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<http://www.dexterindustries.com/download.html#dLight>

Arduino Playstation DualShock Shield



A Playstation DualShock controller interface for the Arduino.

Slide this shield over your Arduino, plug in your controller, and you've got the awesome combination of a form-fitting controller and an open-source micro-controller.

Overview

The Dexter Industries [Playstation Dual Shock Controller Shield](#) is a project we've developed to interface the PlayStation 2 style controller to the [Arduino](#). The shield allows you to connect any PlayStation 2 device to the Arduino.

The best place to start for hardware is Bill Porter's [Playstation 2 Device Page](#). This page gives a great overview of what's going on between the Arduino and the Playstation 2 Controller.



Detailed Description

Introducing the Arduino Playstation DualShock Shield, a shield for easily connecting your Playstation DualShock controller to your Arduino.

Dexter Industries Dualshock Shield for the Arduino slides over the [Arduino UNO](#), and Mega. This shield is a Playstation DualShock controller interface for the Arduino. Rather than splice up controller wires, destroy your controller, and guess which wire goes where, you simply slide this over your Arduino, plug in your controller, and you've got the awesome combination of a form-fitting controller and an open-source micro-controller. Software is easy with a ready-made library. Robot domination shouldn't be too far behind.

This shield will fit on most Arduinos. We have tested it on the Arduino Uno, Mega and ADK. The easiest way to get up and running is to use our fork of Bill Porters super-easy library found on [github here](#). There is a ready made library for the Arduino, and some easy to follow example code.

The shield comes fully assembled and does not require any assembly. Slide it on and go!

This project has been tested with a few controllers, listed on [our website here](#).

Software

We have a fork of the [PS2x Arduino Library on our Github page](#). The software comes with drivers and a full example for reading the PS2 device information.

Hardware Design

The full schematic and board design can be downloaded from our [Github Repository for the Playstation Controller](#).



Successfully Tested Devices

- M-Tech Controller
- dreamGEAR Magna Force
- YFD001