

# **Nikon** *SpeedLight Units*





# Speedlight SB-11



The SB-11 uses eight 1.5V AA-type penlight batteries.

## The high-performance, high-power speedlight

With a guide number of 36 (ASA/ISO 100 and meters), the SB-11 has more than enough power for most photographic situations, including multiple flash. In addition, automatic TTL (through-the-lens) flash output control which allows a wider aperture range anywhere from f/2 to f/22 (ASA/ISO 100 and meters) is operable with the Nikon F3. Power-saving as well as powerful, the SB-11 utilizes a silicon-controlled rectifier and series circuitry which uses only as much power as necessary for the correct exposure. Excess energy is saved for the next shot, recycling time is reduced, and the number of flashes per battery is increased. For automatic control with other Nikon SLRs, the Sensor Remote Cord SC-13 is available. Manual control is also possible. A tilting flash head makes bounce lighting easy and effective for portraits and snapshots.



### Wide-Flash Adapter SW-3

The SB-11 by itself covers the picture angle of a 35mm lens. When the SW-3 is attached, the flash provides coverage for a 28mm lens.



### Bounce Flash Work

The SB-11's flash head tilts vertically up to 120° (with click stops at 30°, 60°, 90° and 120°) for enhanced creative lighting control.



### Sensor Remote Cord SC-13

For automatic operation, the Sensor Remote Cord SC-13 and the Sensor Unit SU-2 are available. Automatic flash output control is operable in whichever direction the flash is pointed.



### Multiple-Flash Operation

A terminal is provided to enable connection of the SB-11 with another speedlight in series for multiple flash operation.







## Specifications

### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic TTL flash output control with Nikon F3 (with TTL Remote Cord SC-12); automatic exposure control with any Nikon SLR (with Sensor Remote Cord SC-13 and Sensor Unit SU-2); manual control: full output

### Guide number (ASA/ISO 100 and meters)

36; 25 with Wide-Flash Adapter SW-3

### Angle of coverage

56° horizontal and 40° vertical;  
67° horizontal and 48° vertical  
with Wide-Flash Adapter SW-3

### ASA/ISO film speed range

ASA/ISO 25 ~ 800

### Recycling time

Approx. 8sec. with fresh set of alkaline-manganese batteries at full output

### Number of flashes

Approx. 150 with fresh set of alkaline-manganese batteries at full output

### Power source

Eight 1.5V AA-type penlight batteries

### Dimensions (excluding bracket)

Approx. 104mm(W)×276mm(H)×118mm(D)

### Weight (excluding bracket/batteries)

Approx. 860g

### Other features

Ready-light, open-flash button, sync/multiple flash terminal

### Accessories provided

Wide-Flash Adapter SW-3; Sync Cord SC-11; Bracket SK-4, Sensor Unit SU-2



# Speedlight SB-14

*Designed to meet the needs of professionals*

Compact and lightweight, the SB-14 couples high performance with the creative freedom so necessary for pros. Coverage is comparable to the picture angle of a 28mm wideangle lens with no need for a wide-flash adapter, and distribution of illumination is uniform throughout. A guide number of 32 (ASA/ISO 100 and meters) means the SB-14 delivers ample light output. And, like the SB-11, the SB-14 uses a silicon-controlled rectifier and series circuitry to provide automatic control of the flash output. Automatic TTL control which eliminates discrepancies in light measurement and thus assures exposure accuracy is possible. So, too, is bounce flash work with the SC-12, thanks to the SB-14's flexible flash head that tilts as well as rotates. Power is supplied by the separate DC Unit SD-7.



## Wide-Flash Adapter SW-5

To expand the SB-14's already large flash coverage, the Wide-Flash Adapter SW-5 covers the picture angle of a 24mm lens.



## Tilting/Rotating Flash Head

The SB-14 flash head not only tilts back 120° but also can be rotated 120° in either direction (with click stops every 30°, 60°, 90°, and 120°), affording enhanced creative lighting control in bounce flash work.

## TTL Remote Cord SC-12

This one-meter-long cord, used with the Nikon F3, enables off-camera automatic TTL control of the flash output and bounce flash work. It is also operative with the SB-11.



