

Nikon D700 Custom Functions

This spreadsheet allows you to record the custom functions saved in each menu and bank on the camera.

I've carefully laid out the tabs and menus to match the camera as exactly as reasonably possible. This allows for a logical flow and makes it much easier to follow.

Although you can print the sheets and take them with you, that's not what they were designed for. The intent is to use this as a learning tool to understand your camera, and then document the changes you have made to the menu system so you know what you did. It works best if you have the spreadsheet open with your camera and user's manual in front of you.

Select a cell and you can choose an option for that function from a pick list specific to that function. Note the drop-down arrow at the right when you select this cell >

When you select a drop-down choice that is not the default, the choice will be highlighted in light yellow. This makes it obvious what you have changed and allows you to move quickly through the camera menu to make your changes match the sheet.

In some instances, what is available in the pick list will change based on what you select in a pick list that precedes it (like f4, f5, and f6 on the Custom Settings Menu).

Set up your function choices using this spreadsheet, then go to the camera (or Nikon Camera Control software) and select the Playback Menu, Shooting or Custom Settings bank A through D, or Set Up Menu and adjust your settings to match.

The new Nikon Picture Controls are simply too complex to easily integrate into the Shooting Menu sheet, so I have handled them separately on a new tab.

Fortunately, beginning with the D300, Nikon has seen fit to allow you to save your custom settings to your memory card (and computer). You can then modify the settings on the fly, and can revert to your saved settings without trying to remember what you changed. This is a huge improvement. But beware - the settings file is erased if you format your memory card!

Version Notes:

Ver 1.0 Ver 1.0 - □ **Don McVey 2007, 2008 (DWM at Nikonians.org)**

Ver 1.1 Minor cleanup. Added D2X Picture Controls. Nov 28, 2007

Ver 1.2 Corrected various errors

Ver 1.3 A few more corrections

Ver 1.3 P&S Set menu choices for standard set-up

Ver 0.07 D700 Ver 0.07 - **H. Qasem, 2008 (hqasem at Nikonians.org)**. Re-written for Nikon D700

Ver 0.07D D700 Ver 0.07D - **H. Qasem, Bug fixes.**

D700 Preshoot Setup

External settings to check before you hit the shutter release

			User Manual
			Page
Preshooting Set-up	Dial or Button Control	Setting (<i>Bank Independent</i>)	Reference
Focus Mode (SCM)	<i>Focus mode Selector</i>	C - Continuous Servo AF	72
Release Mode	<i>Release Mode Dial</i>	CL - continuous low	84
Metering Preference	<i>Meter Selector</i>	3D Color Matrix II	112
Autofocus Area Mode	<i>AF-area mode selector</i>	Dynamic-area AF	74
Exposure Mode	<i>Exposure mode button</i>	A - Aperture-priority auto	114
Exposure compensation	<i>Exposure comp button</i>	Choose Compensation	128
Flash compensation	<i>Flash comp button</i>	Choose Compensation	190
White Balance	WB button	These buttons allow direct access to settings menu items (see the related tab for recorded values)	140
RAW/JPEG/TIFF choices	QUAL button		64, 69
ISO Value Setting	ISO button		106

D700 Playback Menu

			User Manual Page Reference
Menu	Default	Selected	
Delete			262
>Selected	n/a		
>All	n/a		
Playback folder	ND700	ND700	263
Hide image			263
>Select/set	n/a		
>Deselect all	n/a		
Display mode			264
>Focus Point	No	No	
>Highlights	No	No	
>RGB histogram	No	Yes	
>Data	No	No	
Image review	Off	On	265
After delete	Show next	Show next	265
Rotate tall	Off	On	265
Slide show			266
>Start	n/a		
>Frame interval	2 seconds	2 s	
Print set (DPOF)			253
>Select/set	n/a		
>Deselect/all	n/a		

