

**Nikon**

**Nikon quality  
combined with  
advanced design  
and unique  
lighting flexibility**

## **NIKON ELECTRONIC FLASH SYSTEM**



Nikon has created a lighting system whose quality of construction and practical versatility set it apart from any other flash equipment. The result is a level of performance that adds special significance to an impressive list of specifications.

One example of this basic precision is truly constant light output. In the Nikon unit, the ready-light comes on only when not less than 95% of full output is assured. It maintains this accuracy with any of four different power sources, at recycling rates as short as 1.5 seconds. Another example is the exceptionally even distribution of the full output over the entire 65 degree angle of illumination. Also, special precautions have been taken to avoid the flat lighting characteristic of other flash units. All synch cords lock securely in Nikon and Nikkormat camera terminals.

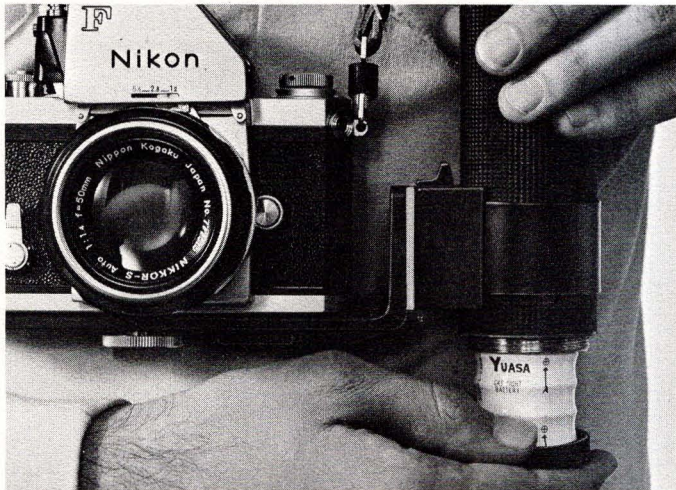
The Nikon system was designed from the start to serve for various special as well as general applications. Going beyond interchangeable power sources and extension facilities, it can provide accurate, dependable illumination even for macrophotography. There is also a unique viewfinder ready-light accessory which lets the user check flash readiness without taking his eye off the camera finder.

Latest state-of-the-art electronics are used throughout the Nikon system to make this the ideal flash equipment for owners of any high-quality cameras.



