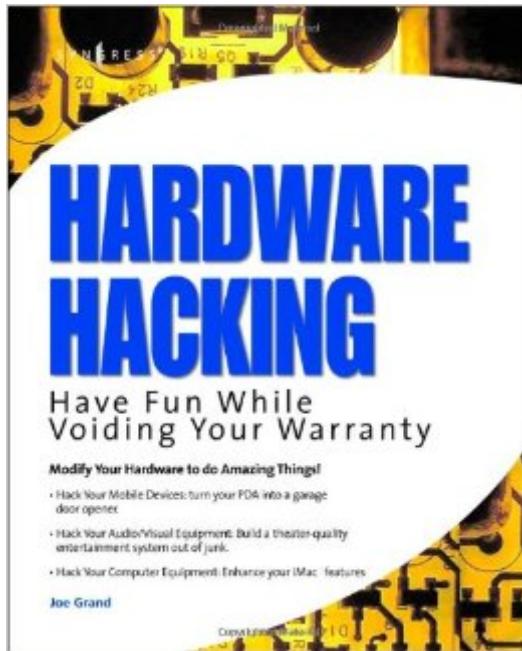# Hardware Hacking: Have Fun While Voiding Your Warranty

Synopsis

"If I had this book 10 years ago, the FBI would never have found me!" -- Kevin Mitnick This book has something for everyone---from the beginner hobbyist with no electronics or coding experience to the self-proclaimed "gadget geek." Take an ordinary piece of equipment and turn it into a personal work of art. Build upon an existing idea to create something better. Have fun while voiding your warranty! Some of the hardware hacks in this book include: * Don't toss your iPod away when the battery dies! Don't pay Apple the $99 to replace it! Install a new iPod battery yourself without Apple's "help"* An Apple a day! Modify a standard Apple USB Mouse into a glowing UFO Mouse or build a FireWire terabyte hard drive and custom case* Have you played Atari today? Create an arcade-style Atari 5200 paddle controller for your favorite retro videogames or transform the Atari 2600 joystick into one that can be used by left-handed players* Modern game systems, too! Hack your PlayStation 2 to boot code from the memory card or modify your PlayStation 2 for homebrew game development* Videophiles unite! Design, build, and configure your own Windows- or Linux-based Home Theater PC* Ride the airwaves! Modify a wireless PCMCIA NIC to include an external antenna connector or load Linux onto your Access Point* Stick it to The Man! Remove the proprietary barcode encoding from your CueCat and turn it into a regular barcode reader* Hack your Palm! Upgrade the available RAM on your Palm m505 from 8MB to 16MB Â Includes hacks of today's most popular gaming systems like Xbox and PS/2.Â Teaches readers to unlock the full entertainment potential of their desktop PC.Â Frees iMac owners to enhance the features they love and get rid of the ones they hate.

Book Information

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Customer Reviews

If you're the hard-core type that likes to take things apart and "fix" them, you'll like Hardware Hacking: Having Fun While Voiding Your Warranty by Joe Grand (Syngress). Your discarded toys will never be quite the same again.Chapter list: Tools of the Warranty Voiding Trade; Electrical Engineering Basics; Declawing Your CueCat; Case Modification: Building a Custom Terabyte FireWire Hard Drive; Macintosh; Home Theater PCs; Hack Your Atari 2600 and 7800; Hack Your Atari 5200 and 8-Bit Computer; Hacking the PlayStation 2; Wireless 802.11 Hacks; Hacking the iPod; Can You Hear Me Now? Nokia 6210 Mobile Phone Modifications; Upgrading Memory on Palm Devices; Operating Systems Overview; Coding 101; IndexThe first thing to know about this book is that it isn't a beginner's volume. There is some serious hardware modifications going on here. You should be comfortable with electrical theory, devices such as resistors and capacitors, and tools like soldering irons. Also, I'd recommend that you don't try these things on primary devices. I'd say there's a decent chance you could damage it trying some of these tricks. But having said all that, you'll enjoy the book if you meet the above qualifications.Since I'm not a major hardware geek, I don't know that I could do many of these mods. One of the mods that would be useful even to non-geeks is the chapter on the iPod. You will learn how to replace the battery and how to upgrade the hard drive on your earlier generation iPods, and you don't even need to be that handy. That tip alone would probably pay for the cost of the book.

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