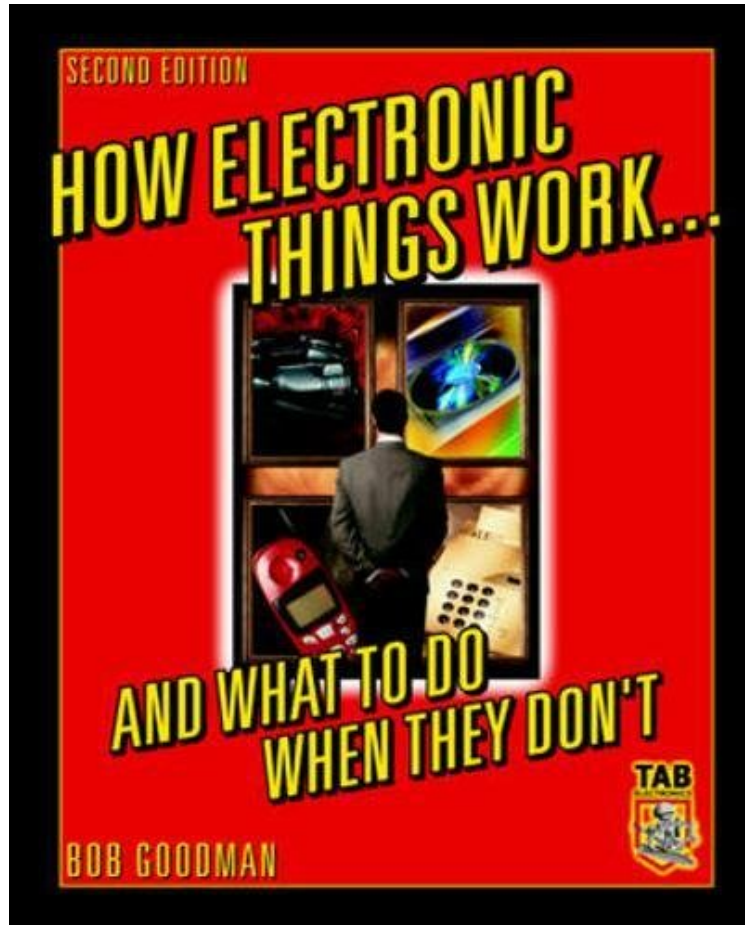


(Mobile pdf) How Electronic Things Work... And What to do When They Don't

How Electronic Things Work... And What to do When They Don't

Robert Goodman

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Robert Goodman : How Electronic Things Work... And What to do When They Don't before purchasing it in order to gauge whether or not it would be worth my time, and all praised How Electronic Things Work... And What to do When They Don't:

2 of 2 people found the following review helpful. Fascinating!!!By Edith R. ChurchI got this book from the library and have read the first 20 pages. I immediately ordered my own copy from . I agree with the first reviewer that the book is not for the beginner, but I have a rudimentary knowledge of electronics, and this is the best book on practical troubleshooting that I have seen. I couldn't put it down. The descriptions are vivid and compelling. I have not seen any inaccuracies thus far. Highly recommended for someone with an intermediate knowledge of electronics who wants to go deeper.0 of 0 people found the following review helpful. Five StarsBy Andrzej DembickiThank you.19 of 21 people found the following review helpful. Too high-levelBy M. MoffattI must admit I was a bit disappointed with this book. The first chapter is meant to be for complete beginners to electronics and it covers basic electronic components (resistors, capacitors, etc) but I don't think it was basic enough for a complete beginner. For example this

chapter mentions that you can use a multi-meter to test various components, but then it doesn't give you the step-by-step instructions on how to do it (i.e. what setting to put your multi-meter on and what values to look for). The rest of the book continues in a similar fashion; it's quite high-level and doesn't really delve into the nitty-gritty practical side of things that you need to know to make real repairs. There is plenty of sound advice on how to trouble-shoot and what to look for to identify the problem, but then it falls down on the "how to fix it" side of things. This is probably because there's so many different electronic devices out there that the author can't possibly cover all of them in any real detail. Coupled with a manufacturer's service manual for the item you want to repair and a good guide to practical electronics, this book may be of use to people that want a pointer as to where to start looking for the problem.

A guide to understanding and repairing electronics equipment written for the general public.

This update of the 1998 edition explains the practical side of electronics--troubleshooting problems, testing, repair, and servicing. Although the reader may not learn all the basics of electronics here, there is certainly a lot to be learned about resolving typical problems with common household items. This second-edition begins with an overview of basic electronic components, common component failures, testing equipment and testing methods. The following ten chapters each focus on a particular device class, with an explanation of the basic functioning of the device followed by some cleaning, troubleshooting and repair information. The final chapter covers general-purpose troubleshooting. While not comprehensive, this resource is valuable for beginners. by James K. Deane, Library Assistant at the Emporia Public Library, Kansas

An introductory overview of basic electronic components, common component failures, and testing equipment and methods is followed by ten chapters that focus on ten particular device classes, with an explanation of the basic functioning of the device along with some cleaning, maintenance, and repair information. The final chapter covers general-purpose troubleshooting. While not comprehensive, this is valuable for novices.

From the Back Cover **ELECTRONIC EQUIPMENT ON THE BLINK ? DONT JUNK IT OR PAY SKY-HIGH REPAIR COSTS -- FIX IT YOURSELF!** Heres a guide to understanding and repairing electronics equipment written for people who would ordinarily call the shop. With this fully illustrated, simple-to-use guide, you will get a grasp of the workings of the electronics world that surrounds you and even learn to make your own repairs. And you may even start enjoying it! Whether you want to pocket the savings on repair bills, give your beloved equipment the best possible care, or merely understand how it all works, this book will show you how in easy-to-understand language and clear illustrations - and you dont need any technical experience. Written by a technician who has fixed virtually everything that plugs into a wall, this handy do-it-yourself introduction to home and office repair delivers:

- * Clear explanations of how things work, written in everyday language
- * Easy-to-follow, illustrated instructions on using test equipment to diagnose problems
- * Guidelines to help you decide for or against professional repair
- * Tips on protecting your beloved equipment from lightning and other electrical damage
- * Lubrication and maintenance suggestions

Electronics 101 for true beginners Next time your equipment acts up, dont get mad. Get it working with a little help from this book. **HOW TO UNDERSTAND (AND FIX):**

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- * Speaker Systems
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- * CD Players
- * Monitors
- * Camcorders
- * Copiers and FAX machines

About the Author Robert L. Goodman is one of our nation's most popular and esteemed electronics writers. The author of over 60 books on practical electronics, he wrote his first color TV service manual for TAB Electronics in 1968. A working electronics technician with more than 40 years of experience troubleshooting and repairing virtually every piece of electronics equipment on the market, Bob resides in Hot Springs, Arkansas. A number of his books have been translated into foreign languages, including Chinese, are international bestsellers.