

Index

Numerics

- 24p camera feature for film effect, 17, 256
- 35mm lens adapter for film effect, 256

A

AC adapter, 34, 55, 178

Adobe Premiere Elements

- archiving a project, 260–261
- burning DVDs/Blu-ray discs, 286–293
- editing video, 228–229
- green screen effects, 268–269
- mobile devices, sharing with, 298–299
- music, adding, 234–235, 238–239
- organizing clips into projects, 194–195
- project setup, 184–185
- still images, inserting, 236–237
- titles, 254–255
- transferring camera content, 184–189
- transitions, 252–253
- trimming video, 230–231
- voiceover, 232–233
- workspace, 226–227

Adobe Premiere Pro, 41, 45

Adobe Premiere Pro Elements, 45

AF (automatic focus), 94, 96–97

ambient sound, 59, 62, 64

analog video, 4, 6, 7, 190–191

angle, camera, 140–141, 162–163

aperture, 87, 90–91, 167

aperture priority mode, 87, 91

Apple software. *See* iDVD; iLife suite; iMovie; iTunes

archiving a project, Adobe Premiere Elements, 260–261

A-roll, 168

aspect ratio, 12, 20–21

audience considerations, 52, 154

audio considerations

- ambient sound, 59, 62, 64
- importance of, 62–63, 173
- in-camera settings, 66–67
- inputs, 24
- microphone, 27, 32, 68–79
- monitoring sound, 64–65, 73, 79
- multi-track mixing, 216–217, 234–235
- optimal levels for camera, 65
- shot continuity, 133
- soundtrack. *See* music
- voiceover narration, 143, 214–215, 232–233

auto mode for exposure, 86

automatic backlight correction, 125

automatic focus (AF), 94, 96–97

automatic white balance (AWB), 103–105

AVCHD (Advanced Video Codec High Definition), 4, 19, 180

B

backdrops for green screen effects, 264

background, handling, 157, 173, 266–269. *See also* music

backlight, 83, 89, 117, 124–125, 129

batteries, 33, 34–35, 55

binary format, 6

bird's-eye view, 140

Blu-ray discs, burning video onto, 272, 292–293

boom microphone, 71, 78–79

brightness, controlling, 170, 262

B-roll, 168

C

camera

accessories, 30–33

anatomy of, 26–29

audio settings inside, 66–67

batteries, 33, 34–35, 55

choosing, 22–25

computer connection, 178–179

event videography principles for using, 128–129

exposure modes, 86–87

features, 16–19, 139

image effects in, 171

LCD panel, 28, 118

lens filters, 26, 31, 119–121, 246–247

light, onboard, 27, 47, 111–113

microphone options, 27, 32, 68–79

multiple sensors, 8, 16, 24

one-chip, 16

overview, 8–9

perspective, changing, 140–141, 162–163

playback mode, 176, 179

protecting, 55, 56–57

setting familiarity, 138–139

storage, 17

tilting, 89, 156, 163

TV connection, 176–177

camera bag, 33, 56–57

camera-mounted light, 27, 47, 111–113

camera-mounted microphone, 71, 76–77

capture card, 190, 191

capturing video, 188–189. *See also* transferring video

CCD (charged coupled device), 9, 16

chroma keying (green screen effects), 264–269

cinematic effects, 17, 256

close-up shot, 165

CMOS (Complimentary Metal-Oxide Semiconductor), 9, 16

color

accuracy of, 102–103

correction techniques, 121, 262–263

depth of, 170

- of light, 100–103, 132
- saturation of, 170
- temperature of, 100, 102
- white balance, 102–109, 263

composition

- basic rules, 156–157
- depth of field, 166–167
- event videography, 151
- framing the shot, 128, 157–161
- moving subjects, 160–161
- preparing for the edit, 168–169
- style, adding, 170–171
- talking heads, 158–159
- understanding, 154–155
- variety in shots, 162–165
- Web, video for display on, 172–173

computer. *See also* software, editing; transferring video

- connecting camera to, 178–179
- Mac upgrade for video, 38–39
- PC (Windows-based) upgrade for video, 42–45
- requirements for video, 36–37

