



26 W. Mission St., #3  
Santa Barbara, CA 93101

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CONTACT: Joan Dixon  
Rocky Nook, Inc.  
Ph. (805) 687-8727  
Fx: (805) 687-2204  
[joan@rockynook.com](mailto:joan@rockynook.com)

## **The Canon Camera Hackers Manual** *Teach Your Camera New Tricks*

### **New Release by Rocky Nook**

*Santa Barbara, CA, June 1, 2010* – *The Canon Camera Hackers Manual* addresses “geeky” owners of Canon consumer cameras, such as the Powershot and IXUS, who would like to explore the possibilities of their cameras and eventually tweak them to do things way beyond their original specifications.

The hacks are based on the Canon Hack Development Kit (CHDK), free software maintained by a group of enthusiasts. Many scripts are already published on the web, and this book teaches how to use existing scripts and how to write new ones.

Canon cameras allow the user to temporarily upload so-called add-ons into the camera through the memory card. The next time the camera is powered on, the add-on is active; when the camera is switched off, the camera returns to its original state, so there is no risk of losing the manufacturer’s warranty.

Some of the things you will be able to do are:

- Produce RAW (or DNG) files in addition to the camera’s JPEG output
- Manually control aperture, shutter speed, and ISO
- Expand shutter speeds way beyond the specification limits
- Enable bracketing

#### **About the author:**

**Berthold Daum** studied photography in Melbourne and has both exhibited and published his images of Australia’s natural beauty.

He also holds a Ph.D in mathematics and is a professional Java and XML developer. Dr. Daum specializes in innovative electronic business technology and electronic content production. His experience in software training and ability to anticipate the needs of professional developers has been demonstrated in his previous books, including *Eclipse 2 for Java Developers* (Wiley) and *Modeling*

*Business Objects with XML Schema* (Morgan-Kaufmann).

**Additional Resources:**

For more information about the book and about Rocky Nook, see:  
[www.rockynook.com](http://www.rockynook.com)

**The Canon Camera Hackers Manual**

Berthold Daum

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To place an order:

[order@oreilly.com](mailto:order@oreilly.com)

1-800-998-9938

**About Rocky Nook:**

Rocky Nook's books are distributed through O'Reilly Media.

Rocky Nook was founded in early 2006 in Santa Barbara, California, and we are closely associated with dpunkt.verlag, a leading publisher of books on technology based in Heidelberg, Germany. The focus of Rocky Nook's publications is on digital photography. However, other areas related to modern photography, such as imaging and computer technology, are also important to us. Our mission is to demystify the cutting-edge developments in digital photography, providing practical instruction to enhance the skills of amateur and professional photographers. Our books offer in-depth information on technological advances in the digital photography workflow. We strive to support the efficiency and creativity of our readers with the ultimate goal of fostering outstanding image quality.

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