

# Ricoh Speedlite 260P

Posted 7-14-'03

This camera manual library is for reference and historical purposes, all rights reserved.

This page is copyright © by [mike@butkus.org](mailto:mike@butkus.org), M. Butkus, NJ.  
This page may not be sold or distributed without the expressed permission of the producer  
I have no connection with any camera company

On-line camera manual library

This is the full text and images from the manual. This may take 3 full minutes for all images to appear.  
If they do not all appear. Try clicking the browser "refresh" or "reload button" or right click on the image, choose "view image" then go back. It should now appear.

To print, try printing only 3 or 4 pages at a time.

[Back to main on-line manual page](#)

**If you find this manual useful, how about a donation of \$3 to:**

**M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701**

**and send your e-mail address so I can thank you.**

**Most other places would charge you \$7.50 for a electronic copy or  
\$18.00 for a hard to read Xerox copy.**

**This will allow me to continue to buy new manuals and pay their shipping costs.**

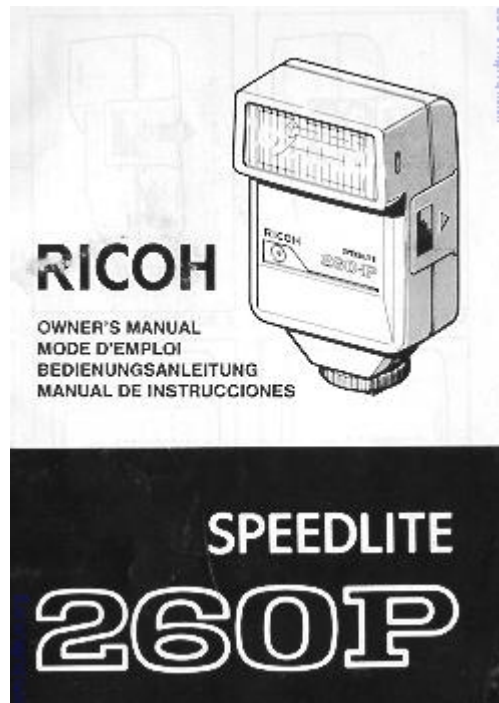
**It'll make you feel better, won't it?**

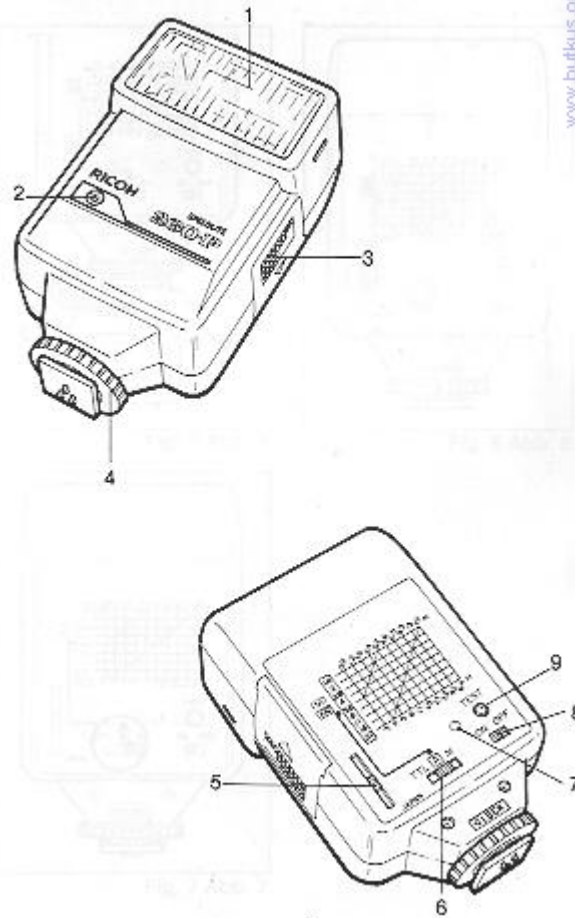
If you use Pay Pal, use the link below. Use the above address for a check, M.O. or cash.



Venmo is @mike-butkus-camera

[www.PayPal.me/butkus](http://www.PayPal.me/butkus)