D700 Shooting Menu

Shooting menu bank		Bank A	Bank B	Bank C	Bank D	User Manual
<i>Option</i>	<i>Default</i>	<i>Point & Shoot</i>	<i>Portrait</i>	<i>Landscape/Macro</i>	<i>Sports & Action</i>	Page Reference
Reset shooting menu	Resets menu to Default	Same in All Banks	Same in All Banks	Same in All Banks	Same in All Banks	271
Active folder	Add New or Select	Same in All Banks	Same in All Banks	Same in All Banks	Same in All Banks	272
File naming	DSC	HHQ	POR	LND	ACT	274
Image quality ●●	JPEG normal	JPEG normal	JPEG normal	JPEG normal	JPEG normal	64
Image size ●●	Large	Large 4256x2832; 12.0M	Large 4256x2832; 12.0M	Large 4256x2832; 12.0M	Large 4256x2832; 12.0M	69
Image area:						58
>Auto DX crop	On	On	On	On	On	
>Choose image area	FX	FX format (36x24)	FX format (36x24)	FX format (36x24)	FX format (36x24)	
JPEG compression	Size priority	Optimal quality	Optimal quality	Optimal quality	Optimal quality	67
NEF (RAW) recording:						67
>Type	Lossless compressed	Compressed	Lossless compressed	Lossless compressed	Lossless compressed	
>NEF(RAW) bit depth	12-bit	12-bit	12-bit	12-bit	12-bit	
White Balance ●●	Auto	Auto	Auto	Auto	Auto	140
Set Picture Control	Standard	Standard	Neutral	VIVID +3 Saturation	Vivid	160
Manage Picture Control	See Separate Tab	See Separate Tab	See Separate Tab	See Separate Tab	See Separate Tab	168
Color space	sRGB	sRGB	sRGB	sRGB	sRGB	181
Active D-Lighting	Off	Auto	Auto	Auto	Auto	180
Vignette control	Normal	Normal	Normal	Normal	Normal	276
Long exp. NR	Off	Off	Off	Off	Off	277
High ISO NR	Normal	Normal	Normal	Normal	Normal	278
ISO sensitivity settings:						106
> ISO Sensitivity ●●	200	200	200	200	200	
>ISO sensitivity auto control:	Off	On	Off	On	On	
Maximum sensitivity	3200	6400	1600	6400	6400	
Minimum shutter speed	1/30 s	1/60 s	1/100 s	1/15 s	1/250 s	
Live view:						90
>Live view mode	Hand-held	Hand-held	Hand-held	Tripod	Hand-held	
>Release mode	Single frame	Continuous low-speed	Single frame	Single frame	Continuous high-speed	
Multiple exposure:						198
>Number of shots	2	2	Same in All Banks	Same in All Banks	Same in All Banks	
>Auto gain	On	On	Same in All Banks	Same in All Banks	Same in All Banks	
Interval Timer Shooting:						203
>Start Time	Now	Now/Set time	Same in All Banks	Same in All Banks	Same in All Banks	
>Interval	00:00:00"	Choose	Same in All Banks	Same in All Banks	Same in All Banks	
>No. of Intervals	1	Choose	Same in All Banks	Same in All Banks	Same in All Banks	
>No. of Shots	1	Choose	Same in All Banks	Same in All Banks	Same in All Banks	
>Start	Off	turn On/Off	Same in All Banks	Same in All Banks	Same in All Banks	

●● **Two Button Reset**

Note: this also resets your Picture Control temporary settings! (Does not change your Picture Control choice)

Also, ISO Auto Control DOES NOT turn off on two-button reset.

