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PAINTAUDIO MIDI Captain MINI 6

PAINTAUDIO MIDI Captain MINI 6 User Manual

Foot Controller for Multi-Effects, Keyboards, Synthesizers, and DAW Control

1. INTRODUCTION

The PAINTAUDIO MIDI Captain MINI 6 is a versatile and compact foot controller designed to enhance your control over various musical instruments and software. It features six programmable multi-function switches, offering extensive customization for sending MIDI commands and controlling digital audio workstations (DAWs), synthesizers, and effects software.

This device supports both USB-MIDI and USB-HID, allowing for flexible integration into your setup. Its robust design ensures durability, making it suitable for both studio and live performance environments. The MIDI Captain MINI 6 is powered by USB, a standard pedal power adapter, or batteries, providing multiple power supply options for convenience.

Key features include:

- **6 Multi-function Switches:** Each switch is programmable to send single or multiple MIDI commands upon pressing.
- **Mixed Command Transmission:** Capable of sending various MIDI command types (PC/CC/NOTE) across multiple MIDI channels.
- **Various Switch Trigger Timings:** Commands can be sent when a switch is pressed, released, held down, or at multiple timings.
- **USB-MIDI Support:** Enables control of DAW software, synthesizers, and effects software on a computer.
- **USB-HID Support:** Configurable to simulate keyboard keys or mouse clicks for mixed control.
- **Multi-state Switch Cycling:** Allows a single switch to send different commands or sets of commands with multiple presses, enabling multiple functions.
- **99 Configuration Pages:** Store up to 99 distinct switch function configurations, easily switchable.
- **Compact and Durable Design:** Lightweight with a sturdy metal body and foot switch design.
- **Multiple Power Supply Methods:** USB cable, standard pedal power adapter, or battery power.

2. SETUP

2.1. Package Contents

Upon unboxing your MIDI Captain MINI 6, please ensure all the following items are present:

- MIDI Captain MINI 6 Foot Controller
- USB Cable
- User Manual (this document)



Figure 2.1: Included accessories for the MIDI Captain MINI 6, featuring the device, USB cable, and documentation.

2.2. Powering the Device

The MIDI Captain MINI 6 offers flexible power options:

- **USB Power:** Connect the supplied USB cable to the USB port on the device and to a computer or a USB power adapter.
- **DC Power Adapter:** Use a standard 9-12V DC pedal power adapter (not included) connected to the DC input jack. Ensure the adapter's polarity is compatible.
- **Battery Power:** The device can be powered by AAx2 batteries for portable use. (Batteries not included).

2.3. Connections

Connect your MIDI Captain MINI 6 to your equipment:

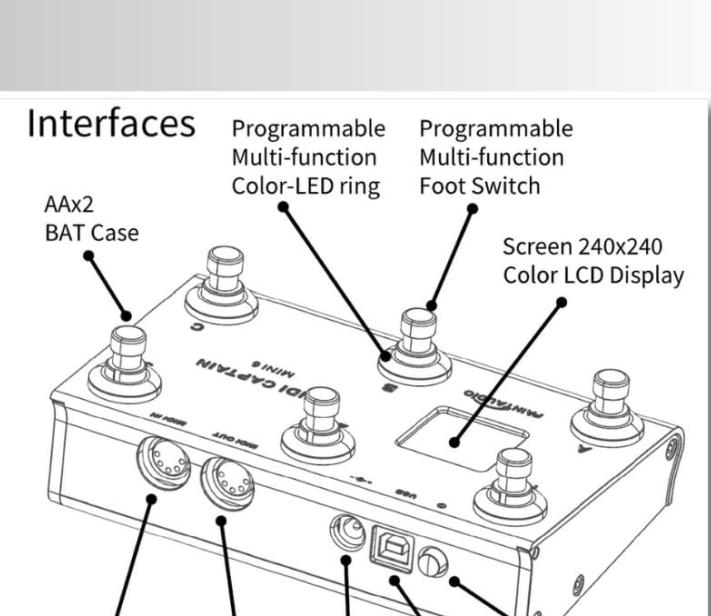
- **MIDI IN/OUT:** Use standard 5-pin MIDI cables to connect to MIDI-compatible hardware devices such as synthesizers, effects processors, or other MIDI controllers.
- **USB Port:** Connect to your computer for USB-MIDI and USB-HID functionality, allowing control over DAWs and software instruments.