The SB-14 uses six C-type batteries (in the separate DC Unit SD-7).



## DC Unit SD-7

Accepting six C-type batteries, the SD-7 is designed as a separate power source for the SB-14 and SB-11.







## Specifications

### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic TTL flash output control with Nikon F3 (with TTL Remote Cord SC-12); automatic exposure control with any Nikon SLR (with Sensor Remote Cord SC-13 and Sensor Unit SU-2); manual control: full output

### Guide number (ASA/ISO 100 and meters)

32; 22 with Wide-Flash Adapter SW-5

### Angle of coverage

67° horizontal and 48° vertical; 77° horizontal and 56° vertical with Wide-Flash Adapter SW-5

### ASA/ISO film speed range

ASA/ISO 25~800

### Recycling time

Approx. 8sec. with fresh set of alkaline-manganese batteries at full output

### Number of flashes

Approx. 270 with fresh set of alkaline-manganese batteries at full output

### Power source

Separate DC Unit SD-7 holding six C-type batteries

### Dimensions (excluding bracket)

Approx. 94mm(W)×217mm(H)×91mm(D)

### Weight (excluding bracket/batteries)

Approx. 530g

### Other features

Ready-light, open-flash button, sync/multiple flash terminal

### Accessories provided

Wide-Flash Adapter SW-5; Sync Cord SC-11; Bracket SK-5, Sensor Unit SU-2



# Speedlight SB-16



The SB-16 uses four 1.5V AA-type penlight batteries.



SB-16B



SB-16A

## Fully compatible with every Nikon SLR

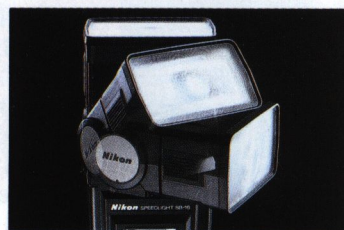
For versatility, you can't beat the SB-16 with automatic TTL flash output control. It's the Nikon speedlight for all SLR Nikons. Connect the main flash unit to any Nikon F3-series camera with one interchangeable flash unit coupler. Or connect it to the Nikon FA, FE2, FM2 or FG with another. Either way, except for the manual FM2, the TTL flash SB-16 automatically controls flash through the lens for correct exposure so you don't have to worry about aperture settings. Just set the speedlight and shoot. The SB-16 makes flash photography with any Nikon SLR camera easy for everyone.

For F3-series cameras, use Flash Unit Coupler AS-8 (flash unit/coupler combination "SB-16A"). The AS-9 (combination "SB-16B") connects to the standard ISO-type accessory shoes of the FA, FE2, FM2, and FG. The FA, FE2 and FM2 synchronize at up to 1/250sec., the world's fastest flash sync speed; the FG at up to 1/125sec.

And for truly exciting flash photography, there's the SB-16's versatile main flash head. To create flattering portraits, for instance, you can soften stark shadows or fill in harsh ones by simply tilting the SB-16's head away from your subject, as in bounce flash photography. You can even rotate or zoom the head to match the picture angle of the lens in use.

Filling in shadows and highlighting eyes pose no problem either—the SB-16's secondary flash head points straight ahead to do just this. The SB-16 likewise makes available a more creative flash technique for users of even auto exposure cameras. This is by way of exposure compensation relative to the subject's reflectivity. For instance, if reflectivity is high (e.g., the subject is wearing white), all you have to do is turn the compensation dial to the plus side; conversely, if the attire is dark, you turn the dial to the minus side.

Not only that—using the SB-16 is mistake-proof. The camera's ready-light blink if you mount the flash unit incorrectly. It blinks, too, if the ASA/ISO setting is beyond the unit's working range or if the light output was insufficient for the previous picture. That's sure-fire flash photography for you!



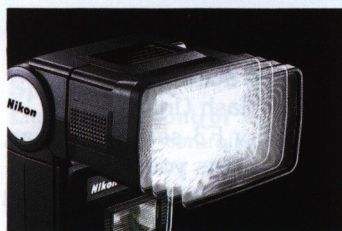
### Tilting/Rotating Flash Head

Be creative. Tilt the main flash head up to 90° in five click stops. Or rotate it up to 270° in nine click stops (90° clockwise—three stops; 180° counterclockwise—six stops). Or do both.