D700 Custom Setting Menu

C	Custom setting bank		Bank A	Bank B	Bank C	Bank D	User Manual
Ref	Option	Default	Point & Shoot	Portrait	Landscape/Macro	Sports & Action	Page Reference
R	Reset shooting menu	Resets settings to Default	Same in All Banks	Same in All Banks	Same in All Banks	Same in All Banks	282
a	Autofocus						
a1	AF-C priority selection	Release	Release + focus	Release + focus	Focus	Release + focus	283
a2	AF-S priority selection	Focus	Focus	Focus	Focus	Focus	284
a3	Dynamic AF area	9 Points	51 points (3D-tracking)	21 points	51 points	51 points (3D-tracking)	285
a4	Focus tracking with lock-on	Normal	Normal	Normal	Short	Short	287
a5	AF activation	Shutter/AF-ON (ON)	Shutter/AF-ON (ON)	Shutter/AF-ON (ON)	Shutter/AF-ON (ON)	Shutter/AF-ON (ON)	287
a6	AF point illumination	Auto	Auto	Auto	Auto	Auto	288
a7	Focus point wrap-around	No wrap (OFF)	No wrap (OFF)	No wrap (OFF)	No wrap (OFF)	No wrap (OFF)	288
a8	AF point selection	51 points	11 points	51 points	51 points	51 points	289
a9	Built-in AF-assist illuminator	On	Off	Off	On	Off	290
a10	AF-ON for MB-D10	AF-ON	AF-ON	AF-ON	AF-ON	AF-ON	291
b	Metering/exposure						
b1	ISO sensitivity step value	1/3 step	1 step	1 step	1 step	1 step	292
b2	EV steps for exposure control	1/3 step	1 step	1/3 step	1/3 step	1/3 step	292
b3	Exposure compensation/fine tune	1/3 step	1/3 step	1/3 step	1/3 step	1/3 step	292
b4	Easy exposure compensation	Off	Off	Off	Off	Off	293
b5	Center-weighted area	12mm	12mm	12mm	12mm	12mm	294
b6	Fine tune optimal exposure:						294
	> Matrix metering	0	0	0	0	0	
	> Center-weighted	0	0	0	0	0	
	> Spot metering	0	0	0	0	0	
c	Timers/AE Lock						
c1	Shutter-release button AE-L	Off	Off	Off	Off	Off	296
c2	Auto meter-off delay	6 sec	8 s	16 s	8 s	8 s	296
c3	Self-timer delay	10 sec	5 s	10 s	2 s	2 s	297
c4	Monitor off delay						297
	> Playback	10 sec	1 min.	20 s	20 s	10 s	
	> Menus	20 sec	20 s	20 s	20 s	20 s	
	> Shooting info display	10 sec	10 s	10 s	10 s	10 s	
	> Image review	4 sec	4 s	4 s	4 s	4 s	
d	Shooting/display						
d1	Beep	High	Off	Off	Off	Off	298
d2	Viewfinder grid display	Off	On	On	On	On	298
d3	Screen tips	On	On	On	On	On	298
d4	CL mode shooting speed	3 fps	3 fps	3 fps	3 fps	3 fps	299
d5	Max. continuous release	100	100	100	100	100	299
d6	File number sequence	On	On	On	On	On	300
d7	Shooting info display	Auto	Auto	Auto	Auto	Auto	301
d8	LCD illumination	Off	Off	Off	Off	Off	302
d9	Exposure delay mode	Off	Off	Off	On	Off	302
d10	MB-D10 battery type	AA Alkaline	LR6 (AA Alkaline)	LR6 (AA Alkaline)	LR6 (AA Alkaline)	LR6 (AA Alkaline)	302
d11	Battery order	MB-D10 First	Use MB-D10 batteries first	Use MB-D10 batteries first	Use MB-D10 batteries first	Use MB-D10 batteries first	304

