

Guide Number Flash Photography

Do you wish you had the most essential information you need to shoot compelling photos using your Canon dSLR's built-in or add-on flash unit DAVID BUSCH'S GUIDE TO CANON FLASH PHOTOGRAPHY is the solution. This book will teach you the fundamentals of good flash photography and show you how to shoot specific flash situations and subjects under a variety of conditions. Clear and concise explanations accompanied by beautiful, full-color images illustrate exactly what results to expect from particular camera/flash settings. From quick setup through ambient light measurements, pre-flash metering, distance to subject and angle of view considerations, accessories, wireless flash capabilities, and detailed descriptions of each Speedlite unit Canon offers, DAVID BUSCH'S GUIDE TO CANON FLASH PHOTOGRAPHY will help you get great flash results every time.

Photographers are always looking for perfect light. Unfortunately, the quality of available light, and the situations in which photos are created, are rarely perfect. This is especially true when photographing weddings or portraits on location. So while finding beautiful existing light is every photographer's ideal, it isn't always possible. This is the point at which photographers tend to reach for a portable, on-camera flash. Indeed, these intense light sources can prove invaluable, but only if you know how to use them effectively. In the hands of an inexperienced photographer, on-camera flash will produce images that look flat and lifeless—images with harsh shadows, washed-out skin tones, cavernous black backgrounds, and other unappealing visual characteristics. In this book, acclaimed wedding and portrait photographer Neil van Niekerk shows you how to avoid the pitfalls photographers new to speedlights often encounter so that you can produce professional images using on-camera flash. You'll learn to use simple accessories to manipulate the quality of light from your flash and how to improve a lighting scenario by enhancing rather than overwhelming the existing light. When the available light is too low and too uneven to be combined with flash, he shows you how to override it completely with flash and, with some thought and careful application of specialized techniques, still get results that look great. On-camera flash is one of the most challenging light sources to master, but with the techniques in this book you'll learn to use it with confidence. For wedding and environmental portrait photographers who must work in ever-changing lighting scenarios, this can mean better images and better sales.

Electronic flash not only brings light to a photograph, it can be an important artistic tool—if you've acquired the knowledge to use it creatively. To master those skills, digital photographers need only turn to this complete reference. Packed with inspirational photos, it takes the mystery out of flash, covering every type of equipment and explaining such essentials as guide numbers, sync speeds, white balance, and more. Photographers will see how fill flash can decrease contrast and shadows in outdoor portrait photography, understand how to control the light using bounce and multiple flash techniques, and expertly employ high-speed and rear curtain synchronization to create impressive motion-blur images. Everything you need to know is here—including a section on studio flash and computer processing.

Your Setup Guide to Flash Photography

Amphoto Guide to Flash Photography

The Flash Book

Flash Techniques for Digital Photographers

International Users Guide Nikon SB-24 Flash System

Speedlights & Speedlites

This guide to on- and off-camera flash picks up where Peterson's "Understanding Exposure" leaves off, helping free photographers from the limitations of auto to get the images they want when natural light isn't enough.

The Manual of Photography is the standard work for anyone who is serious about photography - professional photographers and lab technicians or managers, as well as students and enthusiastic amateurs who want to become more technically competent. The authors provide comprehensive and accessible coverage of the techniques and technologies of photography. The Manual has aided many thousands of photographers in their careers. The ninth edition now brings this text into a third century, as the first edition dates from 1890. Major new updates for the ninth edition include: Coverage of digital techniques - more emphasis on electronic and hybrid media Greater coverage of colour measurement, specification and reproduction - illustrated with a new colour plate section Dealing with the fundamental principles as well as the practices of photography and imaging, the Manual topics ranging from optics to camera types and features, to colour photography and digital image processing and manipulation. The authors write in a reader-friendly style, using many explanatory illustrations and dividing topics into clear sections.

Make a big impression with small flashes! In this book, Tilo Gockel shows you how to make magic by mastering the use of light. You will learn how to use speedlights to create amazing photographs in any lighting situation. Tilo uses 40 lighting workshops to teach his methods for producing impressive flash shots in portrait, fashion, macro, food, still life, and high-speed photography. The richly illustrated, easy-to-understand workshops are filled with recommendations and instructions for flash setups, detailed lighting diagrams, and tips and tricks for how to achieve the look of high-end studio shots using simple, accessible equipment, even in your own home. Also included is information on the settings that will help you master complex multi-flash situations, as well as tips on how to create cost-effective, self-built accessories. Foreword by Strobist.com's David Hobby.

