



At the heart of the *Image*™

SB-700 AF SPEEDLIGHT

SB-700 AF
SPEEDLIGHT

FEATURES

- **Portable, Versatile Speedlight Unit**
i-TTL Speedlight optimized for use with Nikon's Creative Lighting System (CLS).
- **Nikon's Precision i-TTL Flash Control**
Delivers precise flash exposures and seamless fill-flash performance—even in challenging lighting situations.
- **Complete Flash Head Positioning Freedom**
Bounce 90° up and 7° down with 360° rotation elevates creative lighting freedom.
- **Hot Shoe and Wireless Operation**
Use on-camera, as a wireless master, commander or remote light source.
- **Wireless Flash Control**
Wireless Commander Mode controls up to 2 remote Speedlight groups and an unlimited number of compatible Speedlights. When used as a remote speedlight up to 3 Groups can be selected. Four wireless channel options help manage wireless conflicts in multi-photographer environments.
- **Versatile Auto Power Zoom Coverage**
Smoothly covers lenses as wide as 24mm and up to 120mm in FX-format.
- **Choose From 3 Light Distribution Patterns**
Using the simple slider switch on the back of the SB-700, you can optimize light quality by selecting Standard for general illumination, Center-weighted for portraits or Even, for groups or interiors.
- **Streamlined Controls and Menus**
Convenient Rotary Select Dial sets key functions quickly and a prominent Master and Remote control switch simplifies wireless operation.
- **Color Filter Identification**
Automatically identifies mounted hard type color filters and adjusts camera white-balance.*
- **Flash Tube Overheat Protection**
To prevent overheating, flash recycle time increases when SB-700 detects heat build-up.
- **Automatic Format Identification**
Automatically senses the FX or DX-format camera in use and optimizes light distribution.
- **Flash Value (FV) Lock**
Locks in a specific flash output on the main subject, regardless of aperture, composition or the lens' zoom position.*
- **Firmware Updating**
Allows uploading of performance enhancement developments.*

*With select Nikon digital SLRs



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SPECIFICATIONS | SB-700 AF SPEEDLIGHT

Electronic Construction

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

Guide Number

The SB-700 is a high-performance Speedlight with a large guide number of 28/92 (ISO 100 ft.) (at the 35 mm zoom-head position in Nikon FX-format at Standard light distribution, 20°C/68°F).

Angle of Coverage

Power zoom function automatically adjusts the zoom-head position to match the lens focal length from 24 mm to 120 mm (in FX-format).

Flash Shooting Distance Range

2 ft. to 66 ft. (varies depending on the camera's image area setting ISO sensitivity, zoom-head position, and lens aperture in use).

Flash Mode

TTL, Distance-priority manual flash, Manual flash.

Compatible Cameras

Cameras compatible with the Nikon Creative Lighting system are compatible with the SB-700.

Flash Exposure Control Set on the Camera

Camera's sync. modes: Slow-sync, Red-eye reduction, Redeye reduction in slow-sync, Rear-curtain sync flash
Shooting functions: Auto FP High-Speed sync, FV Lock flash.

Flash Output Level Compensation

-3.0 to +3.0 EV in increments of 1/3 steps in the i-TTL mode.

Bounce Capability

The flash head tilts up to 90° or down to -7° and rotates horizontally 180° to the left and right

Number of Flashes/Recycling Time

Approx. 160 flashes with AA Alkaline, Approx. 2.5 seconds (Full power manual) with AA NiMH, 250 flashes, approx. 2.5 seconds.

Ready Light

SB-700 is fully recycled: Rear ready-light lights up and front light blinks. Insufficient light for correct exposure (in i-TTL, operations): front and rear ready-lights blink for approximately three seconds after shooting.

Mounting Foot Lever Lock

Provides secure attachment of SB-700 to camera's accessory shoe using locking plate and mount pin to prevent accidental detachment.

Dimensions

Approx. 2.8 × 5.0 × 4.1 in (71.0 × 126.0 × 104.5 mm)

Weight

Approx. 15.9 oz. (450 g) with four 1.5V alkaline AA batteries.

Included Accessories

Speedlight Stand AS-22, Nikon Diffusion Dome SW-14H, Incandescent filter SZ-3TN, Fluorescent filter SZ-3FL, Soft Case SS-700

Optional Accessories

Color Filter Set SJ-4, Water Guard WG-AS1 (for D3 series), Water Guard WG-AS2 (for D300 series), Water Guard WG-AS3 (for D700), Wireless Slave Flash Controller SU-4, TTL Remote Cord SC-28/17 (approx. 1.5m/4.9 ft), TTL Remote Cord SC-29 (approx. 1.5m/4.9 ft)

Product Number

4808