

INTRODUCTION	2	#C2 Meter/Camera Active Time	27
D300 CONTROLS	3	#C3 Self Timer Delay Setting	27
FRONT VIEW	3	#C4 Color LCD Active Time	28
TOP VIEW	4	#D1 Sound Feedback Setting	28
BACK VIEW	5	#D2 Grid Line Display in Viewfinder	28
SIDE VIEW	6	#D3 Viewfinder Warnings Display	28
D300 DISPLAYS	7	#D4 Continuous Low Shooting Speed	28
D300 Top LCD	7	#D5 Maximum Continuous Shots	29
D300 Color LCD	9	#D6 File Number Sequence	29
Shooting Information Display	9	#D7 Shooting Info Display Style	29
Image Review Options	10	#D8 LCD Illumination Control	29
D300 Viewfinder	12	#D9 One Second Shutter Delay	29
HOW MENUS WORK	13	#D10 Battery Type in MB-D10	29
PLAYBACK MENU (▢ TAB)	13	#D11 Order Batteries are Used	30
Deleting Images	14	#E1 Flash Top Sync Speed	30
Hiding Images	15	#E2 Flash Low Shutter Speed Barrier	30
Print Set	16	#E3 Flash Mode for Internal Flash	30
SHOOTING MENU (■ CAMERA TAB)	16	#E4 DOF Preview Triggers Modeling Flash	31
Setting and Naming Shooting Menu Banks	18	#E5 Exposure Bracketing Method	31
Image Quality and Size	19	#E6 Manual Exposure Mode Bracketing	32
Setting JPEG	19	#E7 Bracketing Order	32
Setting TIFF	19	#F1 Direction Pad Center Button	32
Setting NEF	20	#F2 Additional Direction Pad Control	32
Setting Color Spaces in the Camera	20	#F3 Direction Pad Scrolling during Playback	33
CUSTOM SETTING MENU (✎ PENCIL TAB)	21	#F4 FUNC Button Setting #F5 DOF Button Setting #F6 AE-LOCK Button Setting	33
#A1 Continuous Servo AF Priority	23	#F7 Command Dial Functions	34
#A2 Single Servo AF Priority	23	#F8 Pressing or Holding Buttons	34
#A3 Dynamic Area AF Customization	24	#F9 Lock Camera with No CompactFlash	34
#A4 Set Focus Lock-On Parameters	24	#F10 Reverse the Manual Metering Bar	35
#A5 Autofocus Initiation Method	24	SETUP MENU (⚙ WRENCH ICON)	35
#A6 Focus Area Illumination	24	Load and Save Settings	36
#A7 Focus Point Selection Wrap	25	Dust-Off Reference Photo	36
#A8 Number of Initial AF Points	25	Cleaning the Sensor	37
#A9 Autofocus Assist Illumination	25	Image Rotation	38
#A10 MB-D10 AF-ON Button Options	25	USB Connections	38
#B1 ISO Increment	26	Video Connections	38
#B2 Exposure Control Increment	26	RETOUCH MENU (FOLDER TAB)	39
#B3 Exposure Compensation Increment	26	D-Lighting	39
#B4 Exposure Compensation Control	26	Red-eye correction	40
#B5 Center-weight Metering Circle Size	27	Trim	40
#B6 Meter Compensation	27	Monochrome	41
#C1 Shutter Release Exposure Locking	27	Filter Effects	41

Color Balance	41
Image Overlays	42
MY MENU (CHECKED TAB)	43
ERROR MESSAGES	44
CAMERA SETUP AND USE	48
CHANGING BATTERIES	48
BATTERY STATUS	48
CHARGING BATTERIES	48
CLOCK BATTERY	49
MB-D10	49
SETTING DATE AND TIME	49
SETTING LANGUAGE	50
PROGRAMMING A COMMENT	50
SETTING THE LCD BRIGHTNESS	51
VIEWFINDER ADJUSTMENT	51
SET UP RECOMMENDATIONS SUMMARY	51
RESETTING BASIC SETTINGS	51
Settings after Reset (current SHOOTING menu)	52
Settings after SHOOTING Menu Reset	52
USING COMPACTFLASH	53
Formatting Cards	53
Nikon-Approved Cards	54
Folders	54
File Names	55
SETTING THE METERING METHOD	56
Metering Compatibility	56
Spot Meter Point	56
Options for Evaluating Exposure	56
EXPOSURE MODES	57
Program Exposure Table (at ISO 200)	58
ISO SENSITIVITY	59
Noise Reduction Settings	60
EXPOSURE BRACKETING	61
D300 Exposure Bracketing Values Table (Exposures)	62
EXPOSURE COMPENSATION	63
ACTIVE D-LIGHTING	63
WHITE BALANCE	63
D300 White Balance Settings	64
D300 White Balance Bracketing Values Table	66
PICTURE CONTROLS	66
Contrast Parameter	69
Hue Parameter	69
Saturation Parameter	69
Brightness Parameter	69

Sharpness Parameter	69
LENSES AND FOCUSING	69
Lens Compatibility	70
Lens Angle of View	71
Focus Mode (Single Servo, Continuous Servo, and Manual)	72
Autofocus Area Modes	72
Autofocus Settings Summary	73
Trap Autofocus	73
The Pro Approach to Autofocus	73
Fine Tune Autofocus	74
Depth of Field	74
18mm Lens	74
20mm Lens	75
24mm Lens	75
28mm Lens	75
35mm Lens	76
50mm Lens	76
70mm Lens	76
Diffraction	76
SHOOTING METHOD	77
Live View	78
Using Hand-held Live View	78
Using Tripod Live View	78
Interval Shooting	79
Multiple Exposures	81
GPS	81
FLASH	83
ALLOWABLE APERTURES IN PROGRAM MODE	84
D300 SAFE FLASH HEAD FOCAL LENGTH SETTINGS	84
SUMMARY OF I-TTL FLASH MODES	85
SETTING FLASH OPTIONS	86
Flash Option Interactions	87
FLASH EXPOSURE COMPENSATION	87
FLASH FEATURES AVAILABLE USING A D300 WITH SPEEDLIGHTS	87
CONTROLLED, REPEATABLE FLASH RESULTS	88
D300 INTERNAL FLASH	88
To Set TTL on the Internal Flash	88
To Set Manual Flash	89
Internal Flash Guide Numbers (Feet)	89
Internal Flash Guide Numbers (Meters)	89
To Set Repeating Flash	89
To Set Wireless Flash	90
SHOOTING ADVICE	91
THINGS TO DO BEFORE YOU HEAD OUT ON A SHOOT	91

CHECK EACH TIME YOU TURN THE CAMERA ON	92
SETTINGS YOU CHANGE RARELY AND FOR A REASON	92
SETTINGS YOU CHANGE OFTEN	92
THINGS TO DO AFTER EACH SHOOTING SESSION	92
WHICH TYPE OF PHOTOGRAPHER ARE YOU?	93
SPECIFICATIONS	93
BUFFER SIZES	95
APPROXIMATE IMAGES PER CARD	96