Digital Photographer's Handbook

Science of Electronic Flash Photography

Mastering Canon EOS Flash Photography, 2nd Edition

Determination of Flash Guide Numbers

100% Reliable Flash Photography

Mastering Nikon Speedlights

Shooting with any kind of flash - whether it's a simple light on your camera, a remotely-triggered unit, or a complete studio setup - completely changes the photographic experience. No longer do you simply need to be aware of light; now you need to know how to shape it to your own ends. The Flash Photography Field Guide, small enough to be taken on the most arduous shoot, will show you exactly how to do this, whether you're shooting models in a studio, live sports events, or something as personal and special as your friend's wedding. This book covers the details of

setting up and using modern TTL flash systems, and the creative and technical choices you'll come across, from syncing the flash with the camera to modifying the quality of the light.

*If your past attempts at learning flash have all ended in failure (not to mention tears and/or blind rage), then *The Off-Camera Flash Handbook* is about to change everything for you. For years, photographer Vanessa Joy has been using off-camera flash to create gorgeous portraits that look like they were shot in the most beautiful natural light at the perfect time of day. Well, guess what? That consistent look was not created thanks to the most amazing luck with the weather. No. It was created by a pro photographer who mastered her use of off-camera flash. And with her down-to-earth and practical explanations, that's exactly what Vanessa teaches you in this book.*

Vanessa breaks down off-camera flash into an easy-to-understand approach, and instead of focusing on the gear and the settings (which are also included, of course), she focuses on the kinds of shots you want to make. This book is about learning to use off-camera flash easily and quickly so that you can create beautiful, natural-looking light in any situation, at any time you need it...regardless of the weather or time of day.

The book is divided into three parts. Part One covers the fundamentals of off-camera flash, and it does so without blasting you with a firehose of information. Instead, Vanessa gives you the basics you need so that you can start shooting right away without becoming overwhelmed with technical jargon.

Once you're set up and ready to go, Vanessa jumps right into Part Two with specific photo scenarios and real-world situations where you'll learn key techniques for using your flash to create consistent, beautiful photographs. For each scenario, Vanessa provides the goal for the shoot, a gear list, the step-by-step shooting instructions, and images that show both the progress of the shoot and the behind-the-scenes shots or lighting diagrams of the setup. She also discusses problems you may encounter, variations on the shot, and additional practical scenarios for each situation.

Just a few examples include:

- Recreating the golden hour at any time*
- Shooting groups*
- Making indoors look like outdoors*
- Enhancing natural light*
- Using flash at events*
- Working in harsh sunlight*
- Creating silhouettes*
- Shooting at sunset*
- Fixing an ugly-light room*
- And much more*

Finally, Part Three tackles the questions you'll likely have once you've got the basics under your belt and you're already creating great photos with your off-camera flash—things like high-speed sync, sync speed, a practical understanding of the inverse square law, etc. There is also a helpful FAQ section at the end of the book.

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Maximizing the power of your camera's flash is difficult enough in a studio set-up, but outdoors literally presents a whole new world of challenges. John Gerlach and Barbara Eddy have taken the most asked about subject from their renowned photography workshops and turned it into this guidebook that is sure to inspire your next outdoor shoot, while also saving you time and frustration. Outdoor Flash Photography covers a range of practices from portrait to landscape, including unique strategies that the authors have pioneered through 40 years in the field. Mastering the use of multiple flashes to freeze action is shown through one of most challenging subjects in nature, hummingbirds in flight. This book will benefit photographers of all experience levels who are eager to evolve their outdoor photography and get the most out of their equipment.

The Guide to Creating Great Images

Norm ISO 1230

A Complete Guide to the Best Equipment and Creative Techniques

Shaping the Light to Suit Your Photographs

Electronic Flash

Nikon Speedlight Handbook

Welcome to A Manual on Exposure in Photography. This book is unique and describes photography on a high level; it teaches how to observe sharply. This manual explains the theory and practice of setting the correct exposure for camera and Flash-gun. With the current filters, and film material, it is possible to take pictures under almost all circumstances. You can read how to use light, colour and photographic position, with minimum resources professional exposure and photographing. I myself take photos with all types of cameras; even with the Twin - lens reflex camera with two lenses used in the past. This book is intended for beginners and advanced; for all types of cameras and technical matters. This book describes the essence of digital photography: how to obtain the best results with your camera and avoid errors. Digital photography is a pleasure as you can edit your photos to suit your wishes. The book describes several themes of photography: vacations, weddings and parties, studio photography, landscapes, flowers, animals, close ups, and much more. In addition, as a beginner you can also read how to work in Photoshop. Landscape photography with automatic exposure is very simple. Portrait photography involves artistic deformation: the softening of the light and the softness and the colour of the skin. As a hobby photographer, you can often get better results and create new ideas for portrait photography with homemade equipment. We hope that A Manual on Exposure in Photography will encourage you to make better use of your camera and get more pleasure out of photographing.