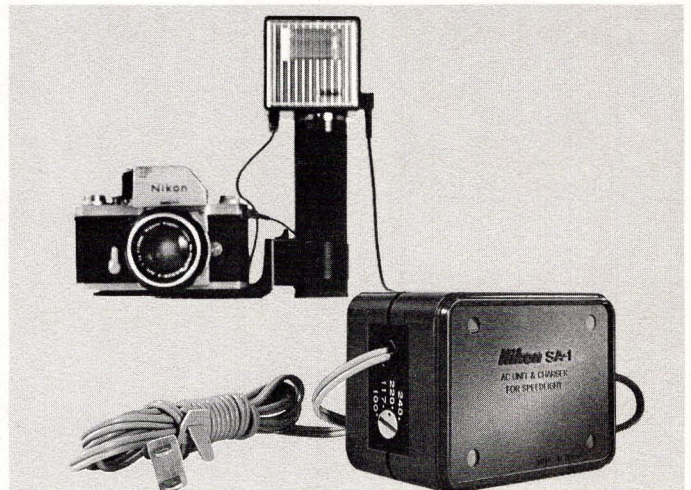
# NIKON ELECTRONIC FLASH SYSTEM

## Choice of 4 power sources



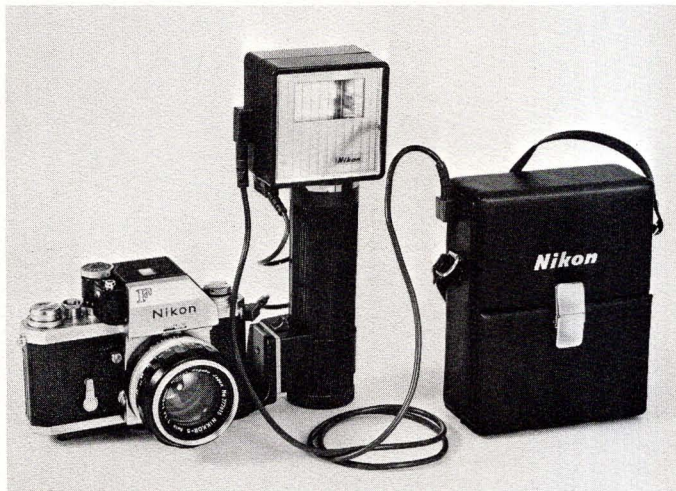
### 1. NICKEL-CAD BATTERY

housed in grip handle. Remains inside unit for recharging, gives up to 80 flashes per charge. May be quickly interchanged with charged spare battery for continuous, extended shooting. Recycling time: about 4 seconds with fully charged battery. Supplied as standard equipment.



### 2. AC

using AC attachment which also serves for charging nickel-cad battery (simultaneously, if desired). Adjustable for 100 to 240 volts. Recycling time: about 5 seconds. Supplied as standard equipment.



### 3. "D" CELLS

Optional shoulder pack SD-2 holds 6 "D" cells; good for up to 1,000 flashes (alkaline type). Recycling time: 3.5 to 7 seconds, depending on battery type and condition.



### 4. 510-VOLT BATTERY

(Eveready 497 or equivalent) housed in optional shoulder pack SD-3. Gives about 700 flashes or more, recycles in as little as 1.5 seconds.



## Always reliable light output

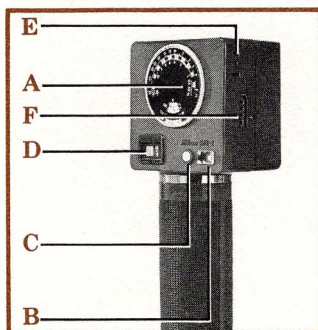
Ready-light does not come on until capacitor charge reaches 95%. Thereafter, a unique monitor circuit maintains charge at not less than 98% of capacity. This output constancy assures uniform exposure with every flash.

## Exceptionally even light distribution

Illumination is remarkably even over a full 65° area (greater than field of 35mm wide-angle lens). No hot spots, no underexposed edges, and no need for output-reducing wide-angle adapters.

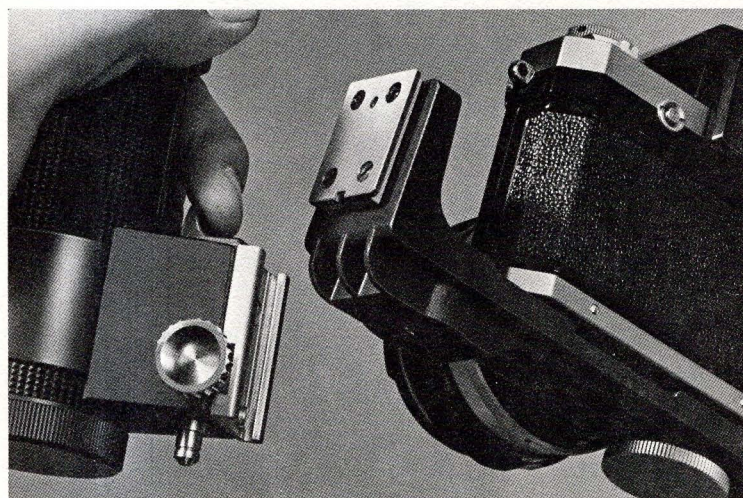
## Flash head contains all controls

(A) Exposure Calculator  
(B) Ready light\*  
(C) Open Flash  
(D) On/Off Switch  
(E) Extension Socket  
(F) Ringlight Socket  
Synch Cord and AC/Charger Sockets are also located on flash head.