consumer compared to prosumer performance, 145

contrast control, 170

cropping image, 219

cross dissolve, defined, 199

cut, defined, 199

cutaway, defined, 199

D

decibels (dB), 65

depth of field, 91, 166–167

dialogue, audio quality for, 62

diffused light, 82, 113, 114–115, 119

diffuser, 47

diffusing gel, 114

diffusing surface, 115

digital compared to optical zooming, 137

digital video. *See also* camera

- acquiring, 5
- analog, compared to, 4, 7, 190–191
- benefits of, 6–7
- defined, 4
- distribution options, 7
- editing. *See* editing video
- effects. *See* effects, video
- important principles, 128–129
- look-and-feel analysis, 242–243
- organizing footage, 192–195, 200, 203–204
- overview, 4–5
- playing back on TV, 176–177
- preparing for shoot. *See* shooting session
- recording media, 17

sharing. *See* sharing video

style, adding, 170–171

terms, 12–13

transferring. *See* transferring video

workflow, 10–11

digitizing old videos, 7, 190–191

dimensions, video, 20

Disk Menus workspace, Adobe Premiere Elements, 226

Dolby Digital Sound, 68

Dual Layer (DL) DVDs, 273

Ducking controls for audio, 217

DV (Digital Video), 4, 179

DVD authoring software, 273

DVD-R recordable format, 273

DVD-RW (rewritable), 273

DVDs, burning video files onto, 272–277, 286–293

dynamic range, exposure, 88

E

Edit workspace, Adobe Premiere Elements, 226

editing video. *See also* Adobe Premiere Elements; iMovie

- about, 198–199

- audio elements, 63

- color correction, 121, 262–263

- considering during shoot, 168–169

- film effects, 17, 256–257

- fine-tuning, 201

- green screen effects, 264–269

- image controls, 262

- look and feel, 242–243

- memory requirements, 36

- plug-ins, 244–245

- principles, 200–201

- rough cut, 201

- software for, 6, 37, 40–41, 44–45, 202–203

- terms, 199

- three-point method, 199

- transitions, 206–210, 250–253

- visualizing, 200–201

effects, video

- camera-based, 171

- color correction for creative effect, 263

- film, 17, 256–257

- filters, 26, 31, 119–121, 246–247, 257

- green screen, 264–269

- overdoing, avoiding, 243

- plug-ins for, 245

- sound effects, 63, 212–213, 243

- titles, 248–249, 254–255

- transitions, 206–210, 250–253

end search feature, 135

establishing shot, 141

Event browser, iMovie, 204

Index

Event Library, iMovie, 204

event videography

- camera principles, 128–129
- camera setting knowledge, 138–139
- capturing the story, 130–131
- continuity, shot, 132–133
- movie-making, 142–143
- perspective, changing up, 140–141
- planning and executing, 144–145
- sporting events, 146–147
- theatrical or musical events, 150–151
- timecode breaks, avoiding, 134–135
- zooming, 136–137

