

EX-S20/EX-M20 User Documentation Files

- The EX-S20/EX-M20 user documentation available here has been divided among a number of files in order to facilitate downloading. You can download the entire manual, or you can save time by using the table of contents below to find specific information and then download only the files you need.

File 1 (File name : exs20_m20_e_1.pdf)

2 INTRODUCTION

Unpacking	2
Features	9
Precautions	11
General Precautions	11
Data Error Precautions	13
Operating conditions	13
Condensation	14
Lens	14
Other	15

16 QUICK START GUIDE

First, charge the battery!	16
To configure display language and clock settings	17
To record an image	18
To view a recorded image	18
To delete an image	19

20 GETTING READY

About This Manual	20
General Guide	21
Camera	21
USB Cradle	22
Monitor Screen Contents	23
REC mode	23
PLAY mode	24
Changing the Contents of the Monitor Screen	25
Indicator Lamps	25
Attaching the Strap	26
Power Requirements	26
To load the battery	26
To charge the battery	28
Power Supply Precautions	32
Turning the Camera On and Off	35
Auto Power Off (APO)	36
Using the On-screen Menus	37
Configuring Display Language and Clock Settings	39
To configure display language and clock settings	40

File 2 (File name : exs20_m20_e_2.pdf)

43 BASIC IMAGE RECORDING

Recording an Image	43
Aiming the Camera	43
Recording an Image	44
About the REC Mode Monitor Screen	45
Recording Precautions	45
Using Zoom	46
Using the Flash	47
Flash Precautions	49
Recording Macro Images	50
Using the Self-timer	51

Specifying Image Size and Quality	52
To specify the image size	52
To specify image quality	53

55 OTHER RECORDING FUNCTIONS

Exposure Compensation (EV Shift)	55
Adjusting White Balance	56
Adjusting White Balance Manually	57
Using the BESTSHOT Mode	58
Creating Your Own BESTSHOT Setup	60
Combining Shots of Two People into a Single Image (Coupling Shot)	62
Recording a Subject onto an Existing Background Image (Pre-shot)	64
Using the Movie Mode	66
Recording Audio (EX-M20 Only)	67
Adding Audio to a Snapshot	67
Recording Your Voice	69
Using the Histogram	70
REC Mode Camera Settings	72
Specifying ISO Sensitivity	72
Turning the On-screen Grid On and Off	73
Turning Image Review On and Off	73
Assigning Functions to the [◀] and [▶] Keys	74
Assigning Functions to the [▲] and [▼] Keys	75
Specifying Power On Default Settings	76
Resetting the Camera	77

File 3 (File name : exs20_m20_e_3.pdf)

78 PLAYBACK

Basic Playback Operation	78
Playing an Audio Snapshot (EX-M20 Only)	79
Flipping the Display	80
Zooming the Display Image	81
Resizing an Image	82
Cropping an Image	83
Playing a Movie	84
Displaying the Calendar Screen	86
Playing a Slide Show	87
To specify the slideshow images	88
To specify the slideshow time	89
To set the slideshow interval	90
Using the Photo Stand Feature	90
Rotating the Display Image	91
Using Image Roulette	92
Adding Audio to a Snapshot (EX-M20 Only)	93
To re-record audio	94
Playing Back a Voice Recording File (EX-M20 Only)	95

97 DELETING FILES

Deleting a Single File	97
Deleting All Files	98

File 4 (File name : exs20_m20_e_4.pdf)

99 FILE MANAGEMENT

- Folders 99
 - Memory Folders and Files 99
- Protecting Files 100
 - To protect a single file 100
 - To protect all files in memory 101
- DPOF 101
 - To configure print settings for a single image 102
 - To configure print settings for all images 103
- PRINT Image Matching II 104
- Exif Print 104
- Using USB DIRECT-PRINT 105
- Using the FAVORITE Folder 107
 - To copy a file to the FAVORITE folder 107
 - To display a file in the FAVORITE folder 108
 - To delete a file from the FAVORITE folder 109
 - To delete all files from the FAVORITE folder 110

111 OTHER SETTINGS

- Turning the Key Tone On and Off (EX-S20) 111
- Configuring Sound Settings (EX-M20) 111
 - To configure sound settings 111
 - To set the volume level 112
- Specifying an Image for the Startup Screen 113
- Configuring Power Down Image Settings 114
- Specifying the File Name Serial Number Generation Method 116
- Using the Alarm 117
 - To set an alarm 117
 - Stopping the Alarm 118
- Setting the Clock 118
 - To select your Home Time zone 118
 - To set the current time and date 119
 - Changing the Date Format 120
- Using World Time 120
 - To display the World Time screen 120
 - To configure World Time settings 121
 - To configure summer time (DST) settings 122
- Changing the Display Language 123
- Formatting Built-in Memory 123

File 5 (File name : exs20_m20_e_5.pdf)

125 USING A MEMORY CARD

- Using a Memory Card 126
 - To insert a memory card into the camera 126
 - To remove a memory card from the camera 126
 - Formatting a Memory Card 127
 - Memory Card Precautions 128
- Copying Files 129
 - To copy all the files in built-in memory to a memory card 129
 - To copy a file from a memory card to built-in memory 130

131 VIEWING IMAGES ON A COMPUTER

- Using the Camera with a Windows Computer 131
 - USB Connection Precautions 136

- Using the Camera with a Macintosh Computer 136
 - USB Connection Precautions 140
- Operations You Can Perform from Your Computer ... 140
- Using a Memory Card to Transfer Images to a Computer 141
- Memory Data 142
 - DCF Protocol 142
 - Memory Directory Structure 142
 - Image Files Supported by the Camera 144
 - Built-in Memory and Memory Card Precautions 144

145 USING THE CAMERA WITH A COMPUTER

- Using the Album Feature 145
 - Creating an album 145
 - Selecting an Album Layout 146
 - Configuring Detailed Album Settings 147
 - Viewing Album Files 149
 - Saving an Album 152
- Installing the Software from the CD-ROM 152
 - About the bundled CD-ROM 152
 - Computer System Requirements 153
- Installing Software from the CD-ROM in Windows ... 154
 - Getting Started 154
 - Selecting a Language 154
 - Viewing the Contents of the "Read me" File 155
 - Installing an Application 155
 - Viewing User Documentation (PDF Files) 156
 - User Registration 156
 - Exiting the Menu Application 156
- Installing Software from the CD-ROM on a Macintosh 157
 - Installing Software 157
 - Viewing User Documentation (PDF Files) 158

159 PLAYING AN AUDIO FILE (EX-M20 Only)

- Transferring Audio Files to the Camera 159
- Preparing the Camera for Audio Player Operation ... 160
- Using the Camera as an Audio Player 161
 - General Guide 161
 - Basic Remote Controller Operations 163
- Playing Back Audio Files 164
 - Specifying the Audio Playback Mode 164
 - Playing Back Tracks Randomly 164
 - Selecting a Specific Track for Playback 165
 - Specifying the Track Playback Sequence 166
 - Using BASS BOOST 168
- Deleting MP3 Files from File Memory 169
 - Deleting a Single MP3 File 170
 - Deleting All MP3 Files 171
- Disabling Remote Controller Button Operations 171
- LCD Remote Control Error Messages 172
- Audio Playback Precautions 172

173 APPENDIX

- Menu Reference 173
- Indicator Lamp Reference 175
 - Camera Indicator Lamps 175
 - USB Cradle Indicator Lamps 177
- Troubleshooting Guide 178
 - Display Messages 181
- Specifications 182
 - Main Specifications 182