



At the heart of the *image*™

SB-800

SPEEDLIGHT

SB-800 AF Speedlight



Features

- Compatible with both digital and film SLR cameras: i-TTL Balanced Fill-Flash control with the D2X, D2H, D2Hs, D200, D70, D70s and D200 Digital SLR and F6 35mm SLR cameras, 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, A, B & C (plus 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 or SU-800 Wireless Commander from inadvertently triggering Speedlights in competitive environments.
- 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 with D2X, D2H, D2Hs and D200 Digital SLR and F6 35mm SLR cameras.
- Distance Priority Manual Mode automatically controls the light output according to distance and aperture set.
- Modeling Flash allows photographers 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.
- SD-800 Quick Recycling Battery Pack is included—adds a fifth (AA)-size battery for shorter recycling time between flashes.
- SJ-800 Color Filter Set is included – contains two color filters, one for balancing flash with tungsten lighting and one for fluorescent lighting.
- AS-19 Speedlight Stand is included – complete with tripod connector.



Included Accessories: AS-19 Flash Stand (top), SB-800 Quick Recycling Battery Pack (bottom left) SJ-800 Color Filter Set (bottom right)



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Specifications

Electronic Construction Automatic Insulated Gate Bipolar Transistor (IGBT) and series circuitry.

Flash Exposure Control 1) i-TTL Balanced Fill-Flash with Nikon D2X, D2H, D2Hs, D200, D70, D70s, D50 and F6
2) D-TTL Balanced Fill-Flash with Nikon D1, D2 series or D100
3) TTL Auto Flash with the Nikon F5, F100, N80, N75, N65 and FM3A
4) Auto Aperture Flash (AA)
5) Non-TTL Auto Flash (A)
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

ISO Range in TTL Auto Flash mode ISO 25 to 1,000

Minimum Recycling Time Approx. 2.9 sec (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)

Multiple Flash Operation Advanced Wireless Lighting (for D2X, D2H, D2Hs, D200, D70, D70s, D50 and F6)

Power Source Four 1.5 V (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 SD-800 Quick Recycle Battery Pack (for one (AA)-size battery; As-19 Speedlight Stand; SJ-800 Colored Filter Set (FL-G1 and TN-A1); SW-10H Diffusion Dome; SS-800 Soft Case

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

Product Number 4801

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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. April 2006

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