USB MIDI + Classic MIDI



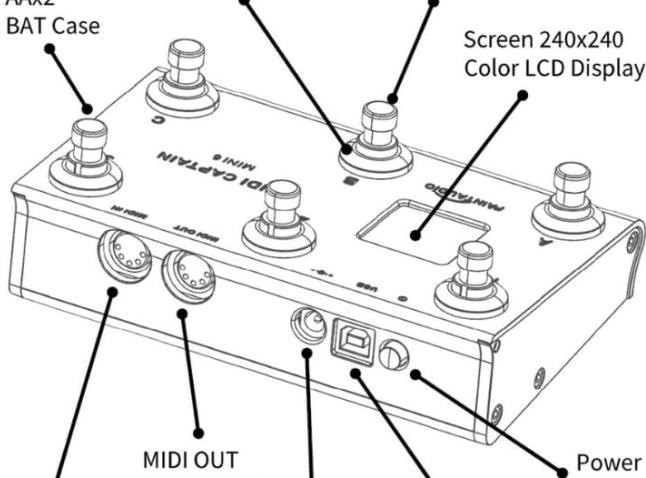


USB MIDI for Software and Apps Control



Classic MIDI for Hardware Control

Interfaces



- AAx2 BAT Case
- Programmable Multi-function Color-LED ring
- Programmable Multi-function Foot Switch
- Screen 240x240 Color LCD Display
- MIDI IN (Embedded 5V 50mA Output)
- MIDI OUT (Embedded 5V 50mA Output)
- 5-12V Power input Polarity Compatible $\geq 100\text{mA}$
- Power Switch
- USB-B for USB-MIDI Optional Powering

MIDI Captain MINI 6



Figure 2.2: The MIDI Captain MINI 6 supports both USB MIDI for software applications and classic 5-pin MIDI for hardware control.

2.4. USB Setup Mode

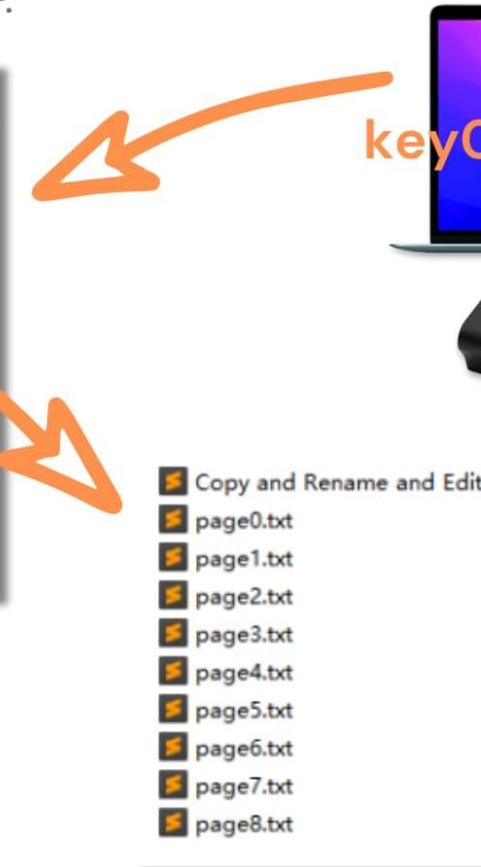
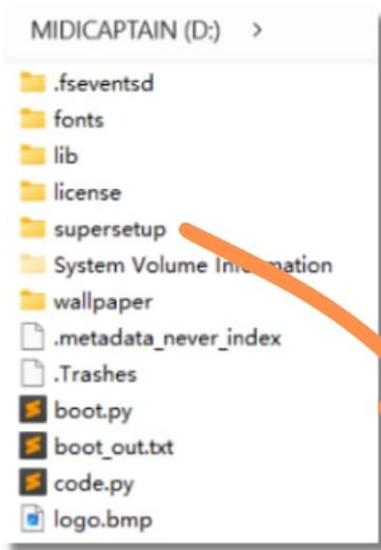
To configure the MIDI Captain MINI 6, you will enter USB Setup Mode:

1. While holding down the top-left footswitch (labeled '1' or 'key0'), connect the USB cable from the device to your computer (Windows or macOS).
2. The device will appear as an external drive named "MIDICAPTAIN" on your computer.
3. Inside this drive, you will find configuration files (e.g., PAGE0.TXT, PAGE1.TXT) that can be edited to customize the footswitch functions.