Events, iMovie, 192–193

exporting movies, 258–259

exposure, 82–89, 133

external microphone, 32, 70–79

F

fade, defined, 199

file-based camcorder, 180–181, 186–187

fill light, 117

film effects, 17, 256–257

filters, 26, 31, 119–121, 246–247, 257

FireWire, 13, 37, 43, 179

flash, 27

fluorescent light, 101, 102

focal length, 167

focus, 28, 91, 94–97, 132, 166–167

framing the shot, 128, 157–161

f-stop, 90

G

gain feature, 123, 149, 151

GarageBand, 40, 220–225, 242

gel, diffusing, 114

generational loss, 6

golden hour of sunlight, 100

grain, considering, 123

graphics considerations during shoot, 173

green screen effects, 264–269

H

hand-held microphone, 71, 74–75

hard drive space, 37, 38, 42

hard light, 83

HD (High Definition), 12, 16

HDMI (High Definition Multimedia Interface), 13, 176

HDTV (High Definition TV), 21

HDV (High Definition Video), 4, 18–19, 20

headphones, 65

high-angle shots, 141

high-contrast scenes, handling, 88, 172

holding the shot, 128

hot shoe, 70

household light, 101, 102, 110–111

I

iDVD, 40, 274–277

iLife suite, 40, 220–225, 242, 274–277

i-LINK, 13, 37

iMovie

editing video, 206–210

green screen effects, 266–267

iTunes, exporting to, 259

merging Events, 192–193

music, adding, 210–211, 216–217

overview, 40

QuickTime, exporting to, 258

sharing methods, 274–275, 280–285, 294–295

sound effects, 212–213

still images in, 218–219

titles, 248–249

transferring camera content, 180–183

transitions, 206–210, 250–251

voiceover, 214–215

workspace, 204–205

importing video to computer. *See* transferring video

In point issue, Adobe Premiere Elements, 231

incandescent light, 101

indoor light, 101, 102, 110–111

infinity focus, 95

input/output terminals, 176

interlaced scanning, 13, 18

Internet, uploading video to, 40, 172–173, 278–285

iPhoto, still images in, 218–219

iPod, downloading movies to, 296–297

ISP (Internet Service Provider), 278

iTunes, 210, 259, 296–297

iWeb, sharing video with, 40, 280–283

K

key light, 116

keying, defined, 264

L

lapel microphone, 70, 72–73

lavaliere microphone, 70, 72–73

LCD (liquid crystal display) monitor, 37

LCD (liquid crystal display) panel on camera, 28, 118

LED light, camera-mounted, 113

legal issues for shooting session, 50–51

lens adapter, 256

lens converter, 31

lens elements, 26

lens filter, 26, 31, 119–121, 246–247

light and lighting. *See also* aperture

- auto mode on camera, 86
- backlight, 83, 89, 117, 124–125, 129
- camera-mounted, 27, 47, 111–113
- cinematic, 257
- color of light, 100–103, 132
- correcting, 85, 102
- creative use of, 170
- diffused, 82, 113, 114–115, 119
- equipment, 32, 46–47, 114, 119
- exposure, 82–89, 133
- fill light, 117
- for green screen effects, 265
- indoors, 101, 102, 110–111
- low light situation, 122–123
- outdoors, 100–102, 118–119
- planning for, 58, 83
- shot continuity, 133
- shutter speed, relationship to, 91, 92–93
- softening of, 113
- three-point lighting method, 116–117
- types, 82–83

light sensitivity, 85

loops project in GarageBand, 220–221

low light, shooting in, 122–123

low-angle shots, 140

M

Macintosh computers, 36, 38, 40. *See also* iDVD;

