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The Basic Soldering Guide



Synopsis

The Basic Soldering Guide by Alan Winstanley (Online Editor, Everyday Practical Electronics Magazine) is the #1 resource to learn all the basic aspects of electronics soldering by hand. With over 80 clear colour photos, this class-leading reference assumes no prior knowledge and explains the correct choice of soldering irons and tips, lead and lead-free solder, rosin fluxes and tools. How to solder and desolder circuit boards, electronic components, wires and terminals are then explained in a clear, friendly and non-technical fashion that shows you everything you need to know, so you'll be soldering successfully in next to no time! Also ideal for those approaching electronics from other industries, or maybe tackling a soldering task on a home-made project, electronics kit, remote control car, quadcopter, electric guitar or audio equipment, Arduino or Pi project for the first time, Alan Winstanley's Basic Soldering Guide is the best resource of its type, and thanks to its colour photography and crystal clear text, the art of soldering can now be learned by everyone! Now also available in a full colour paperback handbook edition that's perfect for education, training and hobbyist use, the Basic Soldering Guide is an indispensable guide distilled from the author's 40 years' of practical hands-on experience in electronics and will be an invaluable guide for anyone wanting to master the skills of electronics soldering for themselves. Why not check the free Kindle preview to see more, then choose the Kindle or paperback version of the Basic Soldering Guide to suit your needs.

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Customer Reviews

This is an excellent book. Recent discussion in the electronics industry indicate a profound lack of soldering skill amongst newly graduated engineers. This book should be given as a graduation present to all of them! It is clearly and succinctly written and well illustrated. It covers almost everything a hobbyist or an engineer will encounter whilst prototyping, including joining wires, flying electronic components and heatsinking. Every time I thought of some trick that I know and would not be in the book, there it was in the next paragraph. The only reservation that I have is that the book does not deal with hand soldering surface mount components. It would be nice if the book could be revised to address that. But if someone learns from this book, the leap to hand soldered SMD (at least the SOIC types) is not difficult. As for BGAs and the like, no soldering iron is going to help that. The book has a decided English flavour with a little European bias- I am not sure where you would get some of the flux products in North America. Also a "dry joint" or "cold joint" is called a "cold-solder" joint over here, but from experience my use of the English term is mostly implicitly understood. Also the term "side-cutters" is largely unknown, but generically called "cutters". Again, most readers will get over the common language barrier. However I still can't swallow the "L" in solder (which Mr Winstanley did point out).

Good overview of basic skills and equipment. Like many, I've been soldering badly for years (decades) and always intended to improve my skills. This book is a good start. Sponsored by Antex, an equipment vendor, so their gear is referenced as examples, but not to the point that it detracts from the good content of the book.

I remember first seeing Alan's "Basic Soldering Guide" in the late 1990s when the Internet was still relatively new. At that time, I thought "I wish this had been available when I was starting out." This guide was, and still is, an indispensable resource for anyone who wishes to learn how to solder. It walks the reader through all of the steps, from choosing a soldering iron to working with different fluxes to the actual act of soldering. Of particular interest to me is the fact that Alan doesn't just cover soldering components to boards -- he also explains things that a lot of other guides miss out, like attaching wires to potentiometers (a lot of the techniques that we experienced "solderers" take

for granted are non-obvious to beginners, but Alan doesn't assume any prior knowledge). This latest version boasts 80 all-new color photographs accompanied by detailed explanations and a wealth of useful hints, tricks, and tips.

A lot of information for those new to soldering (like me.) If you want to learn how to solder and have little or no experience this book is an excellent resource. You could probably find most of the information on the internet if you are patient and organized but this was an easy read (one evening) and all the information you need is one place.

I'm no expert in electronics soldering; however I am a professional in plumbing and underground utilities (water,sewer,storm) much larger pipe and copper. this was a great refresher course and I learned about the tools needed for wire & board work. The author is obviously a professional but has the gift of using simple terms that for a person with no experience at all can have the confidence to buy the right tools and the tricks or as I call them " pearls of wisdom "! These alone have a value that will prevent ROOKY mistakes. I always enjoy learning the tricks of a trade that normally are hard learned!. Mr Alan winstanley Yu have my gratitude.

First I must say that I have been soldering for over 3 decades. I was looking for a easy and well written book to use as a guide to teach adults the basic of soldering. I found it!

An excellent book for someone learning to solder for the first time. Clear, reasonably well-written. Good, clear photography. I have a few quibbles about wording, photographic details, presentation order, etc. but nothing of real consequence. It's nice that there's a page on first aid, too!Note that this book does not address the soldering of surface mount devices.

Very good. This book explains the basics of soldering in plain easy to understand directions..Having very little experience and less knowledge about the subject, I found this book was just what I needed.I downloaded the free Kindle app on my Windows PC to read this book. Very convenient to have for future reference.

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