USB Setup MODE

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While holding down the **keyO** button, connect the USB cable to the computer (Windows or MAC). Locate the MIDICAPTAIN disk that appears on the computer.



Please scan the QR code to open the configuration instructions document in PDF

Figure 2.3: Accessing the MIDI Captain MINI 6 in USB Setup Mode to edit configuration files.

For detailed configuration instructions, please refer to the comprehensive Super Mode manual available via this link: [Super Mode V1.2 Manual \(PDF\)](#).

3. OPERATING INSTRUCTIONS

3.1. Basic Footswitch Operation

The MIDI Captain MINI 6 features six robust footswitches (labeled 1, 2, 3, A, B, C) that can be programmed to send various MIDI and USB-HID commands. Each switch can be configured to respond to different trigger timings:

- **Pressing:** Sends a command immediately when the switch is pressed down.
- **Release:** Sends a command when the switch is released.
- **Long Press:** Sends a command when the switch is held down for a specified duration.
- **Long Release:** Sends a command when the switch is released after a long press.

Redefine What Footswitches Can Do

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Send PC / CC / NOTE / USB HID commands

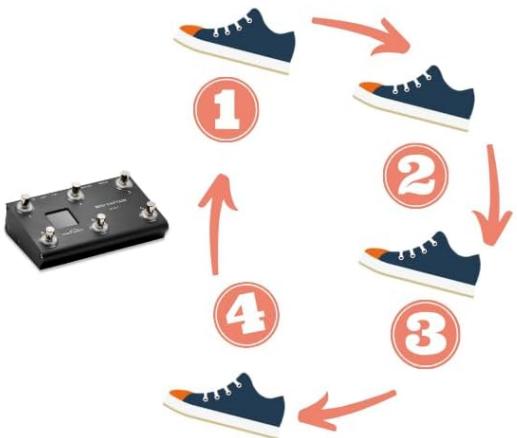


Send the multi-combination commands



Send at 4 moments

Pressing / Release / Long / Long Release



Send different command sets when press multi-times as a control-state loop, up to 9 times

Figure 3.1: The MIDI Captain MINI 6 footswitches can be configured to send various command types and respond to different press timings.