iLife suite; iMovie; iTunes

magic hour of sunlight, 100

manual audio adjustments, 66

manual focusing, 95, 97

manual settings, evaluating for camera purchase, 25

manual white balance, 103, 106–109

medium shot, 164

memory requirements, camera, 38, 42

merging Events in iMovie, 192–193

Mic Att (microphone attenuator), 67

MIC (microphone) input, 66

microphone, 27, 32, 68–79

midday light, 100

Mix Audio button, Adobe Premiere Elements, 233, 235

mixing audio, 216–217, 233, 234–235

mobile device sharing, 294–295, 298–299

MobileMe account, 294–295

Monitor panel, Adobe Premiere Elements, 226

monopod, 30

multidirectional microphone, 69

multi-track audio mixing, 216–217, 234–235

music

- Adobe Premiere Elements, 234–235, 238–239

- analyzing look and feel of video, 242

- GarageBand, creating with, 220–225

- iMovie, 210–211, 216–217

- importance of, 63

N

narration (voiceover), 143, 214–215, 232–233

neutral density (ND) lens filter, 119, 120

night mode, 123

non-interlaced video, 13

NTSC (National TV System Committee) TV encoding system, 18

O

omnidirectional microphone, 69

operating modes, 29

operating systems, 39, 43

optical zooming, 26, 137

Organize workspace, Adobe Premiere Elements, 226

outdoor lighting (sunlight), 100–102, 118–119

overcast, 102

overexposed video, 84

P

pad between takes, time, 135

PAL (Phase Alternating Line) TV encoding system, 18

panning, 89, 163

PC (Windows-based) computer, 42–45. *See also* Adobe Premiere Elements

PCI (Peripheral Component Interface), 43

perspective, changing camera, 140–141, 162–163

photo editors, 218–219, 237

pinning background music, 211

pixel density, 9

pixels, 12, 24

playback mode, 176, 179

plug-ins, 244–245

point of focus, choosing, 97

polarizing filter, 121

portrait scene recording, 167

postproduction. *See* editing video; effects, video

Precision Editor, iMovie, 208–209

processor, computer, 36

progressive scanning, 13, 18

Project Library, iMovie, 204

Project window, iMovie, 204

prosumer compared to consumer performance, 145

Q

QuickTime exporting, 258

R

RAM (Random Access Memory), 36, 38

recording medium, 23

Index

recording process, 29, 33, 65
recruiting talent, 142–143
red-eye reduction, 27
reflectors, 47, 114, 119
releases for shooting subjects, 50–51
resolution, 9, 12, 16, 37
rocker, 29
rough cut, 201
RPM (revolutions per minute), 42
rule of thirds, 156, 158

S

safety issues, 55, 75, 123
Scene menu, Adobe Premiere Elements, 289
scene modes, camera, 87
Sceneline workspace, Adobe Premiere Elements, 227
scouting the shooting location, 52, 145
script writing, 131
SD (Standard Definition), 18, 19
SDTVs (Standard Definition TVs), 21
security and sharing videos online, 279
sensors, camera, 8, 16, 24, 26
Share workspace, Adobe Premiere Elements, 227
sharing video
 DVD burning, 272–277
 on the Internet, 40, 172–173, 278–285
 for mobile device viewing, 294–295, 298–299
 overview, 203
sharp focus, 132
sharpness, 170
shooting session. *See also* composition; event videography
 ambient sound assessment, 64
 equipment list, 54–55
 legal issues, 50–51
 planning, 52–53
 recording environment, 58–59
 sound monitoring during, 64–65
shot continuity, 132–133
shotgun microphone, 71, 76–79
shutter priority mode, 86
shutter speed, 91, 92–93, 149
SmartSound, 238–239, 242
soft box, 47
soft (out of focus) subject, 94
software, editing, 6, 37, 40–41, 44–45, 202–203. *See also*
 individual programs
sound. *See* audio considerations
sound effects, 63, 212–213, 243
soundtrack. *See* music
splitting events, 193
sporting event videography, 146–149
stability, 30, 129, 161
standard-definition video, 12, 16

still camera, 27
still images, 218–219, 236–237
storage media, 16–17
subject, defining, 154
sunlight conditions, 100–102, 118–119
sunrise light, 100, 102
sunset light, 101, 102

T

talent releases, 50, 142
talking heads, shooting, 158–159
tape-based camcorder, 182–183, 188–189
Tasks panel, Adobe Premiere Elements, 226
temperature of light color, 100, 102
35mm lens adapter for film effect, 256
three-point editing method, 199
three-point lighting method, 116–117
tilting camera, 89, 156, 163
timecode breaks, avoiding, 134–135
Timeline workspace, Adobe Premiere Elements, 227, 228–231
titles, 248–249, 254–255
toolbar, iMovie, 204
Tough Spun material, 113
tracking shots, 257
transferring video
 into Adobe Premiere Elements, 184–189
 analog videos, 190–191
 connecting to computer, 178–179
 into iMovie, 180–183
 organizing clips, 192–195
transitions, adding, 206–210, 250–253
transparency, background, 269
trimming video, 230–231
tripod, 30, 149
tungsten bulbs, 102
TV, 18, 21, 176–177
24p camera feature for film effect, 17, 256

U

umbrellas, reflective, 47, 114
underexposed video, 84
unidirectional microphone, 74
USB connections, 13, 37
UV (ultraviolet) filter, 120

V

VCR/VTR mode, 176
VHS tapes, 7
video. *See* digital video
video sharing Web sites, 279, 284–285
Videomerge, Adobe Premiere Elements, 269
viewer, iMovie, 204
viewfinder, 28

voiceover narration, 143, 214–215, 232–233
volume, 67, 73, 213. *See also* audio considerations

W

WDM device, 187
weather considerations, 55–57
Web, uploading video to, 40, 172–173, 278–285
webcam device, 187
whip zoom, 137
white balance, 102–109, 263
wide shot, 164
widescreen display, 12, 21, 37, 77

Windows-based personal computer (PC), 42–45. *See also* Adobe
Premiere Elements
windy conditions and microphone, 69, 77

Y

YouTube publishing, 284–285

Z

zoom lever, 29
zoom speed, 136
zooming, 26, 123, 129, 136–137, 163