



# SB-800 AF SPEEDLIGHT



- Compatible with both digital and film SLR cameras; auto flash control is set to match the camera body: i-TTL Balanced Fill-Flash control with the D2X, D2Hs, D70, D-TTL Balanced Fill-Flash control and Auto Aperture Flash [AA] with D1 Series and D100 Digital SLR cameras, and TTL and Non-TTL Auto Flash [A] with film cameras
- New Advanced Wireless Lighting system makes multiple flash photography as easy to use as a single on-camera speedlight
- Intelligent i-TTL system supports automatic balanced Fill-Flash that delivers outstanding results as well as new creative possibilities.
- Individual flash mode settings ([TTL], [AA], and [M]) are available for each of the three groups (including master controller) for easy total lighting control based on the brightness of the subject and not simply on general output ratios for each group
- Four frequency channels prevent other SB-800 speedlights from inadvertently triggering speedlights
- FV Lock (Flash Value Lock) maintains Flash Value for correct exposure of the subject while zooming or changing composition
- Auto FP High Speed Sync Mode delivers fill flash in bright light up to 1/8000 of a second
- Distance Priority Manual Mode automatically controls the light output according to distance and aperture set
- Modeling Flash allows photographer to preview lighting effects for all speedlights
- Dot matrix LCD provides large, easy to read graphics, and ergonomic control design makes the buttons and switches simple to access and use
- New SD-800 Quick Recycling Battery Pack is included - adds a fifth (AA)-size battery for shorter recycling time between flashes
- New SJ-800 Color Filter Set is included - contains two color filters, one for balancing flash with tungsten lighting and one for fluorescent lighting
- New AS-19 Speedlight Stand is included - complete with tripod connector

INCLUDED ACCESSORIES: AS-19 FLASH STAND (ABOVE)  
SD-800 QUICK RECYCLING BATTERY PACK (BELOW LEFT) SJ-800 COLOR FILTER SET (BELOW RIGHT)





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## SPEEDLIGHT SB-800 SPECIFICATIONS

### Electronic Construction

Automatic Insulated Gate Bipolar Transistor (IGBT) and series circuitry

### Flash Exposure Control

- 1) i-TTL Balanced Fill-Flash with Nikon D2X, D2Hs, D70, F6
- 2) D-TTL Balanced Fill-Flash with Nikon D1, D2 series or D100
- 3) TTL Auto Flash with many film SLRs, including the Nikon F5, F100, N80, N75, N65 and FM3A
- 4) Auto Aperture Flash [AA]
- 5) Non-TTL Auto Flash [A] with Nikon 35mm SLRs
- 6) Manual Flash [M]

### Guide Number (ISO 100, m/ft.)

38/125 (at 35mm setting) to 56/184 (at 105mm setting)

### Flash Coverage

Automatic 24 to 105mm zoom  
14/17mm with built-in wide flash adapter  
14mm with Diffusion Dome SW-10H

### Bounce Capability

Flash head tilts down to -7 degree or up to 90 degree, flash head rotates horizontally 180 degree to the left or 90 degree to the right

### Power Switch

ON/OFF button provided

### Film Speed Range in TTL auto flash mode

ISO 25 to 1,000

### Minimum Recycling Time

Approx. 2.9 seconds (Manual [M], AA-size Ni-MH batteries, with Quick Recycle Battery Pack SD-800)  
Approx. 6 sec. (Manual [M] (AA-size Alkaline batteries)

### Minimum Number of Flashes

Approx. 130 (Alkaline batteries)

### Power Source

Four 1.5V (AA-size alkaline), AA (AA-size NiCd) or AA-size lithium batteries, Quick Recycle Battery Pack SD-800 holds a fifth AA-size battery for faster power recycling DC Unit SD-7 (optional)\*, Battery Pack SD-8A (optional)\*\*

\*SD-7 is not available in European countries.

\*\*SD-7 / 8 cannot be used with the SB-800 sold in European countries.

### Dimensions (W x H x D)

Approx. (2.8 x 5.1 x 3.7 in.)

### Weight (without batteries)

Approx. (12.3 oz.)

### Supplied Accessories

Quick Recycle Battery Pack SD-800 [for one (AA)-size battery]  
Speedlight Stand AS-19, Colored Filter Set SJ-800 (FL-G1 and TN-A1)  
Diffusion Dome SW-10H, Soft Case SS-800

### Optional Accessories

SC-28 and SC-29 Sync cords  
SJ-1 Color Filter Set

### Product Number

4801

WWW.NIKONSLR.COM / 1-800-NIKON-US / SLR-SB800-01

All specifications apply when fresh batteries are used at normal temperature (20°C/68°F). Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer. February 2005. ©2005 NIKON INC. 1300 Walt Whitman Road, Melville NY 11747



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