

WILSONWERKS ARCHIVES

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**Honeywell
Auto/Strobonar
110**

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Open this flap—*Leave this flap open for easy reference while reading through the instruction book.*

Instructions available in English, French, German and Spanish languages by request from the address listed below.

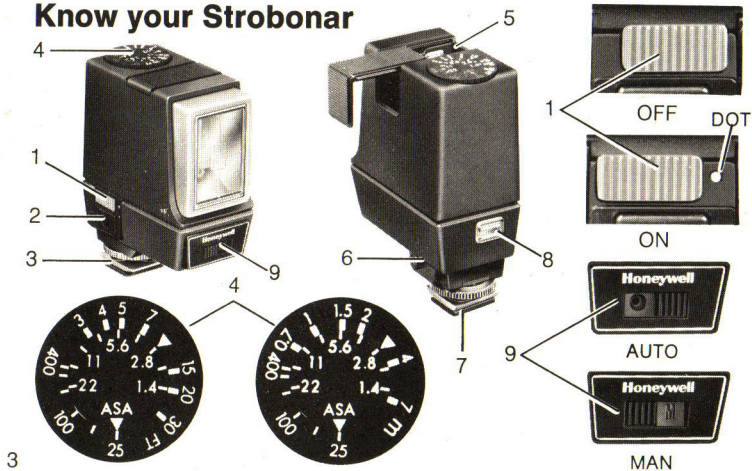
Pour obtenir la documentation en anglais, français, allemand ou espagnol, envoyez votre demande à l'adresse ci-dessous.

Anleitungen sind in folgenden Sprachen erhältlich: Englisch, Französisch, Deutsch und Spanisch. Diesbezügliche Anfragen, bitte, an nachstehende Adresse richten.

Si lo desea, puede solicitar instrucciones en inglés, francés, alemán y español a la siguiente dirección:

Honeywell CUSTOMER SERVICES · BOX 1010 · LITTLETON, COLO. 80120 U.S.A.

Know your Strobonar



Nomenclature

1. Battery Switch
2. Accessory Receptacle
3. Hot Center Contact
4. Calculator
5. Battery Compartment
6. Shutter Cord Receptacle
7. Mounting Foot
8. Ready Lamp
9. Auto-Manual Control

Major Features

Guide Number	...Automatic	.....not applicable
	...Manual (English)	...28 for ASA 25 (DIN 15) film
	...Manual (Metric)	...8.5 for DIN 15 (ASA 25) film
Automatic Operating Distance	.....2 to 11 feet	......6 to 3.3 meters
Angle of Coverage	.....50 degrees	horizontal and vertical
Color Temperature	.....	Approximately noon daylight
Flash Duration	...Automatic	.....1/50,000 to 1/3000
	...Manual	.....1/3000 Sec.
Automatic Sensor Angle	.....	About 20 degrees
Power Source	.....Two 1.5V Penlight (AA size cells) alkaline or nickel cadmium or optional AC charger accessory	
Recycling Time	.....	About 10 seconds on fresh alkaline batteries
Number of Flashes	.....	More than 100 flashes with alkaline batteries
Dimensions	.....2.5" x 1.4" x 2.8" (3.5" with foot)	
		63.5mm x 35.5mm x 71mm (89 with foot)
Weight	.....	Less than 5 ounces (142 grams)

How to insert the batteries

Your Auto/Strobonar 110 holds two 1.5 volt AA size batteries.

- To open the battery compartment, slide out the cover (5) on top of the unit.
- Insert the two batteries according to the diagram on the inside of the compartment. (Alkaline batteries are recommended).
- Slide the cover back to its original position.
- Slide the battery switch (1) to ON (dot visible). You will hear a faint whine indicating that the batteries have been installed properly.
- Set the battery switch to OFF (dot not visible).

CAUTION: *Always be careful to turn the switch to OFF when not using your Strobonar. If you plan not to use your Strobonar for extended periods, remove the batteries.*

How to attach to camera

Cameras with Hot Center Contact in the Accessory Clip:

Mount your unit into the accessory clip and tighten the locking nut. The unit will then operate through the contacts in the accessory clip.