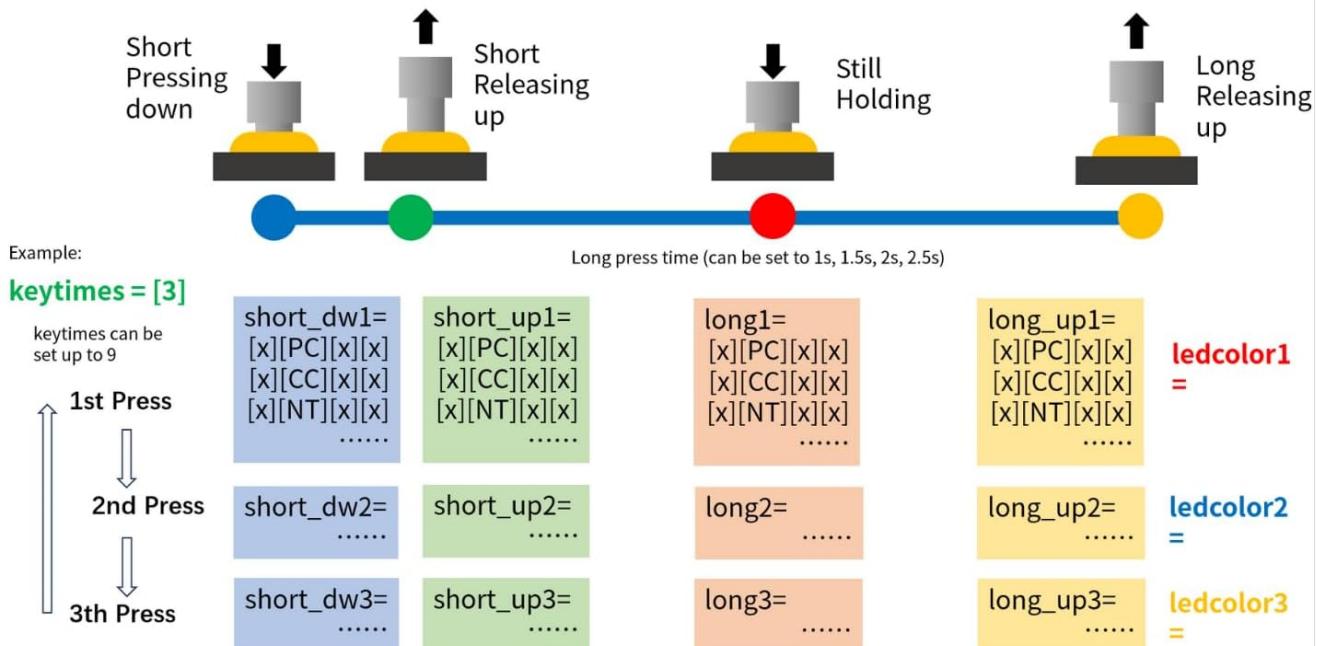
3.2. Super Mode Control

Super Mode, enabled by the latest firmware, significantly expands the capabilities of each footswitch. It allows for multi-state switch cycling, where a single footswitch can trigger different commands or sets of commands with successive presses. This enables complex control sequences and multiple functions from a single physical switch.

The Super Mode integrates multi-state buttons, multi-command MIDI control combinations, and simulation functions for USB-HID keyboards and mouse clicks. This provides extremely rich and flexible configuration capabilities, meeting the control needs of most host devices or software/apps with MIDI IN control.

SUPER MODE (The Latest MIDI Captain Firmware)

Super Mode Control : The **four action types** and the **keytimes** loop



Super Mode integrates multi-state buttons, multi-command MIDI control combinations, and simulation functions for USB-HID keyboards and mouse click. It offers extremely rich and flexible configuration capabilities, meeting the control needs of most host devices or software/Apps with MIDI IN control



Figure 3.2: Super Mode allows for advanced control, including multi-state cycling and various trigger timings for each footswitch.

3.3. Configuration Pages

The MIDI Captain MINI 6 supports up to 99 distinct configuration pages. Each page can store a completely different set of functions and commands for all six footswitches. This allows you to quickly switch between different setups for various songs, instruments, or performance scenarios without needing to re-program the device.

Switching between pages is typically done via specific programmed footswitch actions or external MIDI commands, as defined in your configuration files.

MIDI Captain MINI 6

Super Mode Control

Switches Work More than Expected

PAINTAUDIO



Figure 3.3: The MIDI Captain MINI 6 can control a wide range of devices and software, from multi-effects pedals to DAWs and synthesizers.

4. MAINTENANCE

To ensure the longevity and optimal performance of your MIDI Captain MINI 6, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using abrasive cleaners, solvents, or waxes, as they may damage the finish.
- **Storage:** Store the device in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** While the device features a sturdy metal body, avoid dropping it or subjecting it to strong impacts, which could damage internal components.
- **Power:** Disconnect power when the device is not in use for extended periods. If using batteries, remove them to prevent leakage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your MIDI Captain MINI 6.

5.1. Device Not Powering On

- **Check Power Source:** Ensure the USB cable is securely connected to a powered USB port or adapter. If using a DC adapter, verify it's the correct voltage (9-12V DC) and polarity.
- **Battery Check:** If using batteries, ensure they are correctly inserted and have sufficient charge. Replace if necessary.

5.2. MIDI Commands Not Being Sent/Received

- **Cable Connections:** Verify all MIDI and USB cables are securely connected to both the MIDI Captain MINI 6 and your target device/computer.
- **Configuration Files:** Re-enter USB Setup Mode and check your `PAGE.TXT` files for correct MIDI command syntax and values. Refer to the Super Mode manual for detailed programming instructions.
- **MIDI Channel Mismatch:** Ensure the MIDI channel configured on the MIDI Captain MINI 6 matches the receiving channel on your target device or software.
- **Software/DAW Settings:** Confirm that your DAW or software is correctly configured to receive MIDI input from the MIDI Captain MINI 6.

5.3. Difficulty with Programming/Configuration

- **Consult Manual:** The Super Mode manual (linked in Section 2.4) provides extensive examples and explanations for programming the device. It is highly recommended to review this document thoroughly.
- **Syntax Errors:** Even small typos in the `PAGE.TXT` files can prevent commands from working. Double-check your syntax carefully.
- **Save Changes:** After editing `PAGE.TXT` files, ensure you save them and safely eject the "MIDICAPTAIN" drive before disconnecting the device.

5.4. Signal Noise When Daisy-Chaining Power

- If you experience unwanted signal noise when powering the MIDI Captain MINI 6 with other pedals from a shared power supply, consider using an isolated power supply output or a dedicated power supply for the MIDI Captain MINI 6.