Starting with the basics of camera control and moving on to shutter speeds, aperture, zoom and flash, Langford's Starting Photography gives you the only introduction to digital photography you'll ever need. Once you've mastered the basics, examples and projects allow you to explore the key methods for capturing a variety of subjects from portraits and pets to landscapes and sports photography, alongside straightforward advice on using editing software to get the best out of your digital shots, will have you producing unforgettable images in moments. More inspiring than a textbook, more interesting than a reference, and more in-depth than a photography class, Langford's Starting Photography is the only guide you need to start taking great images.

Shooting with any kind of flash whether a simple light on your camera, a remotely-triggered unit, or a complete studio setup completely changes the photographic experience. No longer do you simply need to be aware of light; now you need to know how to shape it to meet your needs. The Flash Photography Field Guide will show you exactly how to do this, whether you're shooting models in a studio, live sports events, or something as special as the wedding of a loved one. This book covers the details of setting up and using modern TTL flash systems, and the creative and technical choices you'll come across, from syncing the flash with the camera to modifying the quality of the light.

A Complete Guide to Small Flash Photography and the Creative Lighting System

A Manual of Underground and Flash Photography

Images Below

How to Shoot Great Photographs Using Electronic Flash and Other Artificial Light Sources

A Manual on Exposure in Photography

Outdoor Flash Photography

Mastering Nikon Speedlights is the most comprehensive guide available for anyone using or wanting to learn more about the Nikon Creative Lighting System (CLS). Starting with an exploration of how to work with light, the book teaches you everything you need to know about understanding the direction and intensity of

light, using light meters and metering modes, controlling exposure, and much more. You ' ll learn the specifics of how to use the full range of Nikon Speedlights and accessories, including past and current models of cameras and CLS compatible flashes—and in the process you ' ll find out how to get the best shots with your gear, whether you have a whole box of equipment or just the basics. The book includes practical, real-world photo shoots—portraits, action shots, and product photography—starting with one light and gradually working up to multiple lights so you can observe the progression of the light from one flash to many. No matter what your subject or shooting scenario, Mastering Nikon Speedlights is an essential resource that teaches you how to produce the light you need to achieve great results. Offers a thorough discussion of the qualities of light, how the camera measures light, and the settings needed to record an image with proper exposure Provides a complete overview of all the components that make up the Nikon Creative Lighting System, outlining how to use the different Speedlights and accessories to correspond with each camera ' s unique capabilities Covers how to use the Nikon Speedlights off the camera using the Advanced Wireless Lighting (AWL) features built into the Creative Lighting System Features several examples of real photo shoots, showing you how to take great photos in a variety of situations, building from one flash up to multiple flashes Discover how to get the very best from your photography with clear step-by-step guidance from expert photographer, Tom Ang. In this fully comprehensive photography companion, renowned photographer and teacher Tom Ang teaches you how to capture, enhance, and transform your photographs. The first half of the book explains all of the essential techniques that every photographer needs to learn - from how to handle your camera correctly and understand its features, to composing a successful shot. The second half develops your understanding of photography, guiding you through a range of projects that focus on different photographic genres and subjects, including landscapes, cityscapes, and live events. It explains how to digitally enhance your images, not only to improve the original shot, but also to apply creative techniques that will take your image to a new level. This section also gives advice on the best way to share your work, to choosing the most suitable equipment, and should you wish, how to develop a career in photography. Canon Speedlites and Nikon Speedlights are small, off-camera flashguns that can provide big results - if you know how to use them properly. Acclaimed Boston photographers Lou Jones, Bob Keenan and Steve Ostrowski guide you through the technical and creative aspects of how to get the most out of these powerful tools in this indispensable guide, packed full of inspirational images and comprehensive diagrams of the lighting set ups used to capture them. They are significantly more advanced, lighter and considerably cheaper than a standard flashgun, and have many advantages. They are small (and cheap) enough that a number can be carried in your kit, and they can be used in combination, triggered wirelessly. They use through-the-lens (TTL) metering, which allows you to use the in-camera LCD and histograms to calculate the required power/direction, rather than havng to use a light meter or trial and error. They use proprietary, dedicated technology (from Canon and Nikon) that means there are no compatability issues. Getting the most out of them, however, remains a mystery - most photographers still just use their speedlights in the same way as a standard flash gun. This is where this book comes in.