Wide-Flash Adapter SW-7



#### Zoom Flash Head

Zoom the SB-16's main flash head to cover the picture angle of the lens in use. Set it at the 28mm, 35mm, 50mm or 85mm position—whichever corresponds to the Nikkor or Nikon Series E lens in use.

#### Specifications

##### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic TTL flash output control with Nikon F3 (with AS-4), or with Nikon FA, FE2 and FG (with AS-9); automatic exposure control with any Nikon SLR; manual control: full output

##### Guide number (ASA/ISO 100 and meters)

32 with zoom head set at N (35mm); 19 at W<sub>1</sub> (28mm) with Wide-Flash Adapter SW-7

##### Angle of coverage

60° horizontal and 45° vertical with zoom head set at W<sub>1</sub> (28mm); 78° horizontal and 60° vertical with Wide-Flash Adapter SW-7

##### ASA/ISO film speed range

ASA/ISO 25 ~ 800

##### Recycling time

Approx. 11sec. with fresh set of alkaline-manganese batteries at full output

##### Number of flashes

Approx. 100 with fresh set of alkaline-manganese batteries at full output

##### Power source

Four 1.5V AA-type penlight batteries

##### Dimensions (W × H × D)

SB-16A: approx. 82 × 166.5 × 100mm  
SB-16B: approx. 82 × 144 × 100mm

##### Weight (excluding batteries)

SB-16A: approx. 485g; SB-16B: approx. 445g

##### Other features

Ready-light, ready-light contact, open-flash button, sync/multiple flash terminal

##### Accessories provided

Wide-Flash Adapter SW-7; Soft Case SS-16; Battery Holder MS-5



# Speedlight SB-17

Designed exclusively for  
Nikon F3-series cameras

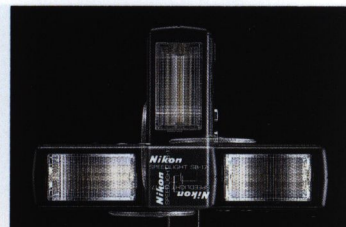
\*TTL Remote Cord SC-14



Auto TTL flash and an F3-series camera—what a combination! The camera's built-in sensor measures the SB-17's light through the lens at any aperture setting and the SB-17 automatically controls it. So you get perfectly exposed pictures every time, no matter how you've angled the SB-17. If you're shooting through a filter, there's no need to compensate either. What's more, since you can use virtually any aperture setting you like, flash photography becomes fuss-free.

The SB-17 saves any power left after each shot for the next shot; series circuitry and a silicon-controlled rectifier take care of that. You can shoot with a motor drive and take pictures at up to four frames per second. Bounce flash photography is within your easy reach, too—just turn the SB-17's flash head any direction you like and tilt the flash module some more. Perfect for portraiture! And for non-TTL automatic flash, you can use either of two f/stops—f/4 and f/8 (i.e., ASA/ISO 100). One more thing: since the SB-17 has a TTL multi-flash terminal, you can use it as the prime flash unit in TTL multi-flash photography.

Finally, the SB-17 makes it virtually impossible to make a mistake. Mount the flash unit incorrectly and the camera's ready-light blinks. Use an ASA/ISO setting beyond the unit's working range and the ready-light blinks. And if the light output was insufficient for the previous picture, the ready-light blinks then, too.



## Rotating Flash Head and Tilting Module

Now bounce flash photography is easier than ever. Just rotate the SB-17's flash head 180° (click-stops at 90° and 180°). And tilt its flash module 90° (click stops at 15°, 30°, 60° and 90°).



## Flash Unit Couplers AS-6, AS-7

For Nikons with standard ISO-type accessory shoes, there's Flash Unit Coupler AS-6. For F3-series cameras, the AS-7 lets you rewind or replace film without removing the coupler.

## \*TTL Remote Cord SC-14

This cord is convenient for off-camera automatic TTL flash control. It's best to use it to soften strong shadows in portraiture.





The SB-17 uses four 1.5V AA-type penlight batteries.



