

Understanding Flash Guide Numbers

David Busch's Sony Alpha a7 IV Guide to Digital Photography is the most comprehensive resource and reference for Sony ' s long-awaited 33-megapixel full frame mirrorless camera. Capable of 10 frame-per-second bursts even at full resolution, the a7 IV is fast enough for action photography, and its enhanced dynamic range delivers the image quality that the most demanding landscape or fine-art photographer requires. This camera ' s remarkable low-light performance, fast sensor-based phase detect autofocus (with real-time face and eye tracking in both still and movie modes), and improved 5-axis in-body image stabilization, the a7 IV has all the tools needed to take incredible images. This book will show you how to master those features as you explore the world of digital photography and hone your creativity with your a7 IV. Filled with detailed how-to steps and full-color illustrations, David Busch's Sony Alpha a7 IV Guide to Digital Photography covers every feature of this camera in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more, and relates each feature to specific photographic techniques and situations. Also included is the handy camera "roadmap" chapter, an easy-to-use visual guide to the camera's features and controls. Learn when to use every option and, more importantly, when not to use them, by following the author ' s recommended settings for each menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera ' s capabilities, whether you're shooting on the job, as an advanced enthusiast exploring full frame photography for the first time, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Sony a7 IV.

Everything you need to know about your new N1 camera! Portable and full color, this guide is packed with everything you want and need to know in order to take amazing photos using your new Nikon Camera N1. Veteran author J. Dennis Thomas walks you through the essential controls, features, and functions of the N1 using step-by-step instructions and providing full-color images of each menu screen. You'll learn how to adjust white balance, autofocus, and exposure as well as choose lens and adjust settings. The handy trim size allows this guide to go where you go, allowing you easy access to information quickly so you can get the exact shot you want when you want it. Helps you make the most of your Camera N1 and get the shots you want Features valuable insight from a successful professional photographer for capturing unique and memorable portrait, candid, action, travel, sports, and other shots Provides step-by-step explanations on techniques and tips, all aimed at getting you comfortable and confident with your camera Go beyond the basic manual and the standard settings and see what your Camera N1 can do with Camera N1 Digital Field Guide! Good lighting is fundamental to creating great images. This new book provides a roadmap for producing creative images with a flashgun. It introduces lighting principles and then advises on more complex lighting sets and situations. Techniques to create professional effects such as film noir and Hollywood lighting, high-speed synching and handling reflective surfaces are covered. Practical instruction and advice throughout apply the principles, and explain how photographs are taken and stunning results achieved. Includes a guide to the main characteristics of light - intensity, direction, quality and colour - with advice on modern flashguns and their features, and has practical examples, from portraiture to product photography. Illustrated with 276 colour photographs.

On-Camera Flash

The Manual of Photography and Digital Imaging

Determination of Flash Guide Numbers

David Busch ' s Sony Alpha a6600/ILCE-6600 Guide to Digital Photography

Nikon D3300 Digital Field Guide

Presenting the thoroughly revised, fully illustrated edition of The Nikon Compendium, updated by the technical editor of Nikon Owner magazine to include all the new Nikon cameras, lenses, and accessories. This is what Nikon enthusiasts have eagerly awaited: the most complete Nikon reference book ever. At almost double the length of the original, the guide describes virtually every Nikon camera ever produced, right up to the wide variety of popular digital models. It aids identification, offers user-friendly tips, explains what system fits with which camera, and discusses what limitations occur when equipment from one generation is married to items from another. Professional and amateur photographers, as well as enthusiasts, collectors, and retailers will want this on their bookshelves.

Flash is a necessary and immensely creative tool that dramatically increases the opportunities of any amateur photographer. However, many amateurs find flash intimidating, unsure of where to begin. Instead, they continue limiting themselves to shooting only available light. Understanding Flash Photography is a guide to off-camera flash, helping free photographers from "auto" to get the images they want when natural light isn't enough. If you've been afraid to venture past natural light, here is the book that will finally help you explore the exciting possibilities of artificial light. Author Bryan Peterson starts by breaking down how flash works, then dispels the widely held myth that automatic "TTL" flash exposure is easier, explaining how to quickly master manual flash exposure to control the quality, shape, and direction of light. For the hundreds of thousands who found Understanding Exposure an exciting tool in moving past "auto" exposure in available light, Understanding Flash Photography is the essential companion to mastering the often challenging exposure puzzle.

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

Nikon AF Speedlight Flash System

The Basic Book of Photography

Photography - Determination of Flash Guide Numbers for Electronic Flash Equipment

Master the Creative Lighting System

Langford's Starting Photography

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.