6. SPECIFICATIONS

Detailed technical specifications for the MIDI Captain MINI 6:

MIDI Captain MINI 6

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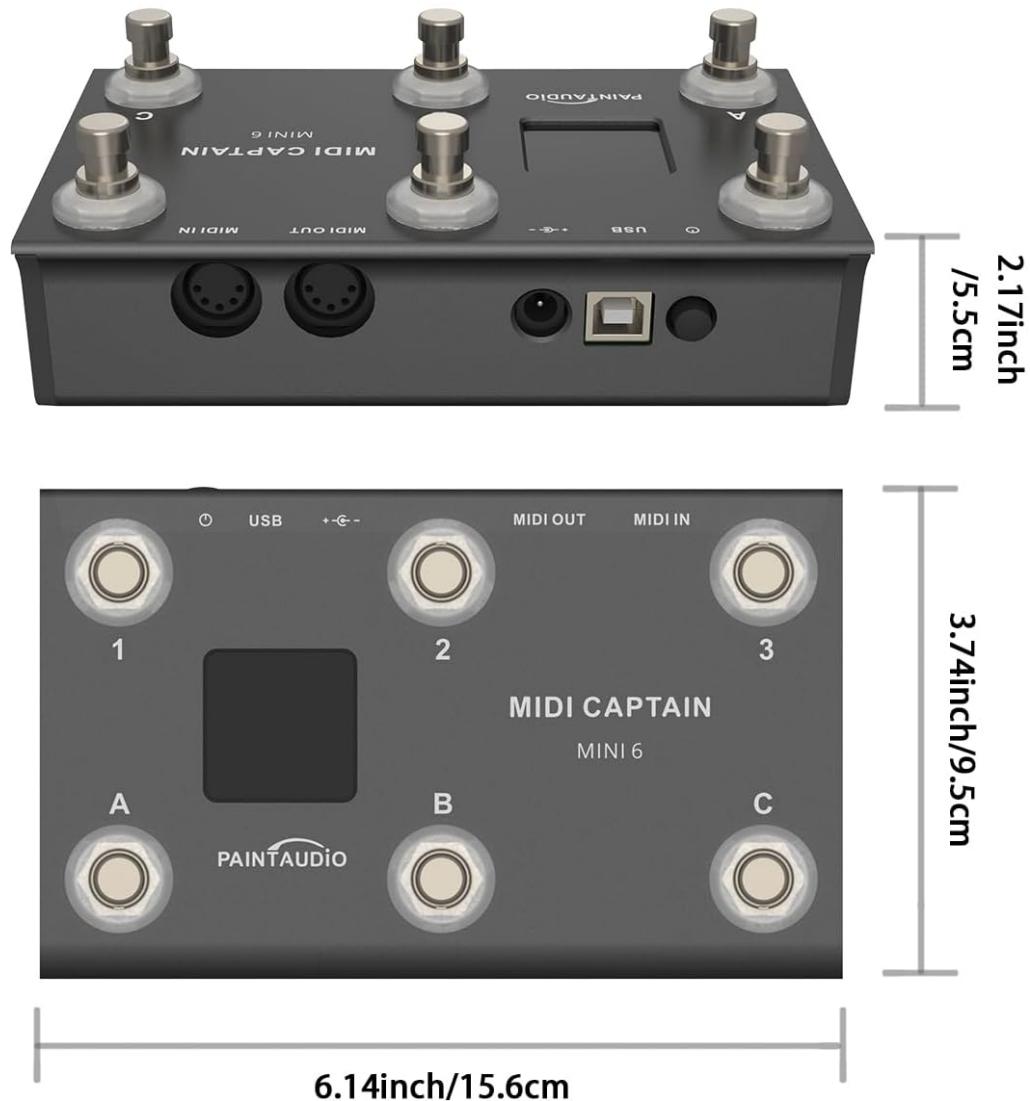


Figure 6.1: Physical dimensions of the MIDI Captain MINI 6.

Specification



Supply 5V USB; 9-12V DC; AAx2 Battery

Current 0.1A – 0.4A (LED full brightness)

Foot switches 6, Fully customizable

Pages 99, Fully customizable

Screen 240x240 RGB 24bits LCD

Battery AA x2, Ni-MH or LR6, 6-12 hours using

MIDI 5 pin jack IN and OUT with 5V power source

CPU 120MHz dual core

Weight 0.42 Kg

Size 155mm x 95mm x 55mm

Figure 6.2: Detailed specifications of the MIDI Captain MINI 6.