## Specifications

### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic TTL flash output control with Nikon F3 (with TTL Remote Cord SC-14 for off-camera TTL flash operation); automatic exposure control with any Nikon SLR (with Flash Unit Coupler AS-6); manual control: full output

### Guide number (ASA/ISO 100 and meters)

25; 18 with Wide-Flash Adapter SW-6

### Angle of coverage

60° horizontal and 45° vertical; 70° horizontal and 53° vertical with Wide-Flash Adapter SW-6

### ASA/ISO film speed range

ASA/ISO 25 ~ 400

### Recycling time

Approx. 8sec. with fresh set of alkaline-manganese batteries at full output

### Number of flashes

Approx. 160 with fresh set of alkaline-manganese batteries at full output

### Power source

Four 1.5V AA-type penlight batteries

### Dimensions (excluding mounting foot)

Approx. 101 mm (W) × 43 mm (H) × 90 mm (D)

### Weight (excluding batteries)

Approx. 300 g

### Other features

Ready-light, open-flash button, sync/multiple flash terminal

### Accessories provided

Wide-Flash Adapter SW-6; Soft Case SS-17



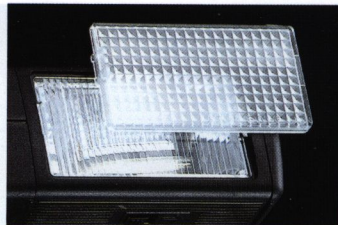
# Speedlight SB-15



The SB-15 uses four 1.5V AA-type penlight batteries.

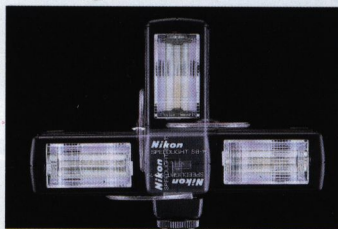


*Handy, easy-to-use auto TTL speedlight*



## Wide-Flash Adapter SW-6

The SW-6 snaps into place in front of the SB-15's flash head to increase the coverage from the picture angle of a 35mm lens to the picture angle of a 28mm wideangle lens.



## Rotating Flash Head and Tilting Flash Module

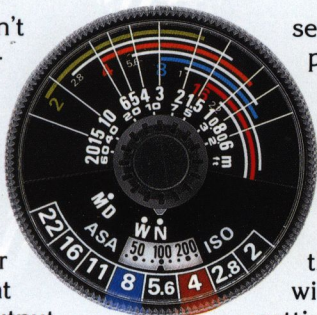
The SB-15's flash head rotates through an arc of 180° with click-stops at 90° and 180°. It also tilts (with click stops at 15°, 30°, 60° and 90°), enabling bouncing the light off ceiling or walls for softening effects.



## Flash Unit Couplers AS-4 and AS-7

The SB-15 can be attached to the F3 by using the AS-4 or AS-7.

Even if you haven't had a lot of experience taking pictures with flash, you'll find the SB-15 easy to operate. Use it with the Nikon FA, FE2 or FG for convenient auto TTL flash output control. The sensor inside the camera measures the SB-15's light through the lens and the camera automatically controls flash output. So with or without a filter, flash output is automatically controlled for correct exposures, no matter how the speedlight is angled and whatever aperture the lens is set at. Shooting with an FA or FE2? They synchronize at the world's fastest flash sync speed of 1/250sec. So you can open up the lens aperture even in broad daylight to produce remarkable



selectively-focused pictures. Even if your favorite subject is posing against a bright backlight, you can simply open up the lens to a wider aperture setting and fire. The result is sure to please you. Motor-driven flash photography? The SB-15 gives you that, too, at up to 3.8 frames per second. After every shot, any power left is saved by the silicon-controlled rectifier and series circuitry for the next shot. So recycling time decreases. While the number of flashes per battery set increases. In addition, the SB-15's ready-light lets you know when the unit's recycled. And if the previous shot was underexposed. All this makes for mistake-free flash photography.



