

Contents at a Glance

<i>Introduction</i>	1
<i>Part I: Fast Track to Super Snaps</i>	7
Chapter 1: Getting the Lay of the Land.....	9
Chapter 2: Taking Great Pictures, Automatically	37
Chapter 3: Controlling Picture Quality	55
Chapter 4: Monitor Matters: Picture Playback and Live View Shooting	73
<i>Part II: Taking Creative Control</i>	107
Chapter 5: Getting Creative with Exposure and Lighting	109
Chapter 6: Manipulating Focus and Color.....	157
Chapter 7: Putting It All Together.....	201
<i>Part III: Working with Picture Files</i>	223
Chapter 8: Downloading, Organizing, and Archiving Your Photos	225
Chapter 9: Printing and Sharing Your Photos	255
<i>Part IV: The Part of Tens</i>	279
Chapter 10: Ten Fast Photo-Editing Tricks	281
Chapter 11: Ten Special-Purpose Features to Explore on a Rainy Day.....	311
<i>Index</i>	327

Table of Contents

Introduction 1

Introduction 1

A Quick Look at What's Ahead	1
Part I: Fast Track to Super Snaps	2
Part II: Taking Creative Control.....	2
Part III: Working with Picture Files	3
Part IV: The Part of Tens.....	3
Icons and Other Stuff to Note	3
About the Software Shown in This Book.....	5
Practice, Be Patient, and Have Fun!	5

Part 1: Fast Track to Super Snaps 7

Chapter 1: Getting the Lay of the Land 9

Getting Comfortable with Your Lens	10
Attaching a lens	10
Removing a lens.....	13
Using an IS (image stabilizer) lens	13
Focusing and zooming the lens	14
Adjusting the Viewfinder Focus	15
Working with Memory Cards	17
Exploring External Camera Controls	18
Topside controls.....	19
Back-of-the-body controls	20
Front-left buttons.....	24
Ordering from Camera Menus	25
Monitoring Critical Camera Settings.....	27
Decoding Viewfinder Data.....	29
Reviewing Basic Setup Options	30
Setup Menu 1	31
Setup Menu 2	32
Setup Menu 3	34
Three more customization options.....	35

Chapter 2: Taking Great Pictures, Automatically 37

Getting Good Point-and-Shoot Results	38
Using Flash in Automatic Exposure Modes	43
Exploring Your Automatic Options.....	44
Full Auto mode.....	45
Automatic scene modes (a.k.a. Image Zone modes)	46
Changing the Drive Mode.....	53

Chapter 3: Controlling Picture Quality	55
Diagnosing Quality Problems	56
Decoding the Quality Options	58
Considering Resolution: Large, Medium, or Small?	60
Pixels and print quality.....	62
Pixels and screen display size	62
Pixels and file size	64
Resolution recommendations	64
Understanding File Type (JPEG or Raw)	66
JPEG: The imaging (and Web) standard	67
Raw (CR2): The purist's choice	69
My take: Choose Fine or Raw.....	71
Chapter 4: Monitor Matters: Picture Playback and Live View Shooting	73
Disabling and Adjusting Instant Review.....	74
Viewing Images in Playback Mode	75
Jumping through images	76
Viewing multiple images at a time.....	77
Rotating vertical pictures.....	78
Zooming in for a closer view.....	80
Viewing Picture Data.....	82
Basic information modes.....	82
Shooting Information display	84
Understanding Histogram display mode.....	88
Deleting Photos	91
Erasing single images.....	91
Erasing all images on your memory card.....	92
Erasing selected images	93
Protecting Photos	95
Using Your Monitor as a Viewfinder	96
Enabling Live View	99
Taking a shot in Live View mode	100
Customizing the Live View display	103

Part II: Taking Creative Control..... **107**

Chapter 5: Getting Creative with Exposure and Lighting	109
Kicking Your Camera into Advanced Gear.....	110
Introducing the Exposure Trio: Aperture, Shutter Speed, and ISO.....	111
Understanding exposure-setting side effects	113
Doing the exposure balancing act.....	118
Monitoring Exposure Settings	120
Choosing an Exposure Metering Mode	124

