

Speedlights

Speedlight SB-800



- Guide Number of 53 [ISO200, m] (at 35mm position)
- Master commander function
- Tilting/rotating flash head for bounce effect
- Repeating Flash

Dimensions (W x H x D): Approx. 70.5 x 129.5 x 93.0mm
Weight (without batteries): Approx. 350g

Speedlight SB-600



- Guide Number of 42 [ISO200, m] (at 35mm position)
- Tilting/rotating flash head for bounce effect
- Advanced Wireless Lighting
- Simple operation

Dimensions (W x H x D): Approx. 68.0 x 123.5 x 90.0mm
Weight (without batteries): Approx. 300g

Speedlight SB-400



- Guide Number of 30 [ISO200, m]
- Tilting flash head for bounce effect
- i-TTL flash control
- Compact and lightweight

Dimensions (W x H x D): Approx. 66.0 x 56.5 x 80.0mm
Weight (without batteries): Approx. 127g



Shot with SB-400 (bounce light)



Shot with built-in flash (direct light)

Wireless Remote Speedlight SB-R200

The easiest wireless remote unit



- Guide Number of 14 [ISO200, m]
- Functions only as a remote Speedlight unit
- Speedlight stand is supplied

Dimensions (W x H x D): Approx. 80 x 75 x 55mm
Weight (without batteries): Approx. 120g

Wireless Speedlight Commander SU-800

Commander unit for Nikon Advanced Wireless Lighting



- Controls up to 3 groups of Speedlight units
- Compatible with SB-R200, SB-800 and SB-600 Speedlights
- Simple operation

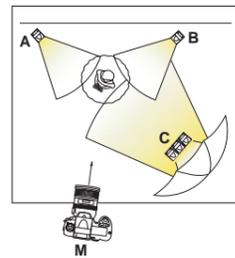
Dimensions (W x H x D): Approx. 68 x 96 x 58mm
Weight (without batteries): Approx. 160g



Nikon Close-up Speedlight Commander Kit R1C1

Advanced Wireless Lighting

If your Nikon digital SLR employs Nikon's exclusive i-TTL flash control of the Nikon Creative Lighting System, you can attach SB-800/SU-800 and control up to three wireless remote groups, with each group consisting of any number of SB-800, SB-600, or SB-R200 Speedlight units.



M: Master
A: Remote
B: Remote
C: Remote

Nikon Software

Capture NX

Fast forward to a new generation of image editing

Go to the next generation of high-quality image editing and processing to supercharge your workflow. Advanced Nikon Capture 4 plus exclusive patented U Point™ technology, by Nik Software, delivers easier access to the results of your imagination.



The new Capture NX software releases not only the newest powers of Nikon's Electronic Format (NEF) files; for the first time, it makes JPEG and TIFF processing and editing elegant and easy enough for any photographer to implement, with no need for complicated procedures. Its new interface provides access to powerful and visually intuitive enhancement tools you need, so it's easier to explore, with more visual potential. With Capture NX to realize your imagination, the possibilities are endless!



Color Aberration Control by Lens Correction Tools



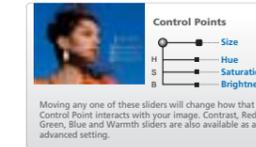
<http://capturenx.com/>

U Point™ Technology

Simply select a control point and adjust its slider until you see the image as you like it. It's a highly visual, intuitive technique.

Color Control Points

Color Control Points let you directly select and isolate an entire image or an area within it for enhancement quickly. Within moments, you can choose and use any Color Control Point to modify any aspect of a selected area including: Size, Hue, Brightness, Saturation, Contrast, Red, Green, Blue and Warmth.



Moving any one of these sliders will change how that Control Point interacts with your image. Contrast, Red, Green, Blue and Warmth sliders are also available as an advanced setting.

Show Selection for Accurate Control

Use the "show selection" feature for each Color Control Point to see which area of the image is affected by the Color Control Point. This process reverses the image into a black and white view and clearly shows the image areas under adjustment.



Black, White, Neutral Control Points

Black, White and Neutral Control Points can be used to set the dynamic range and correct color casts in your images. Neutral Control Points can also be used to set color balance in an image. This is useful for removing color casts and toning, even without a neutral object in the scene.



Red-Eye Reduction

Thanks to U Point™ technology, red-eye can be easily removed. Just place a Red-Eye Reduction Control Point on each of the offending eyes, and away it goes! With just a few slider adjustments, you can use a color Control Point to make blue (or any other eye color) eyes brighter, darker or more radiant.



The basics for choosing a lens

Picture angle and focal length

1. Picture angle



12mm

18mm

24mm



55mm

70mm

120mm



200mm

300mm

400mm

Picture angle — the image area seen through the lens — is determined by the focal length. A lens with a shorter focal length provides a wide-angle picture and broader images, while a longer focal length (i.e. telephoto lens) results in a narrower picture angle and larger image.

Note: When the lens is attached to a digital camera, the picture angle is equivalent to that of a 35mm film-based camera lens with approximately 1.5x focal length.

2. Perspective



18mm

55mm

200mm

Perspective refers to the relationship between size and depth of subjects in a picture. A wideangle lens emphasizes foreground objects by making them appear further away from the background. A telephoto lens compresses the foreground and background, deemphasizing their difference in size and relative distance.

Depth of field

The area of a photograph in which subjects in front of and behind the main subject appear sharply focused is known as the depth of field. The depth of field corresponds to the lens aperture in use. A smaller aperture (larger f-number) creates a greater depth of field, increasing the area in focus. The focal length of a lens also has an effect; as the focal length increases, depth of field decreases.



