

# Contents

<b>Introduction</b>	<b>1</b>
---------------------	----------

## CHAPTER 1: PRELIMINARY SETUP 3

Charging and Inserting the Battery . . . . .	4
Inserting the Memory Card . . . . .	5
Introduction to Main Controls . . . . .	7
Top of Camera . . . . .	7
Back of Camera . . . . .	8
Front of Camera . . . . .	9
Right Side of Camera . . . . .	10
Left Side of Camera . . . . .	10
Bottom of Camera . . . . .	11
Setting the Date, Time, and Language . . . . .	11

## CHAPTER 2: BASIC OPERATIONS 13

Taking Pictures. . . . .	13
Fully Automatic: Intelligent Auto Mode . . . . .	13
Variations from Fully Automatic . . . . .	15
Focus . . . . .	15
Manual Focus . . . . .	16
Exposure . . . . .	18
Exposure Compensation . . . . .	18
Flash . . . . .	19
Motion Picture Recording. . . . .	20
Viewing Pictures. . . . .	21
Basic Playback. . . . .	21
Playing Movies . . . . .	23

## CHAPTER 3: THE RECORDING MODES 25

Choosing a Recording Mode . . . . .	25
Preliminary Steps Before Shooting Pictures . . . . .	26
Intelligent Auto Mode . . . . .	27
Program Mode . . . . .	32
Aperture Priority Mode . . . . .	34

Shutter Priority Mode . . . . .	36
Manual Exposure Mode . . . . .	38

## CHAPTER 4: THE RECORDING MENU AND THE QUICK MENU 41

The Recording Menu . . . . .	41
Photo Style . . . . .	43
Picture Size . . . . .	47
Extended Optical Zoom . . . . .	48
Quality . . . . .	50
AFS/AFF/AFC . . . . .	52
Metering Mode . . . . .	52
Burst Rate . . . . .	54
Auto Bracket . . . . .	54
Self-timer . . . . .	55
Highlight Shadow . . . . .	55
Intelligent Dynamic . . . . .	57
Intelligent Resolution . . . . .	57
Simultaneous Record w/o Filter . . . . .	58
iHandheld Night Shot . . . . .	58
iHDR . . . . .	59
HDR . . . . .	59
Multiple Exposure . . . . .	61
Time Lapse Shot . . . . .	63
Stop Motion Animation . . . . .	64
Panorama Direction . . . . .	65
Shutter Type . . . . .	66
Flash . . . . .	67
Firing Mode . . . . .	67
Flash Mode . . . . .	68
Flash Synchro . . . . .	70
Flash Adjustment . . . . .	71
Auto Exposure Compensation . . . . .	72
Manual Flash Adjustment . . . . .	72
Wireless . . . . .	72
Wireless Channel . . . . .	73
Communication Light . . . . .	73
Wireless Setup . . . . .	73
Red-eye Removal . . . . .	75
ISO (Sensitivity) . . . . .	76
ISO Limit Set . . . . .	77
ISO Increments . . . . .	78

Extended ISO . . . . .	78
Long Shutter Noise Reduction . . . . .	79
Intelligent Zoom . . . . .	79
Digital Zoom . . . . .	79
Color Space . . . . .	80
Stabilizer . . . . .	80
Face Recognition . . . . .	81
Profile Setup . . . . .	82
Quick Menu . . . . .	83