## Quick-release clamp

For off-camera flashing, simply loosen the large thumb screw, slide the release latch, and lift the unit off the bracket. For convenient carrying and storage, bracket can be fastened flush against clamp.



## Specifications

Specifications							
Power sources	Nickel-cad battery	AC 100-240 Volt	6 'D' cells alkaline	510-Volt battery			
Approx. No. of flashes	80	unlimited	1,000	700			
Approx. recycling time	4 sec.	5 sec.	4 sec.	1.5 sec.			
Light output	1400 B.C.P.S.						
Guide Number, Kodachrome II (ASA 25) Ektacolor S (ASA 100)	45 95						
Flash duration	1/2000th second at ½ peak						
Angle of coverage	65°						
Color temperature	6000° K						
Weight	33 oz., with nickel-cad battery and camera bracket.						

\*See Accessories section for Viewfinder Ready-lite Eyepiece Attachment



## NIKON ELECTRONIC FLASH ACCESSORIES

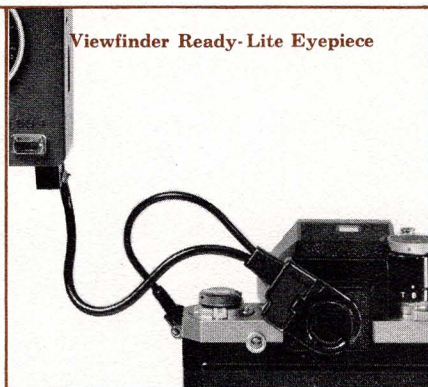
"D" Cell Pack SD-2



\*Ringlight SR-1



Viewfinder Ready-Lite Eyepiece



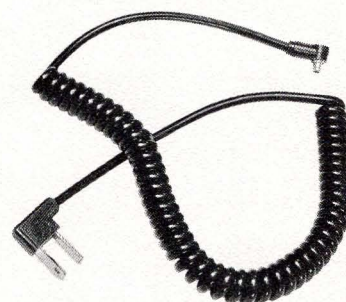
510-Volt Battery Pack SD-3



\*Macro Ringlight SM-1



Coil Synch Cord



"D" Cell Pack SD-2

(Prod. No. 326) Holds 6 "D" cells (not included). Connecting this pack to unit automatically switches off nickel-cad battery. Finest leather, with shoulder strap.

510-Volt Battery Pack SD-3

(Prod. No. 325) Compact leather shoulder case holds Eveready 497 battery or equivalent (not included).

\*Ringlight SR-1

(Prod. No. 323) Provides even, shadowless illumination at subject distances as close as 8". Adjusts for full or 1/4 output. Has 52mm thread for attaching to Nikkor lenses from 35 to 200mm focal length. May be used with nickel-cad battery, "D" cells or AC.

\*Macro Ringlight SM-1

(Prod. No. 324) Specifically designed to mount on reversed lens as used for shooting at 1:1 and greater magnification. Built-in plunger opens lens to maximum aperture and simultaneously activates built-in focusing light. Illumination is tailored to extremely close subject distances (less than 8") and can be varied from full to 1/4 output. May be used with nickel-cad battery, "D" cells or AC.

Viewfinder Ready-Lite Eyepiece

(Prod. No. 329) Attaches to finder eyepiece of Nikon F and Nikkormat. Enables user to check flash readiness without taking eye off camera finder.

Coil Synch Cord

(Prod. No. 377) Extends to 6 foot length for off-camera flash, has locking PC tip. Fits all electronic flash units with household-type cord socket.

5-Meter Extension Cord

SE-2 (Prod. No. 328) 16.5 feet long, serves to connect any two main units in multi-flash extension set-up.



Extreme Closeup Lighting

Typifies wide versatility of Nikon Electronic Flash System. Macro Ringlight SM-1 shown here provides ideal lighting for ultra closeup and macro work.