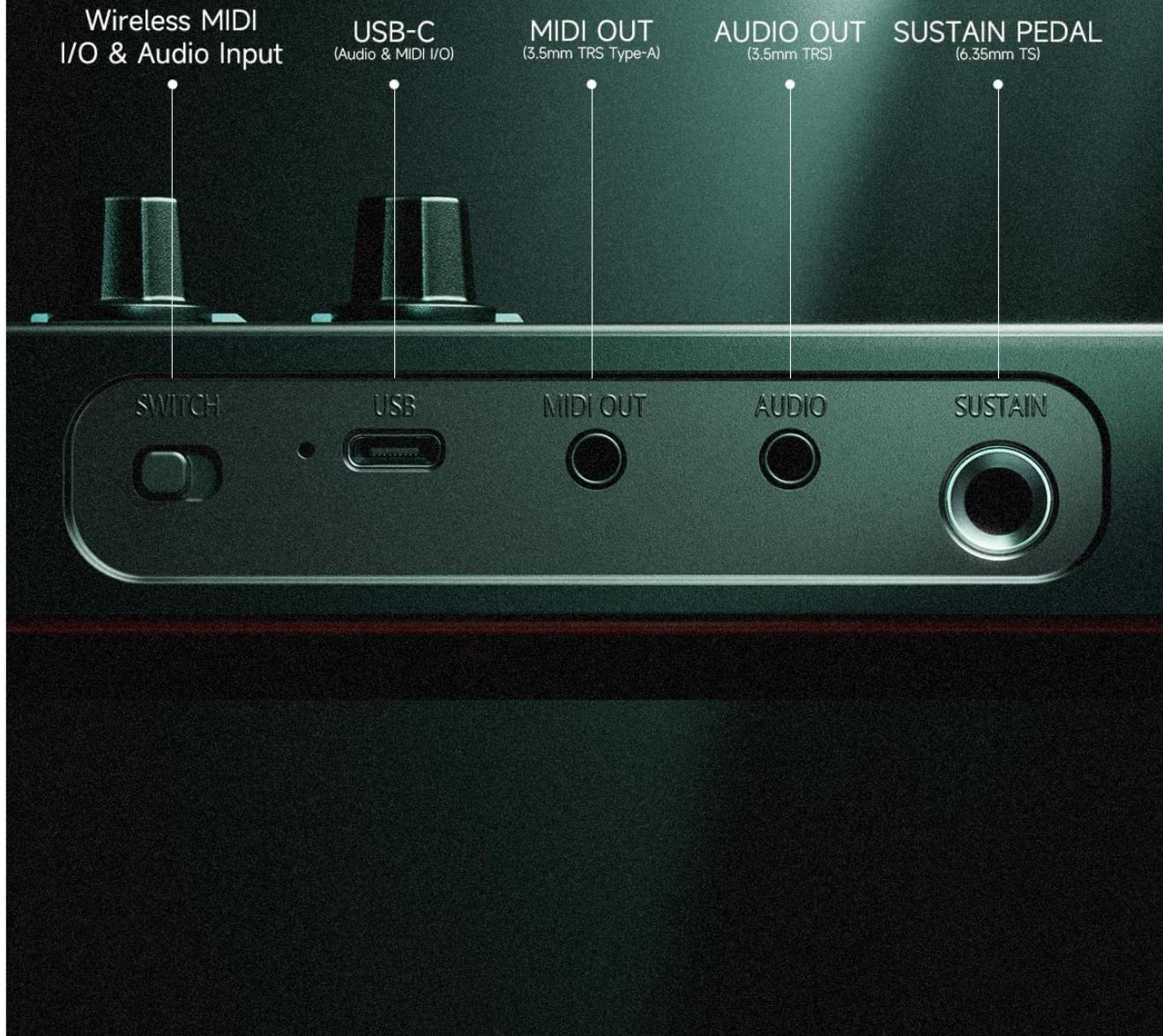


Figure 5.1: Connection ports including Wireless MIDI I/O & Audio Input, USB-C, MIDI OUT (3.5mm TRS Type-A), AUDIO OUT (3.5mm TRS), and SUSTAIN PEDAL (6.35mm TS).