Feature	Specification
Model Number	MIDI Captain MINI 6
Item Weight	1.34 pounds (0.61 kg)
Package Dimensions	8.7 x 5.98 x 3.66 inches
Country of Origin	China
Compatible Devices	Computer (Desktop/Laptop)
Connector Type	XLR (Note: This may be a general category listing, actual MIDI connectors are 5-pin DIN and USB-B)
Hardware Interface	USB
Signal Format	Analog (Note: This refers to audio signal, MIDI is digital)
Supported Software	Ableton Live (and other DAWs/MIDI-compatible software)
Material Type	Alloy Steel
Musical Style	Electronic

Feature	Specification
Number of Footswitches	6
Power Source	Corded Electric (USB/DC), Battery Powered
Connectivity Technology	USB
Special Feature	Keyboard Controller (MIDI Foot Controller)
Supply Voltage	5V USB; 9-12V DC; AAx2 Battery
Current Consumption	0.1A - 0.4A (LED full brightness)
Pages	99, Fully customizable
Screen	240x240 RGB 24bits LCD
Battery Life	AA x2, Ni-MH or LR6, 6-12 hours using
MIDI	5 pin jack IN and OUT with 5V power source
CPU	120MHz dual core
Dimensions (L x W x H)	155mm x 95mm x 55mm (6.1 x 3.7 x 2.2 inches)

7. WARRANTY AND SUPPORT

7.1. Product Warranty

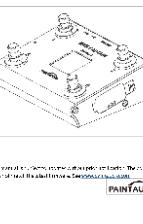
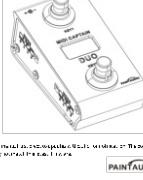
PAINTAUDIO products are manufactured to high quality standards. For specific warranty terms and conditions, please refer to the warranty information provided with your purchase documentation or contact PAINTAUDIO customer support. Keep your proof of purchase for warranty claims.

7.2. Customer Support

If you have any questions, require technical assistance, or need further support regarding your MIDI Captain MINI 6, please contact PAINTAUDIO customer service through the official website or the retailer from whom you purchased the product. Ensure you have your product model number and purchase details ready when contacting support.

For the most up-to-date information, firmware updates, and additional resources, please visit the official PAINTAUDIO website.

Related Documents - MIDI Captain MINI 6

	<p>PAINTAUDIO MIDI Captain Super Mode: Functionality and Configuration Guide</p> <p>Explore the advanced Super Mode firmware for PAINTAUDIO MIDI Captain controllers. This guide details functionality, configuration options, MIDI and HID command emulation, and provides practical examples for models like ONE, DUO, NANO 4, MINI 6, and 10-switch versions.</p>
	<p>PAINTAUDIO MIDI Captain Series Recovery Guide</p> <p>Comprehensive guide to recovering PAINTAUDIO MIDI Captain series devices from error prompts or boot failures. Includes step-by-step instructions for various scenarios.</p>
	<p>MIDI Captain NANO 4: Super Mode MIDI Switches Configuration Guide</p> <p>A comprehensive guide to configuring the MIDI Captain NANO 4 with Super Mode MIDI Switches, detailing its interfaces, firmware, and configuration language.</p>
	<p>MIDI Captain DUO: Super Mode MIDI Switches Configuration Guide</p> <p>A comprehensive guide to configuring the MIDI Captain DUO with Super Mode MIDI Switches, detailing its features, interface, firmware, and special reminders for optimal use.</p>
	<p>PaintAudio MIDI Captain MINI 6 User Manual and Configuration Guide</p> <p>Comprehensive guide to the PaintAudio MIDI Captain MINI 6, covering its features, interfaces, configuration language, and firmware. Learn how to customize foot switches and utilize Super Mode for advanced MIDI control.</p>
	<p>MIDI CAPTAIN PC/CC/NOTE MIDI Foot Controller User Manual</p> <p>Comprehensive user manual for the PaintAudio MIDI CAPTAIN, a PC/CC/NOTE MIDI Foot Controller with TIME ENGINE function. Covers connection, controls, screen display, operations, time engine functions, setup items, USB deep setup, factory presets, backup/restore, firmware updates, and specifications.</p>