## Specifications

### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic TTL flash output control with Nikon FA, Nikon FE2 and Nikon FG; automatic exposure control with any Nikon SLR (Flash Unit Coupler AS-4 or AS-7 required with Nikon F3); manual control: full output

### Guide number (ASA/ISO 100 and meters)

25; 18 with Wide-Flash Adapter SW-6





**Angle of coverage**

56° horizontal and 40° vertical;  
67° horizontal and 48° vertical  
with Wide-Flash Adapter SW-6

**ASA/ISO film speed range**

ASA/ISO 25 ~ 400

**Recycling time**

Approx. 8sec. with fresh set of  
alkaline-manganese batteries  
at full output

**Number of flashes**

Approx. 160 with fresh set of  
alkaline-manganese batteries  
at full output

**Power source**

Four 1.5V AA-type penlight  
batteries

**Dimensions (excluding  
mounting foot)**

Approx. 101 mm(W) x 42.5 mm(H) x  
90 mm(D)

**Weight (excluding batteries)**

Approx. 270 g

**Other features**

Ready-light, open-flash button,  
sync/multiple flash terminal

**Accessories provided**

Wide-Flash Adapter SW-6;  
Soft Case SS-17



# Speedlight SB-18



The SB-18 uses four 1.5V AA-type penlight batteries.

## Compact and convenient auto TTL flash for the Nikon FG

Beginner or advanced amateur? If you want an electronic flash unit that's just right for the FG, then there's no better choice than the compact, lightweight SB-18 with its automatic TTL flash output control. The camera's built-in sensor measures flash light through the lens. And the camera automatically controls flash output. Thus, you can use virtually any aperture you like (i.e., f/2 to f/16 at ASA/ISO 100) and get a correct exposure. This makes the SB-18 so easy to operate that mistakes are next to impossible.

The SB-18 automatically switches the flash sync speed and provides enough light for virtually any scene. Ready-lights on the unit and in the viewfinder indicate when the flash is charged.

Besides the FG, you can also use the SB-18's auto TTL flash with the Nikon FA and FE2.



### Specifications

#### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic TTL flash output control with Nikon FG, Nikon FE2, and Nikon FA; manual control at M setting with any Nikon SLR camera (Flash Unit Coupler AS-4 or AS-7 required with Nikon F3)

#### Guide number (ASA/ISO 100 and meters)

20

#### Angle of coverage

60° horizontal and 45° vertical covering picture angle of 35 mm lens

#### ASA/ISO film speed range

ASA/ISO 25 ~ 400

#### Recycling time

Approx. 6 sec. with fresh set of alkaline-manganese batteries at full output

#### Number of flashes

Approx. 250 with fresh set of alkaline-manganese batteries at full output

#### Power source

Four 1.5V AA-type penlight batteries

#### Dimensions (W x H x D)

Approx. 66 x 113 x 42 mm

#### Weight (excluding batteries)

Approx. 150g

#### Other features

Ready-light, ready-light contact, power switch/shooting mode selector

#### Accessories provided

Soft Case SS-18



ASA/ISO		100		200		400		AUTO RANGE	
2	2.8	4	5.6	8	11	16	20	feet	6 32
2	2.8	4	5.6	8	11	16	20	m	1.8 10
2	2.8	4	5.6	8	11	16	20		4.2 23
2.8	4	5.6	8	11	16	20	25		13 7
2.8	4	5.6	8	11	16	20	25		8 10
4	5.6	8	11	16	20	25	32		0.8 9
4	5.6	8	11	16	20	25	32		2.3 11
5.6	8	11	16	20	25	32	40		0.7 3.5
5.6	8	11	16	20	25	32	40		2 8.2
8	11	16	20	25	32	40	50		0.6 2.5
8	11	16	20	25	32	40	50		2 5.8
11	16	20	25	32	40	50	60		0.6 1.2
11	16	20	25	32	40	50	60		2 4.1

READY OFF M TTL

JAPAN



# Speedlights SB-19/SB-E

*Two very easy-to-use speedlights for the Nikon FG-20 and EM*

The SB-19 and the SB-E are both compact, lightweight and offer automatic flash output control capability. If you own a Nikon FG-20 or EM, you'll never be in the dark with either of these handy electronic flash units. The SB-19 has a guide number of 20 (ASA/ISO 100, in meters). It allows you to use a wide range of apertures from f/2 (with a flash-to-subject distance of 2.1—10m) to f/11 (with a flash-to-subject distance of 0.6—1.7m), at ASA/ISO 100.

