

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	39
Chapter 3: Controlling Picture Quality	65
Chapter 4: Monitor Matters: Picture Playback, Live View, and Movie Mode	85
<i>Part II: Taking Creative Control</i>	129
Chapter 5: Getting Creative with Exposure and Lighting	131
Chapter 6: Manipulating Focus and Color	185
Chapter 7: Putting It All Together	225
<i>Part III: Working with Picture Files</i>	245
Chapter 8: Downloading, Organizing, and Archiving Your Photos	247
Chapter 9: Printing and Sharing Your Photos	273
<i>Part IV: The Part of Tens</i>	299
Chapter 10: Ten Fast Photo-Editing Tricks	301
Chapter 11: Ten Special-Purpose Features to Explore on a Rainy Day	327
<i>Index</i>	343

Table of Contents

<i>Introduction</i>	1
A Quick Look at What's Ahead	2
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	4
About the Software Shown in This Book	5
Practice, Be Patient, and Have Fun!	5
<i>Part I: Fast Track to Super Snaps</i>	7
Chapter 1: Getting the Lay of the Land	9
Getting Comfortable with Your Lens	10
Attaching a lens	10
Removing a lens	12
Using an IS (image stabilizer) lens	13
Shifting from autofocus to manual focus	14
Zooming in and out	15
Adjusting the Viewfinder Focus	15
Working with Memory Cards	17
Exploring External Camera Controls	18
Topside controls	18
Back-of-the-body controls	20
Front-left buttons	24
Viewing and Adjusting Camera Settings	24
Ordering from menus	25
Using the Shooting Settings display	27
Taking advantage of the Quick Control screen	28
Decoding viewfinder data	30
Checking the Camera Settings display	31
Reviewing Basic Setup Options	33
Setup Menu 1	33
Setup Menu 2	35
Setup Menu 3	37
Three more customization options	37



Chapter 2: Taking Great Pictures, Automatically	39
Getting Good Point-and-Shoot Results.....	40
Exploring Basic Flash Options	45
Using Red-Eye Reduction Flash	46
Shooting in the Fully Automatic Modes.....	47
Full Auto mode	48
Automatic scene modes (a.k.a. Image Zone modes).....	49
Gaining More Control with Creative Auto	56
Changing the Drive Mode	61
Chapter 3: Controlling Picture Quality	65
Diagnosing Quality Problems.....	66
Decoding the Quality Options.....	68
Considering Resolution: Large, Medium, or Small?.....	70
Pixels and print quality	71
Pixels and screen display size.....	72
Pixels and file size.....	73
Resolution recommendations	75
Understanding File Type (JPEG or Raw)	76
JPEG: The imaging (and Web) standard	76
Raw (CR2): The purist's choice.....	79
My take: Choose Fine or Raw	82
Chapter 4: Monitor Matters: Picture Playback, Live View, and Movie Mode	85
Disabling and Adjusting Instant Review	86
Viewing Images in Playback Mode	86
Viewing multiple images at a time	87
Jumping through images.....	88
Rotating vertical pictures	90
Zooming in for a closer view	92
Viewing Picture Data	93
Basic information display modes	94
Shooting Information display	95
Understanding Histogram display mode	99
Deleting Photos.....	101
Erasing single images	102
Erasing all images on your memory card	102
Erasing selected images.....	103
Protecting Photos.....	105
Using Your Monitor as a Viewfinder	107
Enabling Live View.....	110
Taking a shot in Live View mode	111
Customizing Live View shooting data	114
Using the Quick Control screen in Live View mode	116
Displaying an alignment grid.....	117

Recording Movies	117
Changing the information display	120
Setting basic recording options	122
Shooting your first movie	124
Playing movies	127