Creative Flash Photography at the Speed of Light

Flash for Better Photography ...

This Is Strobist Info

Great Photography with Just One Light

7th Edition of the Best-Selling Photography Manual

Basic Photography

Presents tips and techniques on creating professional lighting effects using the Canon Speedlite system.

Mastering Digital Flash Photography The Complete Reference Guide Sterling Publishing Company

In 2009, photographer Dustin Diaz began a "365 project," the goal of which is to shoot and share one picture per day for a year. Not only did Diaz actually complete the project—an achievement in and of itself—he consistently shared both the final image and the behind-the-scenes setup shot for that image, allowing the viewer to see how the shot was arranged. He also included information about exposure, flash power, distance, and light modifiers. The project was a huge hit that attracted thousands of followers. This Is Strobist® Info recreates and expands upon this approach by featuring an image alongside a setup shot that helpfully explains how that image was created. By showing the finished pictures as well as the setup shots for 50 of Diaz's images, you'll gain tons of knowledge about the basics—and beyond—of flash photography, including everything from simple one-light shots to images created with five lights and numerous gels, clamps, umbrellas, softboxes, and grids. Additionally, This Is Strobist® Info includes two chapters that guide you through the basics of starting your own lighting kit and explain the important but often-misunderstood inverse square law.

Creative Flash Photography

Flash Photography

Shaping the light to suit your photographs

Langford's Starting Photography

Mastering Digital Flash Photography

On-Camera Flash

Providing readers with a study of learning how to turn poorly lit images into finely crafted, masterfully lit photographs, this guidebook instills photographers with the self-confidence to think on their feet and photograph any portrait subject anywhere. Acclaimed photographer Neil van Niekirk presents seven distinctly different lighting scenarios—available light, exposure metering, a touch of flash, bounced on-camera flash, off-camera flash, video light, and hard sunlight—to show readers how to manipulate the direction and quality of light, the subject's and photographer's position, and numerous other variables so as to turn a bad image into a stunning, professional-level portrait. Packed with dozens of instructional, full-color

photos, this work also features 10 sample photo sessions, allowing readers the opportunity to see the seven lighting scenarios put to practice.

In this updated, second edition of the authoritative, bestselling *Mastering Canon EOS Flash Photography*, photographer NK Guy brings the book fully up to date, with coverage of all the newest Canon gear that has hit the market since the first edition published in 2010. This includes coverage of the radio-enabled Canon Speedlite 600EX-RT and Canon Speedlite Transmitter ST-E3-RT, as well as the other Speedlites that have released since the first edition's publication: Canon Speedlite 90EX, 270EX II, 320EX, and 600EX. And this is the first book to cover Canon's new, affordable master unit—the Speedlite 430EX III-RT flash! Digital cameras and flash technology have truly revolutionized photography in the 21st century. Originally seen simply as a practical way to illuminate dark scenes with portable light, flash today is used for a host of creative and nuanced applications, including supplementing daylight, designing complex scenes lit by multiple light sources, and simply creating beautiful, controllable light for portraiture. With LCD screens on DSLRs, the ability to get instant feedback on lighting setups is a great help in advancing one's lighting capabilities and encouraging experimentation. However, flash photography can still be a difficult artistic and technical challenge. It's simple to get that harsh deer-in-the-headlights look from built-in automatic flash, but it is a far cry from beautiful light. Creating natural-looking images is not nearly as straightforward. Mastering the properties of light and the ability to manipulate, craft, and direct it is a lifelong endeavor. Those diving into Speedlights need some help. Manuals are terse and the terminology is confusing—this is where *Mastering Canon EOS Flash Photography* comes in. This is the complete book on the subject, guiding you through Canon's Speedlite system, from off-camera portable flash to professional studio lighting. It covers the fundamentals of flash metering technology, discusses key lighting concepts, and documents a wide range of Canon and third-party equipment. Universal flash accessories, studio gear, and radio triggers are all thoroughly covered. The book is lavishly illustrated with diagrams that demonstrate important functions and lighting arrangements, and inspiring photos that show sophisticated flash techniques. Though tailored for users of Canon EOS cameras, owners of other camera systems will find much valuable information as well. So, whether you're just getting started with flash, or you've picked up the bug for off-camera lighting from such popular websites as Strobist.com, or you're making the leap into advanced studio work, *Mastering Canon EOS Flash Photography* is your in-depth resource. Includes a foreword by David Hobby, noted photojournalist and founder of Strobist.com.