The slightly smaller SB-E has a guide number of 17 (ASA/ISO 100, in meters), and provides a working distance of up to 6m (at ASA/ISO 100).

On either speedlight, information on film speed and lens aperture is automatically fed into the speedlight for added ease of operation. Shutter speed is then electronically set to 1/90sec. The SB-19 and SB-E can be directly mounted onto any Nikon camera with an ISO-type accessory shoe.



## Specifications

### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic exposure control with any Nikon SLR (Flash Unit Coupler AS-4 or AS-7 required with Nikon F3)

### Guide number (ASA/ISO 100 and meters)

20 (SB-19); 17 (SB-E)

### Angle of coverage

60° horizontal and 45° vertical covering picture angle of 35mm lens (SB-19); 56° horizontal and 40° vertical covering picture angle of 35mm lens (SB-E)

### ASA/ISO film speed range

ASA/ISO 25—1600 (SB-19); ASA/ISO 25—400 (SB-E)

### Recycling time\*

7sec. (SB-19); 9sec. (SB-E)

### Number of flashes\*

Approx. 250 (SB-19); approx. 80 (SB-E)

### Power source

Four 1.5V AA-type batteries (SB-19); Four 1.5V AAA-type batteries (SB-E)

### Dimensions (W x H x D)

Approx. 66 x 116 x 46mm (SB-19); approx. 55 x 110 x 33mm (SB-E)

### Weight (excluding batteries)

Approx. 170g (SB-19); approx. 130g (SB-E)

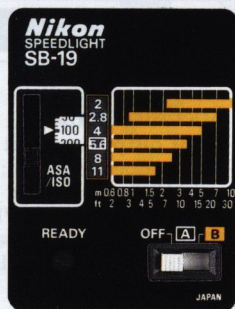
### Other features

Ready-light, ready-light contact, A-B selector (A for one usable aperture and B for wide range of aperture with SB-19; A for any Nikon SLR and B for EM with SB-E)

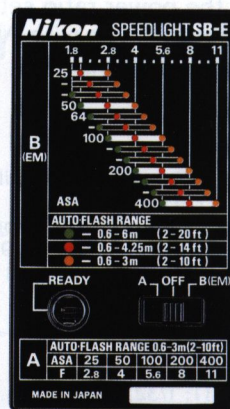
\*With fresh set of alkaline-manganese batteries at full output



SB-19



SB-E





# Repeating Flash SB-6

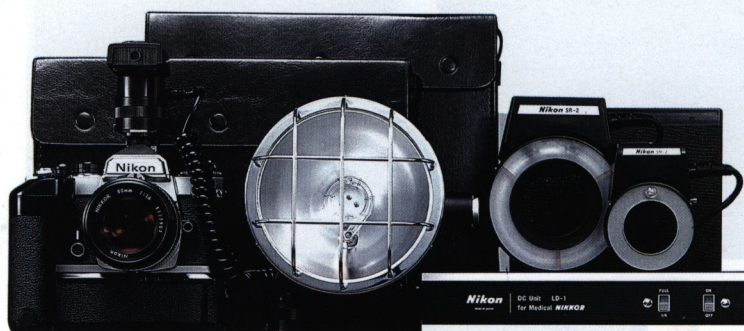
Quick, numerous flashes

# Ringlights SR-2 SM-2

Wraparound illumination



Especially useful in action photography, the SB-6 recycles instantly for a large number of flashes in a short period of time. With motor-driven cameras, it synchronizes up to 3.8 frames per second. Even stroboscopic operation from 5 to 40 flashes per second depending on the power ratio set is possible. Usable with AC or DC power packs.



For all-around lighting with no distracting shadows, the ringlights SR-2 and SM-2 bathe the subject in full illumination. The SR-2 screws directly into the 52mm front thread of Nikkor and Series E lenses from 35mm to 200mm. The SM-2 attaches to the bayonet mount of a reverse-mounted lens. Both accept either AC or DC power packs.

