Clifton Cameras Product Specification

Nikon SB-700 Speedlight

Specifications

Electronic construction:	Automatic Insulated Gate Bipolar Transistor (IGBT) and series circuitry
Guide number:	(at 35 mm zoom head position, in FX format, standard illumination pattern, 20 °C/68 °F) - 28/92 (ISO 100, m/ft.), 39/128 (ISO 200, m/ft.)
Effective flash output distance range (in i-TTL mode):	0.6 m to 20 m (2 ft. to 66 ft.) (varies depending on camera's image area setting, illumination pattern, ISO sensitivity, zoom head position, and lens aperture in use)
Illumination pattern:	There are three illumination patterns: standard, even and center-weighted The light distribution angle is automatically adjusted to the camera's image area in both FX and DX formats
Available flash mode:	i-TTL; Manual flash; Distance-priority manual flash
Other available functions:	Test firing, monitor pre-flashes, AF-assist illumination for multi-point AF, and modelling illumination
Nikon Creative Lighting System:	A number of flash operations are available with compatible cameras: i-TTL mode, Advanced Wireless Lighting, FV lock, flash colour information communication, auto FP high-speed sync and AF-assist illumination for multi-point AF
Multiple flash-unit photography operation:	Advanced Wireless Lighting; SU-4 type wireless multiple flash-unit photography (in remote mode)
Flash exposure control set on the camera:	Camera's sync modes: slow sync, red-eye reduction slow sync, front-curtain sync, rear-curtain sync, rear-curtain slow sync Photography functions: auto FP high-speed sync, FV lock, red-eye reduction
Bounce capability:	Flash head tilts down to 7° or up to 90° with clickstops at -7°, 0°, 45°, 60°, 75°, 90° Flash head rotates horizontally 180° to the left and right with click-stops at 0°, 30°, 60°, 75°, 90°, 120°, 150°, 180°
Power ON/OFF:	Rotate the power switch/wireless mode switch for multiple flash units to turn the SB-700 on or off Standby function can also be set
Power source:	Use four AA-type batteries of the same brand from any of the following types: • 1.5 V alkaline AA batteries • 1.5 V lithium AA batteries • Rechargeable 1.2 V NiMH AA batteries For minimum number of flashes and recycling time of each battery
Flash-ready indicator:	The SB-700 is fully recycled: lights up Insufficient flash output for correct exposure (in i-TTL or distance-priority manual flash mode): blinks

Flash-ready indicator (in remote mode):	The SB-700 is fully recycled: blinks Insufficient flash output for correct exposure (in i-TTL mode or AUTO mode in SU-4 type wireless multiple flash-unit photography): blinks
Flash duration (approx.):	1/1042 sec. at M1/1 (full) output 1/1136 sec. at M1/2 output 1/2857 sec. at M1/4 output 1/5714 sec. at M1/8 output 1/10000 sec. at M1/16 output 1/18182 sec. at M1/32 output 1/25000 sec. at M1/64 output 1/40000 sec. at M1/128 output
Mounting foot lock lever:	Provides secure attachment of the SB-700 to camera's accessory shoe using locking plate and locking pin to prevent unintentional detachment
Flash compensation:	-3.0 EV to +3.0 EV in increments of 1/3 EV steps in i-TTL mode
Custom setting:	11 items
Other functions:	Thermal cut-out, firmware update
Dimensions (W x H x D):	Approx. 71 x 126 x 104.5 mm (2.8 x 5.0 x 4.1 in.)
Weight:	Approx. 360 g (12.7 oz.) (Speedlight only) Approx. 450 g (15.9 oz.) (with four 1.5 V alkaline AA batteries)
Accessories supplied:	Speedlight Stand AS-22, Nikon Diffusion Dome SW-14H, Incandescent Filter SZ-3TN, Fluorescent Filter SZ-3FL, Soft Case SS-700