

Nikon®

SB-50DX

Autofocus Speedlight

Creative Lighting Made Easy



- **Ideal Compact Accessory Speedlight:** Featuring a 24mm to 50mm Auto-Zoom Head and full TTL controls.
- **Innovative Design:** Operates in combination with Nikon's built-in SLR speedlights providing increased power. Easy two-light on camera TTL flash system - SB-50DX in bounce position and built-in speedlight operating with TTL precision.
- **Compact and Powerful:** Guide Number of 72 (ISO 100/feet) at 35mm position when used as accessory speedlight. Combined Guide Number of 82 (ISO 100/feet) when used in combination with N80 or N65's built-in speedlight.
- **3D Multi-Sensor Balanced Fill-Flash:** With D1 Series, F5, F100, N90s and N80 35mm AF SLR cameras. Matrix Balanced Fill-Flash with N65.
- **Wireless Slave Flash with TTL Auto Control:** Perfect for multiple flash set-ups. Operates with other Nikon TTL speedlights as well as built-in speedlights on N80 and N65. Can be used on camera to trigger other off-camera Nikon TTL speedlights using SW-9IR filter provided.
- **Close-Up Flash Photography Made Easy:** Minus 18 degree tilt position of SB-50DX accommodates AF Nikkor lenses engaged in close-up to a mere 11.8 inches
- **New Safety Lock System:** Locking system assures positive contact between SB-50DX and SLR in use.
- **14mm Wide Flash Adapter:** Wide Flash adapter for use with lenses as wide as 114° angle of view.
- **Flash Compensation:** Built-in Flash compensation from +/-3EV in 1/3 EV Steps
- **AF Assist Illuminator:** Illuminator automatically lights up when light is insufficient for accurate autofocus.

Note: TTL multiple flash not possible with D1. Instead set all speedlights to manual power mode.

SB-50DX *Autofocus Speedlight Specifications:*

Type of speedlight:	TTL auto flash speedlight with built-in AF Illuminator
Guide number:	72 in feet at ISO 100 when used as accessory. 82 when used in combination with built-in speedlight on N65 or N80.
Bounce capability:	Flash head tilts up to 90° or down to minus 18° with click stops at 90°, 75°, 50°, 0° and -18°
Flash exposure control:	Following Modes are available: 3D Multi-Sensor Balanced Fill-Flash for D1: Includes 3D Multi-Sensor Balanced Fill-Flash for D1, Multi-Sensor Balanced Fill-Flash for D1, Center Weighted Fill-Flash for D1 or Standard TTL for D1; specific function employed depends on the lens in use Automatic Balanced Fill-Flash with TTL Multi-Sensor: 3D Multi-Sensor Balanced Fill-Flash, Multi-Sensor Balanced Fill-Flash, Matrix Balanced Fill-Flash, Center Weighted Fill-Flash/Spot Fill-Flash, Manual Power Mode for F5, F100, N90s, N80 or N65 Flash Output Compensation: +3 EV to -3 EV in 1/3 EV steps Wireless Control: Can be used off camera with TTL control to approx. 23 feet. Up to approx.140 feet in manual mode Slow and Rear Curtain Sync: Controlled from camera position. Camera sets exposure from 30 seconds to highest sync speed to balance
Ready Light:	Lights up when SB-50DX is charged and ready to fire, Blinks when flash fires at its maximum output, indicating light may have been insufficient (in TTL auto flash mode)
Wide Flash Adapter:	Allows the SB-50DX to be used with lenses as wide as 14mm
LCD Indications:	3D Multi-Sensor Balanced Fill-Flash, Matrix Balanced Fill-Flash, Flash Output Compensation, Flash Zoom Head Position, Audible Alert Warning, No AF-Illuminator, AM, Slave Function
IR Filter:	Supplied filter enables SB-50DX to be used as a remote commander
Light Sensor:	Senses light received from the master flash unit in wireless multiple flash operation Wireless Slave Flash Mode Effective Range Auto Slave Flash Approx. 23 feet Manual Slave Flash Approx. 130 feet
Power source:	Two CR 123A Lithium batteries
Number of flashes per set of batteries:	Approx. 260 flashes in manual mode
Dimensions:	(W x H x D) 2.5 x 4.2 x 4.1 in.
Weight:	Approx. 8.46 oz.
Provided Accessories:	SW-91R IR Filter, SS-30 Soft Case
Product number:	4716

All products indicated by trademark symbols are trademarked and/or registered by their respective companies. For more complete specifications and compatibility information, refer to the SB-50DX instruction manual. Specifications and equipment are subject to change without any notice or obligation on the part of the manufacturer.

© 2001 Nikon Inc.

Manual Mode for D1 Series Cameras



1300 Walt Whitman Road, Melville, NY 11747

www.nikonusa.com / 1-800-Nikon-US