## Specifications

### Light output control

Silicon thyristor-controlled rectifier and series circuitry; automatic exposure control with any Nikon SLR (with Extension Cord SC-9 and Sensor Unit SU-1); manual control: full output

### Guide numbers (ASA/ISO 100 and meters)

Full, 45; 1/2, 32; 1/4, 22; 1/8, 16; 1/16, 11; 1/32, 8

### Angle of coverage

56° horizontal and 40° vertical covering picture angle of 35mm lens

### ASA/ISO film speed range

ASA/ISO 100~800

### Stroboscopic operation

5~40 flashes per second with the AC Unit SA-3

### Synchronization with motor drive

5.5fps with the AC Unit SA-3 at 1/6 or 1/32 power setting

### Power source

AC Unit SA-3

### Dimensions

128mm dia. x 190mm long

### Weight

Approx. 1,100g

## Specifications

### Light output control

Manual operation only; FULL and 1/4 power settings

### Guide number (ASA/ISO 100 and meters)

SR-2: (from 0.6m) FULL, 16; 1/4, 8

SM-2: variable over macro distance

### Recycling time

AC: approx. 8sec. at full output

DC: approx. 9sec. at full output

### Number of flashes

DC: Approx. 600 at full output

### Power source

AC Unit: LA-1

DC battery pack: LD-1

### Dimensions (W x H x D)

SR-2: Approx. 140 x 106 x 25mm

SM-2: Approx. 70 x 100 x 35mm

### Weight (excluding batteries)

SR-2: 200g, SM-2: 185g



## TTL MULTIPLE-FLASH SYSTEM

Leave it to Nikon to develop a professional-quality TTL multiple-flash system that anyone can master right away. Choose any combination of TTL Speedlights SB-15, SB-16A/B, SB-17 and SB-18. Add a Nikon F3, FA, FE2 or FG. Then use the TTL remote or TTL multi-flash sync cords available for TTL off-camera or multi-flash photography. Now you're ready for off-camera or multiple-flash photography, but minus strong shadows. So, go ahead, create truly stunning effects. Put that extra sparkle in portraiture or interior photography. The camera body's built-in sensor automatically measures and controls the light from all the units. So you always get perfectly exposed pictures. Without complicated manual exposure-value calculations or accessory flash meters.



### TTL Remote Cord SC-17

(for the Nikon FA, FE2 and FG)

Very convenient for off-camera flash photography. The end of this cord is the standard ISO accessory shoe. Up to two TTL flash units can be connected to the SC-17's terminals through the TTL Multi-Flash Sync Cord SC-18 or SC-19 for TTL multiple-flash photography.

### TTL Multi-Flash Sync Cords SC-18 and SC-19

Use these cords to connect TTL flash units to each other through the TTL Multi-Flash Adapter AS-10 or TTL Remote Control Cord SC-17 for multiple-flash operation.