## CHAPTER 5: PHYSICAL CONTROLS 85

Aspect Ratio Switch . . . . .	85
Aperture Ring . . . . .	87
Control Ring . . . . .	87
Step Zoom . . . . .	88
Focus Switch . . . . .	88
Shutter Button . . . . .	89
Zoom Lever . . . . .	89
On/Off Switch . . . . .	90
Shutter Speed Dial . . . . .	90
Exposure Compensation Dial . . . . .	90
Intelligent Auto Button . . . . .	91
Filter Button . . . . .	91
Viewfinder and Eye Sensor . . . . .	103
Control Dial and its Buttons . . . . .	103
Control Dial . . . . .	104
Direction Buttons . . . . .	104
Up Button: ISO . . . . .	104
Right Button: White Balance . . . . .	105
Left Button: Autofocus Mode/MF Assist . . . . .	110
Use of Left Button in Autofocus Mode . . . . .	111
Face/Eye Detection . . . . .	111
AF Tracking . . . . .	112
49-Area . . . . .	112
Custom Multi . . . . .	113
1-Area . . . . .	115
Pinpoint . . . . .	116
Moving the Focus Frame or Focus Area . . . . .	117
Use of Left Button in Manual Focus Mode . . . . .	117
Down Button: Drive Mode . . . . .	117
Burst Shooting . . . . .	118

Auto Bracket . . . . .	121
Aspect Bracket . . . . .	122
Self-timer . . . . .	123
Panorama . . . . .	125
Center Button: Menu/Set . . . . .	127
Motion Picture Button . . . . .	127
AF/AE Lock Button . . . . .	128
Quick Menu Button . . . . .	128
Playback Button . . . . .	128
Display Button . . . . .	128
Function Buttons . . . . .	131
Fn1/Delete/Cancel Button . . . . .	131
Fn2/Wi-Fi Button . . . . .	133
Fn3 Button . . . . .	133
Assigning Functions to Function Buttons . . . . .	133
Preview . . . . .	134
Focus Area Set . . . . .	135
Cursor Button Lock . . . . .	136
AF Mode/MF . . . . .	136
Restore to Default . . . . .	136

## CHAPTER 6: PLAYBACK

137

Normal Playback . . . . .	137
Index View and Enlarging Images . . . . .	137
The Playback Menu . . . . .	138
Slide Show . . . . .	139
[Play] All . . . . .	139
[Play] Picture Only/Video Only . . . . .	140
Category Selection . . . . .	140
Favorite . . . . .	141
Playback Mode . . . . .	141
Normal Play . . . . .	141
Other Playback Modes . . . . .	141
Location Logging . . . . .	141
Raw Processing . . . . .	144
Title Edit . . . . .	147
Text Stamp . . . . .	148
Video Divide . . . . .	149
Time Lapse Video . . . . .	150
Stop Motion Video . . . . .	151
Resize . . . . .	151

Cropping . . . . .	152
Rotate . . . . .	152
Rotate Display. . . . .	153
Favorite . . . . .	153
Print Set . . . . .	154
Protect. . . . .	155
Face Recognition Edit. . . . .	155
Picture Sort . . . . .	155
Delete Confirmation . . . . .	156

## CHAPTER 7: THE CUSTOM MENU AND THE SETUP MENU 157

The Custom Menu . . . . .	157
Utilize Custom Set Feature/Custom Set Memory . . . . .	158
Silent Mode . . . . .	159
AF/AE Lock . . . . .	160
AF/AE Lock Hold . . . . .	160
Shutter AF. . . . .	161
Half Press Release. . . . .	161
Quick AF. . . . .	162
Eye Sensor AF. . . . .	162
Pinpoint AF Time . . . . .	163
Pinpoint AF Display. . . . .	163
AF Assist Lamp . . . . .	163
Direct Focus Area . . . . .	164
Focus/Release Priority . . . . .	164
AF + MF . . . . .	165
Manual Focus (MF) Assist and MF Assist Display . . . . .	165
MF Guide . . . . .	167
Peaking . . . . .	167
Histogram. . . . .	168
Guide Line. . . . .	170
Highlight . . . . .	171
Zebra Pattern . . . . .	171
Monochrome Live View . . . . .	172
Constant Preview. . . . .	172
Exposure Meter . . . . .	173
Dial Guide. . . . .	173
LVF Display Style . . . . .	174
Monitor Display Style. . . . .	174
Monitor Information Display . . . . .	174
Recording Area . . . . .	175

