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STRICH SPS-40B

STRICH SPS-40B Rechargeable Pedal Power Supply User Manual

Model: SPS-40B

INTRODUCTION

The STRICH SPS-40B is a versatile and portable power supply designed for guitar and bass effect pedals. Featuring a built-in 10,000mAh rechargeable battery, it provides cord-free power for extended periods. With 10 isolated 9V DC outputs and a 5V/1A USB port, it ensures clean, stable power for a wide range of pedals and can also charge external devices.



Image: The STRICH SPS-40B Pedal Power Supply unit shown with its included power cables.

SAFETY INFORMATION

- Do not expose the unit to water or excessive moisture.

- Avoid extreme temperatures.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Use only the provided USB charging cable or a compatible 5V/1A USB power source for charging.
- Ensure correct polarity and voltage when connecting pedals to avoid damage.

PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x STRICH SPS-40B Guitar Pedal Power Supply
- 10 x DC Power Cables (for connecting pedals)
- 1 x Type-C USB Charging Cable
- 1 x User Manual (this document)



Image: The complete package contents of the SPS-40B, showing the power supply, ten DC power cables, and a USB-C charging cable.

PRODUCT OVERVIEW

The SPS-40B unit features multiple output ports and indicators for ease of use.

- **DC 9V Outputs:** Ten isolated 9V outputs are available. Two outputs provide 300mA, suitable for higher current draw pedals, while eight outputs provide 100mA for standard pedals. Each output has an indicator light.
- **USB 5V/1A Output:** A standard USB-A port for charging external devices like smartphones or tablets.
- **Charging Port:** A USB Type-C port for recharging the internal 10,000mAh battery.

- **Power Switch:** Toggles the unit on/off.
- **Battery Level Indicators:** Four LED lights (25%, 50%, 75%, 100%) display the remaining battery charge.



Image: Detailed view of the SPS-40B's output section, highlighting the two 300mA and eight 100mA 9V DC outputs.



Image: Side panel of the SPS-40B, illustrating the power switch, USB-C charging input, USB-A output, and battery status LEDs.

SETUP

1. Charging the Power Supply

Before initial use, fully charge the SPS-40B. Connect the provided USB Type-C charging cable to the unit's "Charging Port" and the other end to a 5V/1A USB power source (e.g., a wall adapter, computer USB port, or power bank). The battery level indicators will illuminate to show charging progress. All four LEDs will be solid when fully charged.

2. Connecting Pedals

1. Ensure the SPS-40B is turned off.
2. Identify the power requirements (voltage and current draw in mA) for each of your pedals. Most guitar pedals require 9V DC.
3. Connect one end of the included DC power cables to the appropriate 9V output jacks on the SPS-40B. Match the current rating (100mA or 300mA) to your pedal's needs.
4. Connect the other end of the DC power cables to the power input jack of your effect pedals. Ensure correct polarity (center negative is standard for most pedals).



Image: The SPS-40B integrated into a pedalboard setup, providing power to several effect pedals.

OPERATING INSTRUCTIONS

1. Powering On/Off

Flip the "POWER" switch on the side of the unit to the "ON" position to activate the power supply. The blue indicator LEDs above each active output will light up, confirming power delivery to your pedals. Flip the switch to "OFF" when not in use to conserve battery life.

2. Monitoring Battery Level

The four green LEDs next to the charging port indicate the remaining battery capacity (25%, 50%, 75%, 100%). Recharge the unit when the battery level is low to ensure uninterrupted performance.

3. Using the USB Output

The "OUT DC 5V/1A" USB-A port can be used to charge compatible USB-powered devices. Simply connect your device's USB charging cable to this port. This feature is active when the power supply is turned on.

Your browser does not support the video tag.

Video: An overview of the STRICH SPS-40B Pedal Power Supply, demonstrating its features and connectivity. (Source: Strich Direct)

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the unit. Do not use liquid cleaners or solvents.
- **Storage:** Store the power supply in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to approximately 50-75% every few months to maintain battery health.
- **Battery Care:** Avoid completely draining the battery frequently, as this can reduce its lifespan.

TROUBLESHOOTING

- **No Power to Pedals:**
 - Ensure the power supply is turned on.
 - Check the battery level indicators and recharge if necessary.
 - Verify that DC cables are securely connected to both the power supply and the pedals.
 - Confirm that the pedal's power requirements (9V DC, correct mA) match the output used.
- **Excessive Noise/Hum:**
 - Ensure all cables are properly shielded and in good condition.
 - The SPS-40B features isolated outputs to minimize noise. If noise persists, try isolating the problematic pedal or cable.
 - Ensure no ground loops are present in your signal chain.
- **USB Device Not Charging:**
 - Ensure the power supply is turned on.
 - Check the USB cable and device for proper connection.
 - Verify the device's charging requirements are compatible with 5V/1A output.

SPECIFICATIONS

Feature	Specification
Model	SPS-40B
Battery Capacity	10,000mAh
DC 9V Outputs	2 x 300mA, 8 x 100mA (10 total, isolated)
USB Output	5V/1A







Charging Port	USB Type-C
Material	Alloy, Aluminum
Item Weight	0.6 kg (1.32 pounds)
Product Dimensions	7.68 x 4.33 x 2.56 inches

WARRANTY AND SUPPORT

STRICH offers a warranty for this product. Please refer to the following details:

- **Warranty Period:** Up to 12-month warranty from the date of purchase.
- **Return Policy:** 30-day free return.
- **Customer Support:** E-mail chat assistant response within 24 hours. For support, please visit the official STRICH store on Amazon or contact their customer service directly.

Related Documents - SPS-40B

	STRICH SPS-30 MAX User Manual: Guitar Pedal Power Supply User manual for the STRICH SPS-30 MAX guitar pedal power supply. Provides instructions on operation, connection, safety, and accessories for this isolated pedalboard power solution.
	STRICH GREY TUBE Owner's Manual - Guitar Effect Pedal Official owner's manual for the STRICH GREY TUBE guitar effect pedal. Learn about its features, controls, specifications, and important connection precautions for optimal use.
	STRICH ZEAL BLAST Owner's Manual - Guitar Effects Pedal Official owner's manual for the STRICH ZEAL BLAST guitar effects pedal, detailing its controls, connections, specifications, and important usage precautions for guitarists.
	STRICH Stereo Guitar Looper Pedal with Drum Machine: Instructions and Operation Comprehensive guide to operating the STRICH Stereo Guitar Looper Pedal with Drum Machine, detailing LOOPER+RHYTHM functions, MERGER CTRL, and external footswitch controls for musicians.
	STRICH MODULAR Guitar Effects Pedal Owner's Manual Official owner's manual for the STRICH MODULAR modulation ensemble guitar effects pedal, detailing its features, controls, specifications, and connection precautions.
	STRICH OCTPUS Polyphonic Octave Guitar Pedal User Manual Comprehensive user manual for the STRICH OCTPUS Polyphonic Octave guitar effects pedal, detailing controls, operation, precautions, and specifications.