Shallow depth of field (f/2.8)

Great depth of field (f/16)

Brightness of a lens (f-number)

An f-number — marked, for example, as f/2.8, F2.8 or 1:2.8 — indicates how much light a lens allows through its aperture. A small f-number corresponds to a large aperture, meaning it allows more light through and can be used with faster shutter speeds.

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To learn more about Speedlights, please visit
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2006-2007
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WARNING TO ENSURE CORRECT USAGE, READ MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.

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At the heart of the image

Getting More From Your Nikon Digital SLR.

90th
Anniversary

Compact telephoto zoom with VR system



**AF-S DX VR Zoom-Nikkor
55-200mm f/4-5.6G IF-ED (3.6x)**
DX ED D SWM IF SC VR

- Great companion for your AF-S DX Zoom-Nikkor 18-55mm f/3.5-5.6G ED II
 - VR minimizes image blur caused by camera shake
- Dimensions: Approx. 73 x 99.5mm, Weight: 335g



VR ON



VR OFF

High-power zoom with VR system



**AF-S DX VR Zoom-Nikkor
18-200mm f/3.5-5.6G IF-ED (11.1x)**

DX ED ASP D SWM IF SC VR

- Improved VR II minimizes image blur caused by camera shake
 - 11.1x zoom covers most shooting situations
- Dimensions: Approx. 77 x 96.5mm, Weight: 560g

Micro Nikkor for dramatic close-ups



**AF-S VR Micro-Nikkor
105mm f/2.8G IF-ED**

ED D SWM IF N SC VR

- Improved VR II minimizes image blur caused by camera shake
 - Lets you shoot as close as 31.4cm
- Dimensions: Approx. 83 x 116mm, Weight: 790g

Supertelephoto zoom with VR system



**AF-S VR Zoom-Nikkor
70-300mm f/4.5-5.6G IF-ED (4.3x)**

ED D SWM IF SC VR

- Improved VR II minimizes image blur caused by camera shake
 - SWM for fast and accurate autofocus
- Dimensions: Approx. 80 x 143.5mm, Weight: 745g

Ultra-wideangle lenses

Fisheye lens to give you unique perspective



**AF DX Fisheye-Nikkor 10.5mm
f/2.8G ED**

DX ED D SC

- Reproduces distorted images with exaggerated perspective
 - 180° picture angle captures everything in front of you
- Dimensions: Approx. 63 x 62.5mm, Weight: 305g

Telephoto lenses

Supertelephoto zoom with VR system



**AF VR Zoom-Nikkor 80-400mm
f/4.5-5.6D ED (5.0x)**

ED D SC VR

- VR enables handheld supertelephoto shooting
 - Useful for candid shots
- Dimensions: Approx. 91 x 171mm, Weight: 1,360g

Single-focal, portrait lenses

Portable standard lens — great for portraits



**AF Nikkor 50mm
f/1.8D**

D SC

- Bright standard lens for professional-looking portraits
 - Ultracompact and lightweight
- Dimensions: Approx. 63.5 x 39mm, Weight: 155g

Standard zoom lens

Compact, high-power standard zoom



**AF-S DX Zoom-Nikkor 18-135mm
f/3.5-5.6G IF-ED (7.5x)**

DX ED ASP D SWM IF SC

- 7.5x zoom for use in a variety of situations
 - Compact and lightweight design
- Dimensions: Approx. 73.5 x 86.5mm, Weight: Approx. 385g

Ultra-wideangle zoom to capture great landscapes



**AF-S DX Zoom-Nikkor
12-24mm f/4G IF-ED (2.0x)**

DX ED ASP D IF SWM SC

- Frame great panoramas
 - Useful for shooting group shots in confined spaces
- Dimensions: Approx. 82.5 x 90mm, Weight: 465g

Supertelephoto for creative opportunities



**AF-S Nikkor 300mm
f/4D IF-ED + TC-14E II**

ED D SWM IF SC

- SWM for fast and accurate autofocus
 - You can easily capture supertelephoto (420mm) images with the TC-14E II
- Dimensions: Approx. 90 x 222.5mm, Weight: 1,440g

Portable medium telephoto — for intimate portraits



**AF Nikkor 85mm
f/1.8D**

D SC

- High-speed telephoto for professional-looking portraits
 - Compact and lightweight
- Dimensions: Approx. 71.5 x 58.5mm, Weight: 380g

Features

- DX** Specifically developed for use with sophisticated Nikon digital SLR cameras.
- ED** Employs an ED (Extra-low Dispersion) glass element, which minimizes chromatic aberration and offers superior color and image sharpness.
- ASP** Employs an aspherical lens, which corrects image distortion in wideangle lenses.
- D** Distance information. Relays subject-to-camera distance information to the camera and enables Nikon's advanced metering and flash control.
- SWM** Silent Wave Motor for ultra-quiet and ultra-fast focusing.
- IF** Internal Focusing (IF) design* prevents lens front rotation, thus enables use of circular polarizing filters
- N** Nano Crystal Coat employs multiple layers of Nikon's outstanding extra-low refractive index coating, which features ultra-fine crystallized particles of nano.
- SC** Features Nikon Super Integrated Coating to minimize ghost and flare.
- VR** Equipped with Nikon's innovative Vibration Reduction system to minimize image blur caused by camera shake.

*With IF, focal length becomes slightly shorter when shooting at closest focusing distance.

Note: D40 and D40X's autofocus is supported only with AF-S and AF-I lenses, which are equipped with an autofocus motor.