Setting ISO, f-stop, and Shutter Speed	127
Controlling ISO	127
Adjusting aperture and shutter speed	129
Overriding Autoexposure Results with Exposure Compensation	133
Holding on to Highlights	136
Disabling Auto Lighting Optimization	139
Locking Autoexposure Settings	140
Bracketing Exposures Automatically	142
Using Flash in Advanced Exposure Modes	145
Understanding your camera's approach to flash	145
Adjusting flash power with flash exposure compensation	149
Locking the flash exposure	151
Exploring more flash options	152
Using an external flash unit	154

Chapter 6: Manipulating Focus and Color157

Reviewing Focus Basics	158
Adjusting Autofocus Performance	160
Selecting an autofocus point	160
Changing the AF (autofocus) mode	163
Autofocusing in Live View Mode	164
Enabling Live View autofocus	165
Live View autofocus option 1: Quick mode	166
Live View autofocus option 2: Live mode	168
Manipulating Depth of Field	169
Using A-DEP mode	176
Checking depth of field	177
Controlling Color	178
Correcting colors with white balance	178
Changing the white balance setting	180
Creating a custom white balance setting	182
Fine-tuning white balance settings	184
Bracketing shots with white balance	187
Choosing a Color Space: sRGB vs. Adobe RGB	190
Exploring Picture Styles	191
Assessing the Picture Styles	192
Setting the Picture Style	194
Customizing Picture Styles	197
Creating your own Picture Style	199

Chapter 7: Putting It All Together201

Recapping Basic Picture Settings	202
Setting Up for Specific Scenes	205
Shooting still portraits	205
Capturing action	210
Capturing scenic vistas	214
Capturing dynamic close-ups	217
Coping with Special Situations	219

Part III: Working with Picture Files223**Chapter 8: Downloading, Organizing, and Archiving Your Photos . . . 225**

Sending Pictures to the Computer	226
Connecting camera and computer	227
Starting the transfer process	229
Downloading images with Canon tools	231
Using MemoryCard Utility for card-to-computer transfers.....	236
Using ZoomBrowser EX/ImageBrowser	239
Getting acquainted with the program.....	239
Viewing photos in full-screen mode.....	242
Organizing your photos	245
Exploring Other Software Options	246
Processing Raw (CR2) Files	250

Chapter 9: Printing and Sharing Your Photos255

Avoiding Printing Problems	256
Check the pixel count before you print.....	256
Allow for different print proportions.....	257
Get print and monitor colors in sync	259
Printing Online or In-Store	262
Printing from ZoomBrowser EX/ImageBrowser	263
Preparing Pictures for E-Mail.....	268
Creating Web-friendly copies of Raw and TIFF photos.....	270
E-mailing photos from the browser.....	273
Creating an In-Camera Slide Show	277
Viewing Your Photos on a Television	277

Part IV: The Part of Tens279**Chapter 10: Ten Fast Photo-Editing Tricks281**

Removing Red-Eye	282
Cropping Your Photo	287
Adjusting Color Saturation	291
Tweaking Color Balance	295
Adjusting Exposure.....	297
Three-point exposure control with the Level Adjustment filter....	298
Gaining more control with the Tone Curve Adjustment filter	301
Sharpening Focus (Sort Of)	304
Shifting to AutoPilot.....	307
Adding Text	308
Saving Your Edited Files	310

Chapter 11: Ten Special-Purpose Features to Explore on a Rainy Day	311
Changing the Function of the Set Button	312
Customizing Exposure and Focus Lock Options	314
Disabling the AF-Assist Beam	316
Enabling Mirror Lockup	317
Adding Cleaning Instructions to Images	318
Turning Off the Camera Settings Screen	321
Creating Desktop Wallpaper	322
Adding Original Decision Data	323
Creating Your Very Own Camera Menu	324
Getting Free Help and Creative Ideas	326
 <i>Index</i>	 <i>327</i>