D700 Custom Setting Menu

C	Custom setting bank		Bank A	Bank B	Bank C	Bank D	User Manual
Ref	Option	Default	Point & Shoot	Portrait	Landscape/Macro	Sports & Action	Page Reference
e	Bracketing/Flash						
e1	Flash sync speed	1/250	1/250 s	1/250 s	1/250 s	1/250 s	305
e2	Flash shutter speed	1/60	1/60 s	1/60 s	1/15 s	1/60 s	308
e3	Flash control for built-in flash	TTL	TTL	TTL	TTL	TTL	309
	> Manual	Full	Full	Full	Full	Full	
	> Repeating flash	Output Times	1/32	1/32	1/32	1/32	
		Frequency (Hz)	2	2	2	2	
			10	10	10	10	
	> Commander mode						
		Built-in flash: Mode/Comp.	TTL 0	TTL 0	TTL 0	TTL 0	
		Group A: Mode/Comp.	TTL 0	TTL 0	TTL 0	TTL 0	
		Group B: Mode/Comp.	TTL 0	TTL 0	TTL 0	TTL 0	
		Channel #	1	1	1	1	
e4	Modeling flash	On	Off	Off	On	Off	315
e5	Auto bracketing set	AE & flash	AE & flash	AE & flash	AE & flash	AE & flash	315
e6	Auto bracketing (Manual mode)	Flash/speed	Flash/speed	Flash/speed	Flash/speed	Flash/speed	316
e7	Bracketing order	Meter>Under>Over	Meter>Under>Over	Meter>Under>Over	Meter>Under>Over	Meter>Under>Over	317
f	Controls						
f1	Power switch	LCD backlight	Both (LCD backlight + info)	Both (LCD backlight + info)	Both (LCD backlight + info)	Both (LCD backlight + info)	318
f2	Multi selector center button						318
	> Shooting mode	Select center focus point	Select center focus point	Select center focus point	Select center focus point	Select center focus point	
	> Playback mode	Thumbnail on/off	Zoom on/off (L/M/H)	Zoom on/off (L/M/H)	Zoom on/off (L/M/H)	Zoom on/off (L/M/H)	
f3	Multi selector	Do nothing (OFF)	Reset meter-off delay (Off)	Reset meter-off delay (Off)	Reset meter-off delay (Off)	Reset meter-off delay (Off)	319
f4	Photo info/playback	Info ↑/Playback←→	Info ↑/Playback←→	Info ↑/Playback←→	Info ↑/Playback←→	Info ↑/Playback←→	320
f5	Assign FUNC. button						320
	>FUNC. button press	None (Off)	FV lock [1]	FV lock [1]	FV lock [1]	FV lock [1]	
	>FUNC. button + dials	Auto bracketing	None	None	None	None	
f6	Assign preview button						
	>Preview button press	Preview	Preview [1]	Preview [1]	Preview [1]	Preview [1]	324
	>Preview button + dials	None (Off)	None	None	None	None	
f7	Assign AE-L/AF-L button						325
	>AE-L/AF-L button press	AE-AF lock	AE lock only	AE lock only	AE lock only	AE lock only	
	>AE-L/AF-L button + dials	None (Off)	Auto bracketing	Auto bracketing	Auto bracketing	Auto bracketing	
f8	Shutter speed & aperture lock						326
	>Shutter speed lock	Off	Off	Off	Off	Off	
	>Aperture lock	Off	Off	Off	Off	Off	
f9	Customize command dials						326
	>Reverse rotation	Off	No (Off)	No (Off)	No (Off)	No (Off)	
	>Change main/sub	Off	Off (No)	Off (No)	Off (No)	Off (No)	
	>Aperture setting	Subcommand Dial (On)	Subcommand Dial (On)	Subcommand Dial (On)	Subcommand Dial (On)	Subcommand Dial (On)	
	>Menus and playback	Off	On	On	On	On	
f10	Release button to use dial	No (Off)	No (Off)	No (Off)	No (Off)	No (Off)	328
f11	No memory card?	Enable Release (OK)	Release locked (LOCK)	Release locked (LOCK)	Release locked (LOCK)	Release locked (LOCK)	329
f12	Reverse indicators	+ ... 0 ... -	- ... 0 ... +	- ... 0 ... +	- ... 0 ... +	- ... 0 ... +	330

An asterisk (*) will appear next to the menu choice on the camera LCD when other than the default has been selected.

D700 Custom Setting Menu

C	Custom setting bank		Bank A	Bank B	Bank C	Bank D	User Manual Page Reference
Ref	<i>Option</i>	<i>Default</i>	<i>Point & Shoot</i>	<i>Portrait</i>	<i>Landscape/Macro</i>	<i>Sports & Action</i>	

[1] Functions 10, 16, and 17 - if a function marked with (1) is chosen, you cannot assign a function to the "button + dial" mode.