Part II: Taking Creative Control..... 129

Chapter 5: Getting Creative with Exposure and Lighting131

Kicking Your Camera into Advanced Gear	132
Introducing the Exposure Trio: Aperture, Shutter Speed, and ISO.....	133
Understanding exposure-setting side effects	136
Doing the exposure balancing act	141
Monitoring Exposure Settings.....	142
Choosing an Exposure Metering Mode.....	144
Setting ISO, f-stop, and Shutter Speed	148
Controlling ISO	148
Adjusting aperture and shutter speed	152
Sorting through Your Camera's Exposure-Correction Tools.....	155
Overriding autoexposure results with Exposure Compensation.....	155
Improving high-contrast shots with Highlight Tone Priority.....	158
Experimenting with Auto Lighting Optimization	161
Correcting lens vignetting with Peripheral Illumination Correction	163
Locking Autoexposure Settings	166
Bracketing Exposures Automatically	168
Using Flash in Advanced Exposure Modes	170
Understanding your camera's approach to flash	171
Adjusting flash power with Flash Exposure Compensation.....	176
Locking the flash exposure.....	179
Exploring more flash options	181
Using an external flash unit	183

Chapter 6: Manipulating Focus and Color185

Reviewing Focus Basics	185
Adjusting Autofocus Performance	188
Selecting an autofocus point	188
Changing the AF (autofocus) mode.....	190
Autofocusing in Live View and Movie Modes	192
Choosing the Live View or Movie mode autofocus method	193
Quick mode autofocus	195

Using Live mode autofocusing	198
Using Live mode autofocus with face detection	199
Manipulating Depth of Field	200
Using A-DEP mode	205
Checking depth of field	207
Controlling Color	207
Correcting colors with white balance	208
Changing the white balance setting	210
Creating a custom white balance setting	212
Fine-tuning white balance settings	214
Bracketing shots with white balance	216
Choosing a Color Space: sRGB vs. Adobe RGB	219
Taking a Quick Look at Picture Styles	221

Chapter 7: Putting It All Together 225

Recapping Basic Picture Settings	226
Setting Up for Specific Scenes	226
Shooting still portraits	227
Capturing action	232
Capturing scenic vistas	236
Capturing dynamic close-ups	239
Coping with Special Situations	241

Part III: Working with Picture Files 245

Chapter 8: Downloading, Organizing, and Archiving Your Photos 247

Sending Pictures to the Computer	248
Connecting camera and computer	249
Starting the transfer process	251
Downloading images with Canon tools	253
Using ZoomBrowser EX/ImageBrowser	260
Getting acquainted with the program	261
Viewing photos in full-screen mode	263
Organizing your photos	266
Processing Raw (CR2) Files	268

Chapter 9: Printing and Sharing Your Photos 273

Avoiding Printing Problems	274
Check the pixel count before you print	274
Allow for different print proportions	276
Get print and monitor colors in sync	278
Printing Online or In-Store	281

Printing from ZoomBrowser EX/ImageBrowser 282
 Preparing Pictures for E-Mail and Online Sharing 287
 Creating an In-Camera Slide Show 293
 Viewing Your Photos on a Television 296

Part IV: The Part of Tens..... 299

Chapter 10: Ten Fast Photo-Editing Tricks..... 301

Removing Red-Eye 302
 Cropping Your Photo 306
 Adjusting Color Saturation 309
 Tweaking Color Balance 312
 Adjusting Exposure 314
 Three-point exposure control with the Level Adjustment
 filter 314
 Gaining more control with the Tone Curve Adjustment
 filter 317
 Sharpening Focus (Sort Of) 320
 Shifting to AutoPilot 323
 Adding Text 324
 Saving Your Edited Files 326

**Chapter 11: Ten Special-Purpose Features to Explore
 on a Rainy Day 327**

Changing the Function of the Set Button..... 327
 Customizing Exposure and Focus Lock Options 330
 Disabling the AF-Assist Beam..... 332
 Enabling Mirror Lockup..... 333
 Adding Cleaning Instructions to Images 334
 Turning Off the Shooting Settings Screen 337
 Adding Original Decision Data..... 338
 Creating Your Very Own Camera Menu..... 338
 Tagging Files with Your Copyright Claim..... 341
 Getting Free Help and Creative Ideas..... 342

Index..... 343