Remaining Display . . . . .	175
Auto Review. . . . .	176
Function Button Set . . . . .	177
Zoom Lever . . . . .	178
Control Ring. . . . .	179
Zoom Resume . . . . .	179
Quick Menu . . . . .	180
iA Button Switch . . . . .	181
Video Button . . . . .	181
Eye Sensor. . . . .	181
The Setup Menu . . . . .	182
Clock Set . . . . .	182
World Time . . . . .	183
Travel Date . . . . .	183
Wi-Fi. . . . .	184
Beep. . . . .	184
Live View Mode . . . . .	185
Monitor Display/Viewfinder . . . . .	185
Monitor Luminance. . . . .	185
Sleep Mode . . . . .	186
USB Mode. . . . .	186
TV Connection . . . . .	187
Menu Resume. . . . .	187
Menu Background . . . . .	187
Menu Information . . . . .	188
Language . . . . .	188
Version Display . . . . .	189
Self Timer Auto Off . . . . .	189
Number Reset. . . . .	189
Reset. . . . .	190
Reset Wi-Fi Settings. . . . .	190
Format. . . . .	190

## CHAPTER 8: MOTION PICTURES 191

Basics of LX100 Videography . . . . .	191
Quick Start for Motion Picture Recording . . . . .	192
General Settings for Motion Picture Recording . . . . .	192
Exposure . . . . .	193
Focus . . . . .	194
Other Settings . . . . .	194
The Motion Picture Menu . . . . .	194

Photo Style . . . . .	195
4K Photo . . . . .	195
Recording Format . . . . .	197
Recording Quality . . . . .	197
AFS/AFF/AFC . . . . .	199
Picture Mode . . . . .	199
Continuous AF . . . . .	200
Metering Mode . . . . .	200
Highlight Shadow . . . . .	200
Intelligent Dynamic . . . . .	200
Intelligent Resolution . . . . .	200
Intelligent Zoom . . . . .	200
Digital Zoom . . . . .	200
Microphone Level Display . . . . .	200
Microphone Level Adjustment . . . . .	201
Wind Cut . . . . .	201
Using External Microphones . . . . .	202
Physical Controls . . . . .	202
Recommendations for Recording Video . . . . .	205
Motion Picture Playback and Editing . . . . .	205
Editing with a Computer . . . . .	207

## CHAPTER 9: WI-FI AND OTHER TOPICS 209

Using Wi-Fi Features . . . . .	209
Connecting to a Smartphone or Tablet Without NFC . . . . .	209
Connecting to a Smartphone or Tablet with NFC . . . . .	211
Controlling the Camera with a Smartphone or Tablet . . . . .	213
Sending Images and Videos to Smartphone or Tablet . . . . .	214
Uploading Images by Wi-Fi to Social Networks . . . . .	217
Connecting to a Computer to Transfer Images Wirelessly . . . . .	218
Viewing Images Wirelessly on TV . . . . .	219
Macro (Closeup) Shooting . . . . .	219
Infrared Photography . . . . .	221
Digiscoping and Astrophotography . . . . .	222
Street Photography . . . . .	223

## APPENDIX A: ACCESSORIES 225

Cases . . . . .	225
Batteries . . . . .	226
AC Adapter . . . . .	227

Viewfinders . . . . .	228
Add-on Filters and Lenses . . . . .	228
External Flash Units . . . . .	229
Automatic Lens Cap . . . . .	232
External Microphones . . . . .	233

## APPENDIX B: QUICK TIPS 234

## APPENDIX C: RESOURCES FOR FURTHER INFORMATION 236

Photography Books . . . . .	236
Websites . . . . .	236
Digital Photography Review . . . . .	236
Official Panasonic and Related Sites . . . . .	236
Videos . . . . .	237
Reviews of the LX100 . . . . .	237

## **Index 239**