D700 Set Up Menu

			User Manual
			Page
Menu	Default	Selected	Reference
Format memory card	n/a		332
LCD brightness	0	0	332
Clean image sensor			392
>Clean now	n/a	Clean now	
>Clean at startup/shutdown	Cleaning off	Cleaning off	
Lock mirror up for cleaning *	n/a		395
Video mode	PAL	PAL	333
HDMI	Auto	Auto	333
World time	n/a		334
Language		English	334
Image comment			335
>Input comment		(c) 2008 Me +XYZ-1234567	
>Attach comment	Off	On	
Auto image rotation	On	On	336
Dust off ref photo			337
>Start	n/a		
>Clean sensor and then start	n/a		
Battery info	n/a		340
Wireless transmitter	Transfer mode	Transfer mode	242
Image authentication	Off	Off	342
Copyright information			343
>Artist		Me <my@email.com>	
>Copyright		2008 [WEBSITE]	
>Attach copyright information	Off	On	
Save/load settings	n/a	file name NCSETUP1	344
GPS			215
>Auto meter off	Enable (On)	Enable (On)	
>Position	n/a		
Virtual horizon	n/a		346
Non-CPU lens data	n/a		210
AF fine tune	n/a		347
>AF fine tune	Off	Off	
>Saved value	--		
>Default	0	0	
>List saved values	--		
Firmware version	n/a	A 1.00 B 1.00	348

* Not available when battery is low.

D700 Retouch Menu

	User Manual Page Reference
Menu	
D-Lighting *	354
Red-eye correction *	355
Trim	356
Monochrome *	357
Filter effects *	358
Color balance *	358
Image overlay	359
Side-by-side comparison	362

* Not available with photographs taken wit

D700 My Menu

Shooting menu bank
Custom setting bank
e3 Flash cntrl for built-in flash
ISO sensitivity auto control
ISO sensitivity settings
Image review
Interval timer shooting
World time

D700 Custom Picture Controls

ref	Name	Base	Quick adjust *	Sharpening	Contrast	Brightness
SD	Standard	Standard	0	3	0	0
NL	Neutral	Neutral	n/a	2	0	0
VI	Vivid	Vivid	0	4	0	0
MC	Monochrome	Monochrome	n/a	3	0	0
LS	LANDSCAPE	LANDSCAPE	0	4	0	0
PT	POIRTRAIT	PORTRAIT	0	2	0	0
MI	D2XMODE1	D2XMODE1	0	2	0	0
MII	D2XMODE2	D2XMODE2	0	2	0	0
MIII	D2XMODE3	D2XMODE3	0	2	0	0
C-1	Portrait	Standard	0	2	0	0
C-2	STANDARD Modif	Standard	0	7	-2	+
C-3	NEUTRAL Sharp	Neutral		8	0	0
C-4	VIVID Modified	Vivid	0	6	0	-
C-5						
C-6						
C-7						
C-8						
C-9	VIVID +3 Saturatio	Vivid	0	4	0	0

* Quick adjust can be used on Nikon Picture Controls when first modifying a new custom control based on one of the three supplied standard controls. Once saved as a custom control, Quick adjust is no longer available.

All Picture Controls can be modified temporarily through the Set Picture Controls menu (two-button reset sets them back to saved version) or permanently by using the Manage Picture Controls menu and saving as C-1 to C-9.

Picture Controls, including the Landscape can be downloaded from Nikon's website <http://nikonimglib.com/opc/> and loaded on to the camera. Be sure to download the ones specific to the D700.

<u>Color Only</u>		<u>Monochrome Only</u>		
Saturation	Hue	Filter effects	Toning	Level
0	0			
0	0			
0	0			
		Off	B&W	B&W
0	0			
0	0			
0	0			
0	0			
0	0			
0	0			
0	0			
-2	0			
0	0			
+3	-3			
+3	0			