



# The Unofficial LEGO MINDSTORMS NXT Inventor's Guide

*By David J. Perdue*

Download now

Read Online ➔

**The Unofficial LEGO MINDSTORMS NXT Inventor's Guide** By David J. Perdue

The Unofficial Lego Mindstorms Nxt Inventor's Guide by David J. Perdue. No Starch Pr,2007

 [Download The Unofficial LEGO MINDSTORMS NXT Inventor's ...pdf](#)

 [Read Online The Unofficial LEGO MINDSTORMS NXT Inventor's ...pdf](#)

# The Unofficial LEGO MINDSTORMS NXT Inventor's Guide

*By David J. Perdue*

**The Unofficial LEGO MINDSTORMS NXT Inventor's Guide** By David J. Perdue

The Unofficial Lego Mindstorms Nxt Inventor's Guide by David J. Perdue. No Starch Pr,2007

## **The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue Bibliography**

- Sales Rank: #1005391 in Books
- Brand: Brand: No Starch Press
- Published on: 2007-10-29
- Original language: English
- Number of items: 1
- Dimensions: 9.96" h x .80" w x 8.04" l, 1.65 pounds
- Binding: Paperback
- 300 pages



[Download The Unofficial LEGO MINDSTORMS NXT Inventor's ...pdf](#)



[Read Online The Unofficial LEGO MINDSTORMS NXT Inventor's ...pdf](#)

## Download and Read Free Online The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue

---

### Editorial Review

From the Back Cover

The LEGO MINDSTORMS NXT set includes a variety of powerful electronic parts (motors, sensors, and the programmable NXT microcomputer) and lots of building elements. With these parts you can create thousands of unique, intelligent robots. *The Unofficial LEGO MINDSTORMS NXT Inventor's Guide* helps you to harness the capabilities of the NXT set and effectively plan, build, and program your own NXT robots.

The first part of the book contains a brief introduction to the NXT set. You'll then examine the pieces in the NXT set and the roles they play in construction. Next, you'll learn practical building techniques, like how to build sturdy structures and work with gears. Then it's time to learn how to program with the official NXT-G programming language (and learn a bit about several unofficial programming languages). You'll also learn what author David J. Perdue calls the MINDSTORMS method: a strategy for creating your own robots. Finally, you'll follow step-by-step instructions for building, programming, and testing six sample robots (all of which can be built using only the parts found in one NXT set). These six robots include:

- Zippy-Bot, a two-wheeled vehicle with a ball caster
- Bumper-Bot, a version of Zippy-Bot that explores your room and avoids objects
- Claw-Bot, a version of Zippy-Bot that searches for objects and pushes them away with its claw
- Tag-Bot, a four-wheeled steering vehicle that dashes around while you try to "tag" it with a flashlight
- Guard-Bot, a six-legged walking robot that launches a ball at intruders
- Golf-Bot, a stationary robot that finds a target and then hits a ball into the target

You'll also find an NXT-G Quick Reference, which provides information on the 30 types of standard programming blocks, and the LEGO MINDSTORMS NXT Piece Library, which features detailed information and images of the more than 80 types of LEGO pieces in the NXT set.

So go ahead. Grab your NXT set, fire up your creative mind, and see what you can invent with *The Unofficial LEGO MINDSTORMS NXT Inventor's Guide*.

About the Author

David J. Perdue is the author of *Competitive MINDSTORMS* (Apress, 2004) and has written for BrickJournal. He has been inventing with MINDSTORMS since 2001 and has received three Special Mention awards for his creations on the official online MINDSTORMS invention gallery. He lives with his family in Round Rock, Texas, and maintains his website at <http://www.davidjperdue.com>.

### Users Review

**From reader reviews:**

**Dwayne Moseley:**

Do you have favorite book? Should you have, what is your favorite's book? Publication is very important thing for us to learn everything in the world. Each e-book has different aim or goal; it means that book has

different type. Some people experience enjoy to spend their time to read a book. These are reading whatever they consider because their hobby is usually reading a book. How about the person who don't like studying a book? Sometime, man or woman feel need book whenever they found difficult problem or perhaps exercise. Well, probably you'll have this The Unofficial LEGO MINDSTORMS NXT Inventor's Guide.

**Robert Young:**

Book is definitely written, printed, or outlined for everything. You can realize everything you want by a publication. Book has a different type. As we know that book is important thing to bring us around the world. Adjacent to that you can your reading ability was fluently. A e-book The Unofficial LEGO MINDSTORMS NXT Inventor's Guide will make you to possibly be smarter. You can feel far more confidence if you can know about almost everything. But some of you think which open or reading any book make you bored. It is not necessarily make you fun. Why they can be thought like that? Have you looking for best book or appropriate book with you?

**Vanessa Palacios:**

People live in this new day of lifestyle always attempt to and must have the free time or they will get wide range of stress from both everyday life and work. So , when we ask do people have extra time, we will say absolutely yes. People is human not really a huge robot. Then we consult again, what kind of activity are you experiencing when the spare time coming to you of course your answer may unlimited right. Then do you ever try this one, reading textbooks. It can be your alternative inside spending your spare time, the book you have read is actually The Unofficial LEGO MINDSTORMS NXT Inventor's Guide.

**Roy Matsumoto:**

This The Unofficial LEGO MINDSTORMS NXT Inventor's Guide is great e-book for you because the content which can be full of information for you who have always deal with world and also have to make decision every minute. This book reveal it facts accurately using great coordinate word or we can declare no rambling sentences inside. So if you are read the item hurriedly you can have whole details in it. Doesn't mean it only gives you straight forward sentences but tough core information with lovely delivering sentences. Having The Unofficial LEGO MINDSTORMS NXT Inventor's Guide in your hand like getting the world in your arm, facts in it is not ridiculous one particular. We can say that no book that offer you world with ten or fifteen moment right but this e-book already do that. So , this is good reading book. Hey Mr. and Mrs. active do you still doubt that will?

**Download and Read Online The Unofficial LEGO MINDSTORMS  
NXT Inventor's Guide By David J. Perdue #IZ9Y8OB0G1F**

## **Read The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue for online ebook**

The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue books to read online.

### **Online The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue ebook PDF download**

**The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue Doc**

**The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue Mobipocket**

**The Unofficial LEGO MINDSTORMS NXT Inventor's Guide By David J. Perdue EPub**