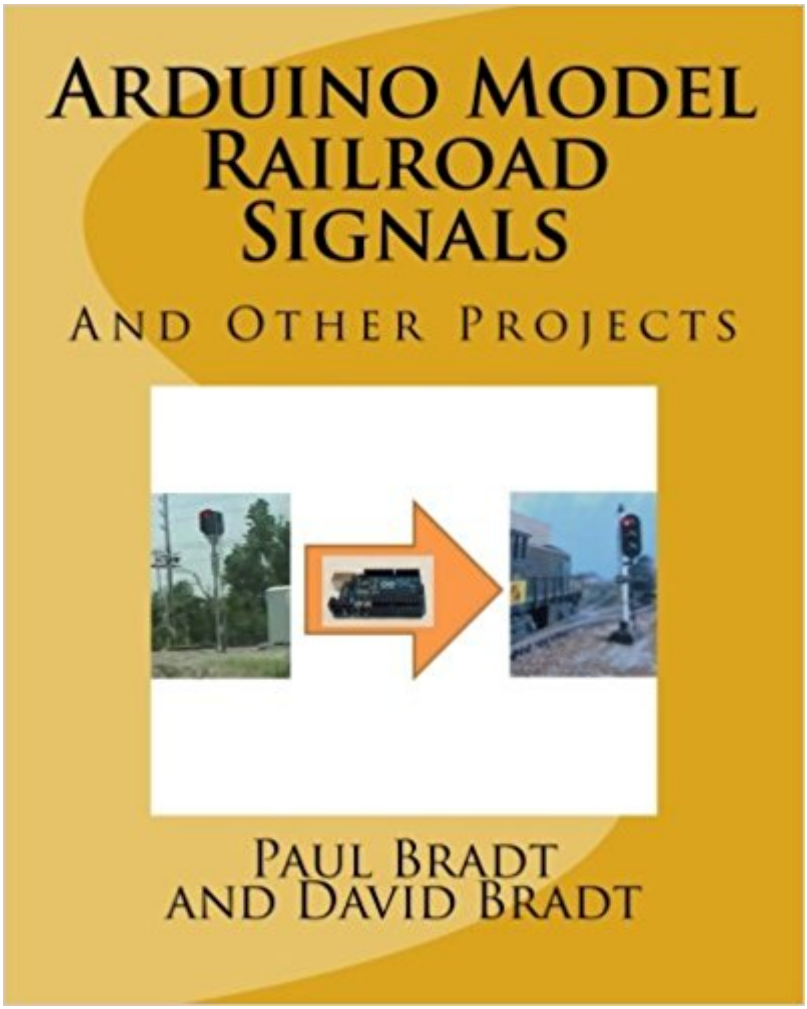
Arduino Model Railroad Signals: And Other Projects



Synopsis

This book provides ideas for the model railroad enthusiast to develop automated signal projects. Most of these projects are HO scale, however there is one G scale semaphore signal. It also provides the basics on using and programming the Arduino micro-controller. These projects are great starting points for projects that specifically fit the model railroaderÃ¢â ¬â„¢s own system.

Book Information

Paperback: 100 pages

Publisher: CreateSpace Independent Publishing Platform (October 10, 2015)

Language: English

ISBN-10: 1516847121

ISBN-13: 978-1516847129

Product Dimensions: 8 x 0.2 x 10 inches

Shipping Weight: 9.9 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 7 customer reviews

Best Sellers Rank: #831,730 in Books (See Top 100 in Books) #124 inÃ Â Books > Crafts, Hobbies & Home > Crafts & Hobbies > Toys & Models > Model Trains

Customer Reviews

Paul Bradt has a BS in Computer Science from University of Houston Clear Lake. He has worked as a contractor developing various computer program types. He has experimented with the Arduino system and believes it to be an excellent tool for developing an understanding of how electronic components and hardware interact in integrated systems, and it is useful as a teaching aid in learning the basics of computer programming. He likes to perform sophisticated troubleshooting of computer problems and has found that the online resources associated with Arduino can be a great help for novice users to get their experiments operating quickly and effectively. David Bradt has a BS in Mechanical Engineering from New Mexico State University with many years of experience at NASA and in the Petrochem Industry. He is also a model railroader and enjoys adding realistic features to his compact HO layout. This is the third book the authors have collaborated on. The first book is titled Arduino Heat Transfer Science Fair Projects and the second book is titled Arduino Force Pressure and Acceleration Science Fair Projects

I am editing my review to reflect my current experience. After having issues with the first project, the author assisted me and I am happy to upgrade my review to 5 stars. I also have tried the second

project, using a photo sensor to trigger a signal and it worked perfectly.This is a book I was very happy to find. I've been interested in learning to use an Arduino in a model railroad setting and this book definitely helped me do just that.

As an electronics engineer I liked his projects. I liked seeing multiple Arduino projects. I think enough basic information is given that most people could make a go of his projects. Note I'm not a model railroad person, I wanted to see yet another application of Arduino technology. And this book fit the bill, I even learned a few railroading bits and pieces along the way.

Great book! A lot of project ideas! Let's get soldering!

good book

Great book.

Somewhat simplistic and not very comprehensive in scope. Some very good information for someone not familiar with Arduino

This book is a really good reference for arduino and how you can use it for model railroading.

Lego and Arduino Projects: Projects for extending MINDSTORMS NXT with open-source electronics Insider Secrets From A Model Agent: How To Become A Successful Model (Modeling, Modelling, Model Agency) RCadvisor's Model Airplane Design Made Easy: The Simple Guide to Designing R/C Model Aircraft or Build Your Own Radio Control Flying Model Plane Underground Railroad in Pennsylvania, 2nd Edition (The Underground Railroad) Make: Arduino Bots and Gadgets: Six Embedded Projects with Open Source Hardware and Software (Learning by Discovery)