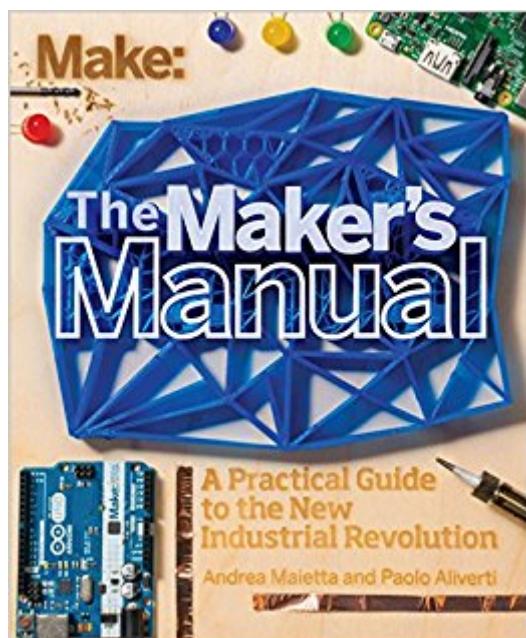


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The Maker's Manual: A Practical Guide To The New Industrial Revolution



Synopsis

The Maker's Manual is a practical and comprehensive guide to becoming a hero of the new industrial revolution. It features dozens of color images, techniques to transform your ideas into physical projects, and must-have skills like electronics prototyping, 3d printing, and programming. This book's clear, precise explanations will help you unleash your creativity, make successful projects, and work toward a sustainable maker business. Written by the founders of Frankenstein Garage, which has organized courses since 2011 to help makers to realize their creations, The Maker's Manual answers your questions about the Maker Movement that is revolutionizing the way we design and produce things.

Book Information

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Customer Reviews

Excerpts from the Preface New Industrial Revolution A revolution is happening: the manufacture of objects is shifting from big companies—where your only choice might be the color black—to individuals, producing a previously unseen variety in things we make.

New Entrepreneurs The new entrepreneurs have an utterly different approach: it is based on scientific techniques that were born within the industry field, reached the software world, and finally arrived in the business system. New Experiences This manual is an overview of the indispensable tools you'll need to become a maker: the starting point for a truly rewarding path. The manual consists of four parts: Part I discusses the makers Part II

proposes an easy yet structured approach to generate or perfect your own ideas (creative techniques, design processes) and make them grow in a favorable environment. Part III is the more practical section, and briefly introduces the tools you'll need to collaborate. Part IV explains how to give life to your creations, thanks to electronics and microcontrollers.

Andrea Maietta is a passionate advocate of agile methods, and is responsible for helping clients understand their needs and providing them with appropriate solutions to build value. He is a software engineer, maker, tireless reader, husband and father, and Rugby Union fan for life. Always excited to learn and share, Andrea is a frequent speaker at conferences and is involved in training, communication, and organization. His dream is to build a lightsaber. Paolo Aliverti became interested in electronics and microcomputers at the age of ten. He is one of the founders of Frankenstein Garage, where he works on design and research as well as agile business, marketing, and planning. He organizes workshops on electronics and 3D printing, participates in conferences and events, and explains in simple words how easy it is to rebuild and repair items. In the little free time he has, he risks his life in the mountains.

Fast delivery and I am delighted with the book. It has everything I wanted to know from history, developing your idea, developing your business with financing ideas, and then the technology... concisely written with no fluff, easy to read, and all within a relatively short book. Perfect.

Great resource for Maker's Space projects!

A very complete book on this subject.

I love this book.

Not at all what I was expecting, given the description. If you are at a *very* basic level and need to learn what an Arduino, Raspberry Pi, and various handy bits of software used by many Makers are... this is the book for you. The same information could be had with about 30 minutes of detective work in Google and reading a few websites. Likewise, it seemed like at least half the book reads like a manual on workflow at a factory... complete with some of the corporate-speak those of us who have worked in manufacturing get really tired of hearing. Honestly, I was looking for a book that gave detailed information on processes for making things - How to work with plastics, wood, soft metals...

casting plastic and non-ferrous metals, how to make something look nice and professional with good control panels, layouts, decals or silk screening, etc. I've been trying to find this information in some of these "Maker's" books... but it seems 99% of them just want to talk about workflow and project management like some sort of new-management meeting retreat, rather than actually teaching anybody how to actually "make" anything. Very disappointed. I'm sure it will help some people out there, but it's nothing like I expected it to be and teaches me very little of actual practical use.

Very concise and full description about how to develop Maker skills from concept to practical, the writer gives a all-round perspective about the required skills about being a Maker. It is a excellent step-stone to get a glimpse of the Maker skills.

Good information, I loved it.

I'm satisfied.

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