This guide opens with in-camera flash basics, then moves to topics such as exposure flash readings, detachable units, flash guide numbers, bounce flash, and fill flash, then covers advanced methods for using off-camera flash, flash brackets, power packs, remote triggering, and other techniques.

The Complete Reference Guide

Reflex and Compact Camera

Beginner's Guide to Flash Photography

Direction & Quality of Light

David Busch's Guide to Canon Flash Photography

Great Lighting with Small Flashes: 40 Flash Workshops

Photographer and author, Ed Verosky, covers a variety of topics and techniques designed to help photographers consistently create high-quality images with minimal gear. Included are plenty of shooting strategies, diagrammed techniques, and examples which will make getting great photos much easier and more enjoyable. *100% Reliable Flash Photography* provides pro and semi-pro photographers with a fast, no-nonsense guide for getting amazing light in any situation. Gain the skill and confidence you need to create great images with the most basic and available lighting sources. The strategies detailed in the book are designed to completely eliminate the stress of not being sure of what to do in a new or fast-moving environment. That makes it a perfect read for wedding, event, editorial, and portrait photographers. *100% Reliable Flash Photography* centers on a strategy of standardization. The first part of the book covers relevant lighting and gear knowledge mostly focusing on how to do some really good work with a simple on-camera flash, or even basic household lighting. There are also off-camera flash techniques including detailed instructions for a basic two-light manual setup that serves as Verosky's typical gear for editorial work. This leads into the core chapter, Standardization, which is about making your gear easier to use and eventually master. The book continues with techniques, examples and diagrams for indoor and outdoor lighting, then several "backstories" quickly detailing shoots with several of the portrait subjects featured in the book.

Debunking the common misconception that a flash is only necessary in low-light situations, this DVD guide provides professional instruction on how to properly direct and shape light in order to marshal mood, shape, texture, and color to make photographs more dynamic and visually interesting. Beginning with an introduction to the basic characteristics of light—the quality and diffusion of light, the direction of the light, and the color of the light—it goes on to discuss aperture, shutter speed, and ISO and their relation to Nikon flash systems. After teaching how to master these fundamentals, the DVD discusses how to use Nikon flashes, how to modify the light from flashes, and what subject matter looks good in different lighting situations.

Quality photographs of evidence can communicate details about crime scenes that otherwise may go unnoticed, making skilled forensic photographers invaluable assets to modern police departments. For those seeking a current and concise guide to the skills necessary in forensic photography, *Police Photography, Seventh Edition*, provides both introductory and more advanced information about the techniques of police documentation. Completely updated to include information about the latest equipment and techniques recommended for high-quality digital forensic photography, this new edition thoroughly describes the techniques necessary for documenting a range of crime scenes and types of evidence, including homicides, arson, and vehicle incidents. With additional coverage of topics beyond crime scenes, such as surveillance and identification photography, *Police Photography, Seventh Edition* is an important resource for students and professionals alike. Completely updated to reflect the rise of digital police photography Four-color photographs and illustrations added throughout to illustrate concepts Defines the steps for producing high-quality photographs of a range of crime scenes and types of evidence Explores specialized topics, including ultraviolet imaging, laser enhanced evidence, and surveillance photography Access to instructor ancillaries, including Test Banks, Instructor's Guides,

and PowerPoint Lecture Slides for every chapter

Electronic Flash Photography

Techniques for Digital Wedding and Portrait Photography

Police Photography

American National Standard for Photography

One Flash!

Photography - Determination of Flash Guide Numbers for Electronic Flash Equipment

Photographic equipment, Photographic lighting equipment, Flash equipment, Luminous intensity, Flash guide numbers, Formulae (mathematics), Optical measurement, Reflection factor, Photo-flash lamps, Electronic flash equipment

How To Get Amazing Light In Any Situation

Understanding Flash Photography

Canon Speedlite System Digital Field Guide

The Flash Photography Field Guide

Mastering Flash Photography

Photography. Determination of Flash Guide Numbers for Electronic Flash Equipment