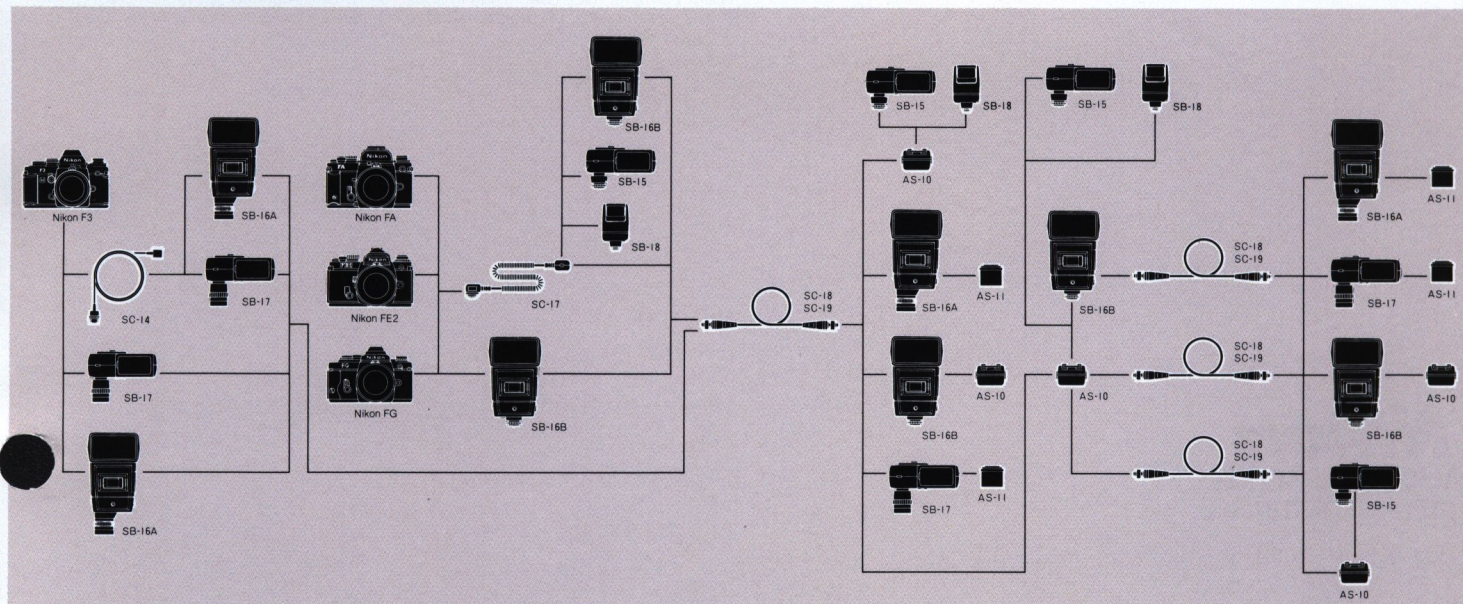
### TTL Multi-Flash Adapter AS-10

Attach the AS-10 to the SB-15, SB-16B or SB-18. Connect additional TTL speedlight units with the SC-18 or SC-19. The AS-10 controls up to three TTL flash units. For added convenience, the AS-10 can be mounted on a tripod.

### Flash Tripod Adapter AS-11

Using the SB-16A or SB-17 away from the camera? The AS-11 has a tripod screw so you can attach either one to a tripod.

## System Configuration





# Camera/Speedlight Compatibilities

Speedlight Camera (sync speed)	SB-11 SB-14	SB-16A SB-17	SB-16B SB-15	SB-18	SB-19 SB-E	SB-6	SR-2 SM-2
<b>F3 series</b> (1/80 sec.)	w/TTL Remote Cord SC-12	⚡	w/Flash Unit Coupler AS-4 or AS-7	w/Flash Unit Coupler AS-4 or AS-7	w/Flash Unit Coupler AS-4 or AS-7	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	w/built-in Sync Cord
<b>FA</b> (1/250 sec.)	w/Sensor Remote Cord SC-13 (plus Sensor Unit SU-2)	w/Flash Unit Coupler AS-6	⚡	⚡	⚡	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	w/built-in Sync Cord
<b>FE2</b> (1/250 sec.)	w/Sensor Remote Cord SC-13 (plus Sensor Unit SU-2)	w/Flash Unit Coupler AS-6	⚡	⚡	⚡	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	w/built-in Sync Cord
<b>FM2</b> (1/250 sec.)	w/Sensor Remote Cord SC-13 (plus Sensor Unit SU-2)	w/Flash Unit Coupler AS-6	⚡	⚡	⚡	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	w/built-in Sync Cord
<b>FG</b> (1/90 sec.)	w/Sensor Remote Cord SC-13 (plus Sensor Unit SU-2)	w/Flash Unit Coupler AS-6	⚡	⚡	⚡	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	—
<b>FG-20</b> (1/90 sec.)	w/Sensor Remote Cord SC-13 (plus Sensor Unit SU-2)	w/Flash Unit Coupler AS-6	⚡	⚡	⚡	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	—
<b>EM</b> (1/90 sec.)	w/Sensor Remote Cord SC-13 (plus Sensor Unit SU-2)	w/Flash Unit Coupler AS-6	⚡	⚡	⚡	w/Extension Cord SC-9 (plus Sensor Unit SU-1)	—

- ⚡ TTL automatic
- ⬜ Non-TTL automatic
- ⬜ Manual

**Note:** This chart gives the simplest and usually most direct way of connecting the speedlight unit to each Nikon camera. However, other compatibilities exist.

Specifications and designs shown herein are subject to change without notice.



Nikon cameras have been flying in space on NASA's manned spacecraft program ever since the APOLLO program. It also includes SKYLAB and the joint venture APOLLO-SOYUZ.

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