Understanding Flash PhotographyHow to Shoot Great Photographs Using Electronic FlashAmphoto Books

Packed with diagrams, instructions, and tips, Magic Lantern has become the world's most popular brand of camera guide. Sturdy and well-produced, with laminated covers for long life and sized for portability, they have a tradition of helping photographers make the most of their equipment. This newest entry is dedicated to the just-released Canon EOS 30D. Canon has added or improved the following features, all of which receive in-depth coverage in the superb Magic Lantern

Style: a new and larger 2.52, 230K pixel, 170◆ wide viewing angle LCD screen; an 8.2 megapixel APS-C size CMOS sensor; and picture style image processing parameters.

Canon EOS 40D Digital Field Guide

Nikon N75/F75

The Complete Reference Guide

Its Art and Fieldcraft Techniques ...

Flash for Better Photography ...

A comprehensive guide to photography covers cameras, lenses, and other equipment, composing photographs, processing film, and experimenting with digital cameras. 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 com 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 meter a light meter or trial and error. They use proprietary, dedicated technology (from Canon and Nikon) that means there are no compatibility 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.

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, 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.

The Guide to Creating Great Images

Canon EOS 50D Digital Field Guide

Speedlights & Speedlites

Digital Photography: Essential Skills

includes bibliographical references and index.

The tenth edition of **The Manual of Photography** is an indispensable textbook for anyone who is serious about photography. It is ideal if you want to gain insight into the underlying scientific principles of photography and digital imaging, whether you are a professional photographer, lab technician, researcher or student in the field, or simply an amateur. This comprehensive guide takes you from capture to post-production in both analogue and film mediums, with chapters on lenses, darkroom and printing techniques, digital cameras and editing techniques and processes. This tenth edition was first published in 1890 and has aided many thousands of photographers in developing their own techniques and understanding of the medium. Now in full colour, The Manual of Photography still retains its clear, reader-friendly style and is filled with images and illustrations demonstrating the key principles. Not only giving you the skills and know-how to take stunning photographs, but will also allowing you to fully understand the science behind the creation of great images.

Nikon manufactures some of the most sophisticated accessory flash equipment found in today's marketplace, and the Magic Lantern Guide shows photographers exactly how to master the complex equipment and operating modes of the company's AF Speedlight Flash System. That's why it's destined to be the most often used reference on photographic flash technique. From advice on Multi-sensor balanced fill flash, bounce flash, rear-curtain sync to high-speed sync, or multiple flash set-ups, this manual explains everything. It comes complete with a course on the basics of flash handling, specialized flash technique, and a model-by-model review of using current flash gear with Nikon cameras.

Norm ISO 1230

Basic Photographic Materials and Processes

Cameras, Lenses & Accessories Since 1917

Understanding Flash Photography

Electronic Flash Photography

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.

This classic, essential guide to the science of photography has been fully updated throughout with all-new material on digital photography.

David Busch's Sony Alpha a6600/ILCE-6600 Guide to Digital Photography is the most comprehensive reference and guide book available for Sony's flagship APS-C mirrorless camera. This enthusiast digital camera has a more powerful processor and upgraded autofocus with enhanced real-time tracking and advanced Eye AF. Built-in 5-axis image stabilization allows sharp images hand-held even with slower shutter speeds. The a6600's new LCD swivels to face forward, making the camera excellent for self-portraits, vlogging, and other applications. The a6600 features a 24 megapixel sensor with 425 embedded phase-detect pixels for lightning-fast autofocus at up to 11 frames per second, and a more powerful battery to extend shooting life. With an electronic shutter that provides a silent shooting option, stunning 4K/UHD video capabilities, and new time-lapse photography features, the a6600/ILCE-6600 is a versatile digital camera that's simple to use, yet boasts features demanded by the most avid photo buff. With this book in hand, you will discover all the capabilities of the Sony Alpha a6600/ILCE-6600 as you explore the world of digital photography, develop your creativity, and capture the best photographs you've ever taken.

Filled with detailed how-to steps and full-color illustrations, David Busch's Sony Alpha a6600/ILCE-6600 Guide to Digital Photography describes every feature of this sophisticated camera in depth, from taking your first photos through advanced details of setup, exposure, lens selection, lighting, and more. It relates each feature to specific photographic techniques and situations. Also included is the handy camera "roadmap," an easy-to-use visual guide to the a6600/ILCE-6600's features and controls. Learn when to use every option and, more importantly, when not to use them, by following the author's recommended settings for every menu entry. With best-selling photographer and mentor David Busch as your guide, you'll quickly have full creative mastery of your camera's capabilities, whether you're shooting on the job, taking pictures as an advanced enthusiast pushing the limits of your imagination, or are just out for fun. Start building your knowledge and confidence, while bringing your vision to light with the Sony Alpha a6600/ILCE-6600.