5.3 Software Installation and DAW Compatibility

The STARRYKEY-37 PLAY is compatible with various Digital Audio Workstations (DAWs) such as Cubase LE, Live, Logic Pro, Protools, and Studio One. Drivers are typically class-compliant, meaning they install automatically when connected via USB.

For bundled software (Cubase LE, Cubasis LE3, Wavelab LE, Melodics courses), please refer to the instructions provided in your package or contact customer service for download and activation details.

Figure 5.2: The STARRYKEY-37 PLAY with a laptop, illustrating compatibility with included software and courses.

6. OPERATION

6.1 Basic Controls

- **Keys:** The 37 mini keys are velocity-sensitive, responding to how hard you press them.
- **Pitch Bend & Modulation Wheels:** Located on the left, these allow for real-time expressive control over pitch and other parameters.
- **Pads:** The 16 RGB pads are velocity-sensitive and support aftertouch. They can be used for triggering samples, drums, or other MIDI events.
- **Rotary Encoders & Faders:** These controls can be assigned to various parameters within your DAW or the controller's internal engine. Refer to the MIDI Suite software for detailed customization.

GET EVERYTHING UNDER CONTROL



- 16 x 2 RGB Pads with Aftertouch
- 8 x 2 Rotary Encoders
- 4 x 2 Faders
- DAW Transport Controls

Figure 6.1: The control surface, featuring 16 RGB Pads, 8 Rotary Encoders, and 4 Faders for comprehensive control.

6.2 Built-in Voices and Sound Engine

The STARRYKEY-37 PLAY includes 128 built-in voices, allowing you to play and create music directly from the device without needing a computer or external sound modules. Use the display and navigation buttons to browse and select different voices.

The integrated FM synthesis engine provides a wide range of sounds. You can further customize these sounds using the onboard effects (Low-pass Filter, Distortion, Reverb, Delay) and patch memories.

Figure 6.2: The device's capability to produce sound directly with its built-in FM synth engine and 128 factory presets.

6.3 Arpeggiator, Sequencer, and Chord Functions

Enhance your performance and creativity with the following real-time control features:

- **Arpeggiator:** Features 7 modes to create rhythmic patterns from held notes.
- **Note Repeat:** Automatically repeats notes at a set rate.
- **64-Step Sequencer:** Record and playback melodic or rhythmic sequences.
- **Chord Functions:** Play complex chords with a single key press, staying in key with scale functions.

Figure 6.3: Dedicated controls for arpeggiator, note repeat, scale, chord, and sequencer functions, enabling real-time performance adjustments.

6.4 Customization with MIDI Suite Software

The Donner MIDI Suite software allows for in-depth customization of the controller's parameters, including assigning functions to pads, encoders, and faders. This software is compatible with Windows, macOS, iOS, iPadOS, and Android devices. Refer to the MIDI Suite documentation for detailed instructions on its use.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** When not in use, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For models with a built-in battery, avoid fully discharging the battery for extended periods. Charge the device regularly, even if not in frequent use, to maintain battery health.
- **Transportation:** When transporting the controller, use a protective case to prevent damage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	No power supply or low battery.	Connect the USB cable to a reliable power source. Ensure the battery is charged.
No sound output.	Incorrect audio output settings, volume too low, or no internal voice selected.	Check audio connections. Increase volume. Select a built-in voice. Verify DAW audio settings if using software.
MIDI not recognized by computer/DAW.	Incorrect USB connection, driver issue, or DAW settings.	Ensure USB cable is securely connected. Restart computer/DAW. Check DAW MIDI input settings. Reinstall drivers if necessary (though usually class-compliant).
Bluetooth connection unstable.	Interference or distance from host device.	Reduce distance between controller and host device. Minimize other wireless interference. Re-pair the Bluetooth connection.

Problem	Possible Cause	Solution
Pads/keys not responding.	Incorrect MIDI channel, sensitivity settings, or device malfunction.	Check MIDI channel settings on the controller and DAW. Adjust velocity curve settings. If problem persists, contact support.

