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SparkFun Proto Pedal

Ⓜ PRT-13124 ROHS ✓ ⚙

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DESCRIPTION

INCLUDES

DOCUMENTS

The SparkFun Proto Pedal is an easy-to-assemble kit that makes building guitar effect pedals easier. Let's face it, most guitar pedals start with all-too-similar circuitry – you need the input and output jacks, the bypass switch, and a barrel jack for power input. In some pedals, there may be as much wiring involved in the jacks and switch as there is in the effect itself. The SparkFun Proto Pedal takes care of the hard part and provides you with a simple infrastructure; all you need to do is decide what simple circuit to make to gain your desired effect, and you'll be ready to rock!

With the SparkFun Proto Pedal you'll find all the problems of a guitar pedal's complex framework solved with true bypass and LED switching; a large, open prototyping area equivalent to a standard solderless breadboard; a small prototyping area for power regulation or reference voltages; and six positions to help organize potentiometer wiring. To make your life even easier, not only have we written a complete [assembly guide](#) for the Proto Pedal; we have also written two effect circuit guides that utilize the board's large prototyping area. All of these guides can be found in the *Documents* section below.

Each Proto Pedal comes as an easy-to-assemble PTH soldering kit, and it's up to you to solder it all together! Additionally, we highly recommend using the [Proto Pedal Enclosure](#) with this kit. It's a standard-size cast aluminum box, which does double duty as an assembly jig to help get the jacks and switch aligned correctly. We did **NOT** include the enclosure with the Proto Pedal to help keep the kit affordable – and in case you already had an enclosure you wanted to use or create yourself.

[GET STARTED WITH THE PROTO PEDAL ASSEMBLY GUIDE](#)

Tags

AUDIO GUITAR PEDAL KIT PROTO PEDAL PROTOTYPING
SPARKFUN ORIGINAL

SparkFun Proto Pedal Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



Proto Pedal Assembly and Theory Guide

SEPTEMBER 22, 2016

Getting started with the SparkFun Proto Pedal. We'll assemble the board, then discuss some of the details of the circuit.



Proto Pedal Example: Analog Equalizer Project

SEPTEMBER 22, 2016

Building a gyrator-based analog equalizer using the Proto Pedal.



Proto Pedal Example: Programmable Digital Pedal

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Building a pedal around the Teensy 3.2 and Teensy Audio shield. Changing the effect in the pedal is as easy as uploading a



Proto Pedal Chassis Hookup Guide

SEPTEMBER 22, 2016

Prepare the Proto Pedal Chassis by drilling holes for controls and painting it.

COMMENTS 10

REVIEWS ★★★★★ 1

Customer Reviews

★★★★☆ 4 out of 5

Based on 1 ratings:

5 star		0
4 star		1
3 star		0
2 star		0
1 star		0

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1 of 1 found this helpful:

★★★★☆ Best thing I ever owned!

about a year ago by **Member #485758** verified purchaser

And here's why...it's because it is awesome!



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In 2003, CU student Nate Seidle blew a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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