International Users Guide Nikon SB-24 Flash System

A Complete Guide to the Best Equipment and Creative Techniques

Canon Speedlite System Digital Field Guide

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

Canon EOS 30d

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. 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 N75 (also called the F75 in Canada and elsewhere) is Nikon ' s new, powerful, compact single-lens reflex (SLR) camera; and if you want to learn how to make the most of its capabilities, this well-illustrated Magic Lantern Guide provides all the necessary facts and fundamentals. Find out how to take advantage of features such as the 25-segment 3D Matrix Metering System, subject specific Vari-Program modes, and 5-area autofocus. The helpful advice also covers choosing and using accessory lenses and Nikon ' s innovative Multi-Sensor flash system. From the button functions to the exposure basics, every facet of the camera comes into clear focus.

Professional Techniques for Digital Photographers

How to Shoot Great Photographs Using Electronic Flash

Beginner's Guide to Flash Photography

Mastering Digital Flash Photography

Outdoor Flash Photography

By emphasizing basic principles of good lighting and how to apply them, this informative guide shows advanced amateur photographers and professionals how to improve their photographic skills. After explaining different types of light, flash basics, and the benefits of on- and off-camera lighting techniques, it discusses how to use this information to increase the "gasp factor"—that powerful, emotional response that compels the viewer

to take a second look at a photograph. Also included are assignments meant to help solidify this new flash knowledge for the photographer in order to put it into practice. As a bonus, the book contains inspirational stories demonstrating real-world applications of the techniques from a photojournalist with decades of experience.

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

First Published in 2004. Routledge is an imprint of Taylor & Francis, an informa company.

Mastering Flash Photography

Master's Guide to Off-Camera Flash

David Busch's Sony Alpha a7 IV Guide to Digital Photography

Creative Flash Photography at the Speed of Light

Techniques for Digital Wedding and Portrait Photography

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 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, 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 a better sales.

Looking to take your photography to the next level? Need guidance on the basics, from choosing cameras to perfecting capture, managing files, editing images and developing a creative, critical eye? Packed with quality images to inspire and enthuse, Digital Photography: Essential Skills takes a refreshingly practical, focused approach to cover exactly what you need to know develop a creative, competent style and a seamless photography workflow. As a working photographer and teaching lecturer, Mark Galer is the perfect guide to take you through the skills and knowledge needed to take fantastic images. Now updated to cover file management and editing in Lightroom Adobe's popular workflow software, for a stream-lined process from capture to output.

An introduction to the Canon EOS 40D camera examines the purpose and function of the camera's basic controls and how to use them, accompanied by explanations of custom functions, selecting and using lenses, accessories, working with light and exposure, and working with RAW capture. Original. (All Users) Field & Stream

Close-up and Macro Photography

The New Nikon Compendium

Photographic Lighting: Essential Skills

Flash Photography

Focusing on fieldcraft techniques for macro and close-up photography, Thompson covers the vital but often overlooked skills necessary to achieve consistent professional results in the field. Case studies covering a broad and often challenging group of subjects from the seashore to your back garden form the core of the lavishly illustrated book. Biology, life history, subject behaviour and ethics along with best practice approaches are discussed in detail and underpinned with photographic tips. The book is divided into four sections—Digital Fundamentals, Fieldcraft & Methodology, Portfolio Case Studies, Digital Workflow & Presentation—covering the full photographic process from capture through to editing, captioning, development and storage are discussed. Moving beyond the surface-level approach to macro instruction, this book provides readers with techniques that work in the field. Illustrated with over 250 of the author's own inspiring images, this publication is a must for photographers, naturalists and anyone interested in improving their macro skills in the field.

Charlotte Lowrie's indispensable guide to taking the best possible pictures with the Canon EOS 50D! Go well beyond the basics with this essential guide to getting great shots with the Canon EOS 50D camera. Professional photographer and bestselling author Charlotte Lowrie packs this portable guide with over 290 pages of beautiful full-color photos, proven techniques, and no-fail formulas for tapping all the features this exciting new high-resolution DSLR camera offers. Get to know your Canon EOS 50D, learn all the tricks, and then take this handy portable guide with you in the field for quick and easy reference. Master your Canon EOS 50D camera with expert guidance from Seattle-area professional photographer and popular author, Charlotte Lowrie Find pages of step-by-step techniques and professional tips that will help you understand all the functions, menus, and dials on your camera Explore topics that many competitive digital SLR books just touch on, including step-by-step instruction on exposure and composition Learn professional composition and lighting tricks Examine full-color examples of breathtaking ways to capture stills, portraits, and action shots Canon EOS 50D Digital Field Guide is the latest in the bestselling Digital Field Guide series that has taught thousands of photographers and beginners how to get the most out of their digital cameras.

FIELD & STREAM, America's largest outdoor sports magazine, celebrates the outdoor experience with great stories, compelling photography, and sound advice while honoring the traditions hunters and fishermen have passed down for generations.

Art and Techniques

American National Standard for Photography

Mastering Canon EOS Flash Photography, 2nd Edition