9. SPECIFICATIONS

Feature	Detail
Keys	37 Velocity-sensitive, spring-loaded mini keys
Drum Pads	16 RGB, velocity-sensitive (with aftertouch)
Controllers	8 assignable rotary knobs, 4 faders (expandable to 8)
Built-in Engine	DX-7 style FM synthesis with 128 presets
Display	1.54-inch color screen
Audio Output	3.5mm headphone/audio output jack
Connectivity	USB-C, Wireless MIDI/Audio (Bluetooth), MIDI OUT (3.5mm TRS Type-A)
Compatible Systems	Windows, macOS, iOS, iPadOS, Android
Software Support	All DAWs (e.g., Ableton Live, FL Studio, Cubase)
Power Supply	USB bus power (2000mAh built-in battery, supports wireless use)
Battery Life	Approx. 8-10 hours (depending on usage)
Material	ABS plastic frame
Item Weight	3.39 pounds
Package Dimensions	19.6 x 8.58 x 2.95 inches

10. WARRANTY & SUPPORT

10.1 Product Warranty

Donner products are covered by a limited warranty against defects in materials and workmanship. The specific duration and terms of the warranty may vary by region and product. Please retain your proof of purchase for warranty claims.

For detailed warranty information, please visit the official Donner website or contact Donner customer service.

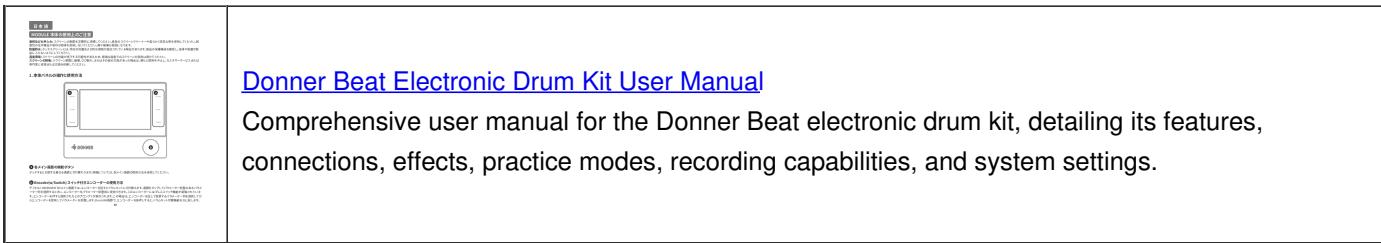
10.2 Customer Support

If you encounter any issues or have questions regarding your Donner STARRYKEY-37 PLAY, please contact Donner customer support. Support contact information can typically be found on the official Donner website or on the product packaging.

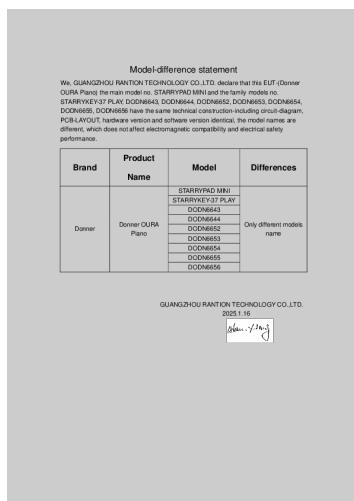
Before contacting support, please review the troubleshooting section of this manual, as many common issues can be resolved quickly.