Cameras with Flash Terminals:

Mount the unit into the accessory clip or attach a bracket. Tighten the locking nut. Connect the 100 jack on the shutter cord to the receptacle (6) and the PC connector to the X terminal of your camera.

How to set the shutter speed

Your unit is designed to operate with "X" flash contacts. If your camera has a between the lens shutter, it will synchronize at all speeds. If your camera has a focal plane shutter, it will synchronize only at slower speeds — generally up to 1/60 second. Check your camera instruction manual, or if in doubt, check with your dealer.

How to take pictures in automatic mode.

- Slide the Auto-Manual Control (9) so sensor is visible (the letter **M** not visible).
- Turn the calculator (4) until the ASA number (in blue) of the film you're using is opposite the blue triangle. Set your camera f/stop to the number opposite silver triangle on outer ring of calculator (4).

EXAMPLE: *If you're using a film speed of ASA 25, the proper f/stop to set on your camera is f/2.8.*

- Shift the battery switch (1) to ON (dot visible). Shoot your picture after the neon ready light (8) comes on. You will get good exposure if you keep your Auto/Strobonar within the automatic shooting range 2 to 11 feet or (.6 to 3.3 meters).

NOTE: *If your unit has been used infrequently or has not been used for some time, it may take longer for the ready lamp to come on for the first few flashes. This is a normal condition. After about 10 flashes, your unit should return to normal recycle time if the batteries are fresh. Your Strobonar thrives on frequent use. Use it often.*

How to take pictures in manual mode using calculator.

- Slide the Auto-Manual control (9) so the letter **M** is visible (sensor covered).
- Turn the calculator (4) until the ASA number (in blue) of the film you're using is opposite the blue triangle.
- Check the distance from your flash to your subject, using the camera range finder or some other convenient method.
- Set the f/stop on your camera that appears opposite the flash-to-subject distance on the calculator (4).
- Shift the battery switch to ON, dot visible.

EXAMPLE: *If you're using a film with a speed of ASA 25 (DIN 15) with a flash-to-subject distance of 7 feet (2 meters), the f/stop to set on your camera is f/4.0.*

- After the neon ready light (8) comes on, you may take your picture.

How to take pictures in manual mode using guide numbers.

- Slide the Auto-Manual control (9) so the letter **M** is visible (sensor covered).
- Find the guide number for the film you're using in the table below.
- Determine the flash-to-subject distance.
- Divide the guide number by the flash-to-subject distance to find the f/stop setting for average exposure; set this f/stop on your camera.
- Slide the battery switch to ON (dot visible), and take your picture after the ready light comes on.

EXAMPLE: *If you're using a film with a speed of ASA 25 (DIN 15) at a flash-to-subject distance of 7 feet (2 meters), the f/stop to set on your camera is f/4.0 (28 divided by 7 or 8.5 divided by 2). The nearest click stop on your camera is close enough for practical use.*

ASA	25	32	40	50	64	80	100	128	160	200	250	320	400
DIN	15	16	17	18	19	20	21	22	23	24	25	26	27
GUIDE NO. FEET	28	31	35	40	44	50	56	63	70	80	90	100	112
GUIDE NO. METERS	8.5	9.5	10.5	12.2	13.4	15.2	17.0	19.0	21.3	24.4	27.0	30.5	34

WARRANTY POLICY

Your new Honeywell Strobolar is warranted for one year against defects in material or workmanship. This covers either the original purchaser or the gift recipient. Any defect in your Strobolar will be repaired or replaced (at our option) and defective parts will be replaced without cost to you within the 12-month period, provided the Strobolar has not been abused, altered or operated contrary to instructions. Honeywell will not be liable for damages from delay or loss of use or other indirect consequential damages.

If your Strobolar should require service, you may send it to the most convenient factory center listed.

HONEYWELL SERVICE CENTERS:

HONEYWELL INC.
Photographic Service Center
5501 South Broadway
Littleton, Colorado 80120

HONEYWELL INC.
Photographic Service Center
141 The Old Arcade Bldg.
Cleveland, Ohio 44114

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Long Island City, New York 11101

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