Related Documents - STARRYKEY-37 PLAY

 USER MANUAL DMK-25 PRO MIDI KEYBOARD	<p>Donner DMK-25 PRO MIDI Keyboard User Manual</p> <p>Comprehensive user manual for the Donner DMK-25 PRO MIDI Keyboard, detailing its features, operation, connectivity, and editing capabilities for music production. Learn about its 25 velocity-sensitive keys, drum pads, touch sliders, and extensive control functions.</p>
 USER MANUAL STARRYKEY 37 MIDI KEYBOARD	<p>Donner STARRYKEY 37 MIDI Keyboard User Manual</p> <p>Comprehensive user manual for the Donner STARRYKEY 37 MIDI Keyboard, detailing its features, setup, operation, specifications, and precautions for music production.</p>
 DonnerSynths Software Manual	<p>DonnerSynths Software Manual - Installation and Operation Guide</p> <p>Comprehensive user manual for DonnerSynths software, covering installation, device connection, program operation, feature configuration, preset management, sequencer editing, and firmware updates for Donner MIDI devices like B1, N25, and N32.</p>
 USER MANUAL STARRYKEY25 MIDI KEYBOARD	<p>Donner STARRYKEY25 MIDI Keyboard User Manual</p> <p>Comprehensive user manual for the Donner STARRYKEY25 MIDI Keyboard, detailing its features, operation, specifications, and troubleshooting. Learn how to connect and use this 25-key velocity-sensitive MIDI controller with your computer or tablet for music creation.</p>
 USER MANUAL B1 ANALOG BASS SEQUENCER	<p>Donner B1 Analog Bass Sequencer User Manual</p> <p>Comprehensive user manual for the Donner B1 Analog Bass Sequencer, detailing its features, operation, and MIDI connectivity. Learn how to create patterns, use the arpeggiator, and connect external MIDI devices.</p>



Documents - Donner – STARRYKEY-37 PLAY



[pdf] Diagram

Administrator Model Difference GUANGZHOU RANTION TECHNOLOGY CO LTD MINIPLAY MIDI CONTROLLER 2AV7N 2AV7NMINIPLAY minisplay

Model-difference statement We, GUANGZHOU RANTION TECHNOLOGY CO.,LTD. declare that this EUT- Donner OURA Piano the main model no. STARRYPAD MINI and the family models no. **STARRYKEY-37 PLAY**, DODN6643, DODN6644, DODN6652, DODN6653, DODN6654, DODN6655 have the same technical construction-incl...

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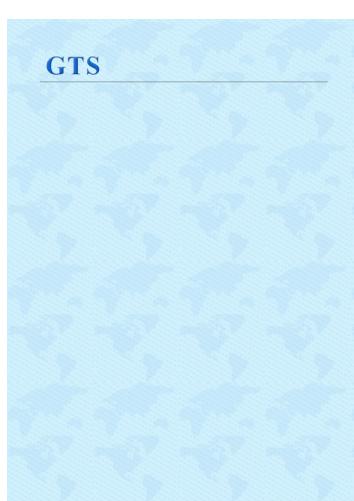


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GUANGZHOU RANTION TECHNOLOGY CO., LTD. Section 2.911 d 7 USA Agent for Service of Process Company ... ct, Guangzhou, China Product Name: MIDI CONTROLLER FCC ID: 2AV7N-MINIPLAY Model s : STARRYPAD MINI, **STARRYKEY-37 PLAY**, DODN6643, DODN6644, DODN6652, DODN6653, DODN6654, DODN6655, DODN6656 2.911 d 7 ...

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[pdf] Test Report

HD 271 S1 LAB02 Test Report GUANGZHOU RANTION TECHNOLOGY CO LTD MINIPLAY MIDI CONTROLLER 2AV7N 2AV7NMINIPLAY minisplay

Global United Technology Services Co., Ltd. Report No.: GTSL2025010203E-1 TEST REPORT Applicant: G ... ent Under Test EUT Product Name: Model No.: Trade Mark: FCC ID: MIDI CONTROLLER STARRYPAD MINI, **STARRYKEY-37 PLAY**, DODN6643, DODN6644, DODN6652, DODN6653, DODN6654, DODN6655, DODN6656 DONNER 2AV7N...

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[\[pdf\]](#) Test Report

test report GUANGZHOU RANTION TECHNOLOGY CO LTD MINIPLAY 2AV7N 2AV7NMINIPLAY
minisplay

Global United Technology Services Co., Ltd. Report No.: GTSL2025010203F01
TEST REPORT Applicant: G ... ent Under Test EUT Product Name: Model No.: Trade
Mark: FCC ID: MIDI CONTROLLER STARRYPAD MINI, **STARRYKEY-37 PLAY**,
DODN6643, DODN6644, DODN6652, DODN6653, DODN6654, DODN6655,
DODN6656 DONNER 2AV7N...

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