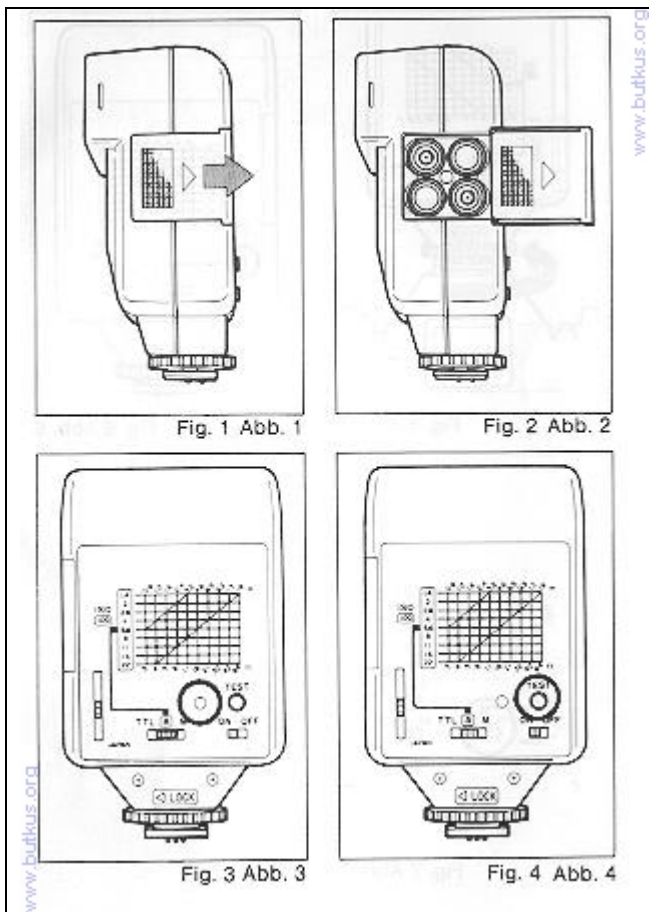
**DESCRIPTION OF PARTS**

1. Reflector	5. Film Speed Selector
2. Light Sensor	6. Mode Selector
3. Battery Compartment Cover	7. Ready Lamp
4. Lock Screw	8. Power ON/OFF Switch
	9. Test Button

**CONTENTS**

DESCRIPTION OF PARTS . . . 2	USING THE 260P WITH CAMERA
INSERTING THE BATTERIES. . . 3	OTHER THAN THE XR-P . . . 6
TESTING THE FLASH UNIT . . . 3	MANUAL FLASH PHOTOGRAPHY. . . 7
ATTACHING THE FLASH UNIT	FLASH IN DAYLIGHT . . . 8
TO THE CAMERA . . . 3	PROPER CARE OF YOUR FLASH . . . 8
WHEN USED WITH THE XR-P .. 4	SPECIFICATIONS . . . 9

## INSERTING THE BATTERIES -



1. Slide the battery compartment cover in the direction of arrow to open. (Fig. 1)

2. Insert four penlight (M size) batteries in accordance with the polarity diagram shown inside the battery compartment. (Fig. 2)

3. Close the battery compartment cover by sliding it back.

\* Generally, the performance of batteries drops in cold conditions. When the flash is used at a temperature lower than 0°C (32 F) warm the batteries and insert them just before shooting.

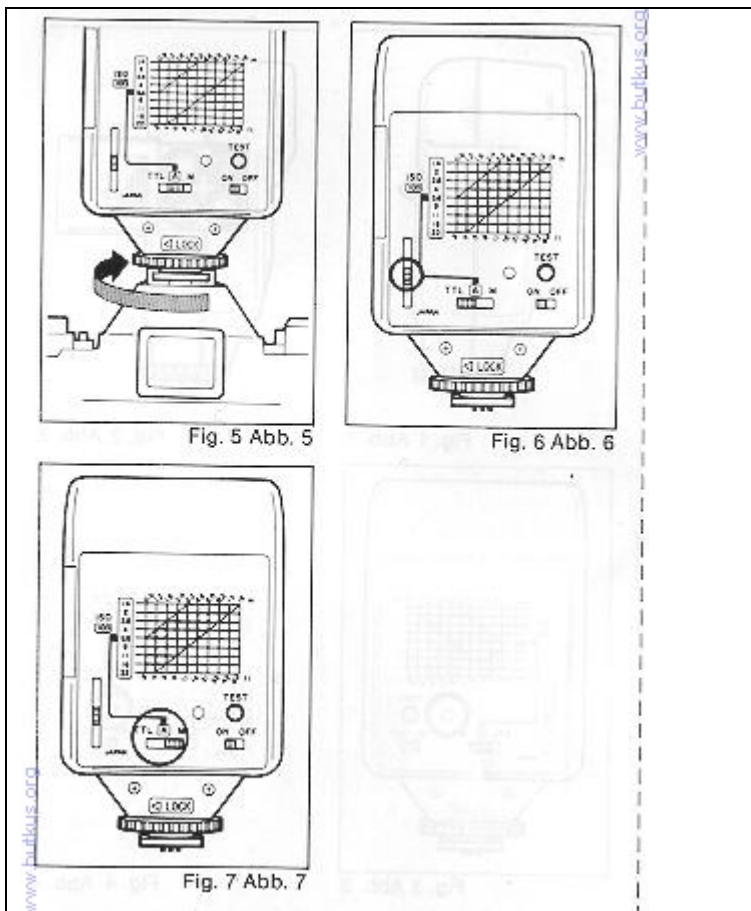
\* When the flash unit is not used for a long period of time, unload the batteries.

## TESTING THE FLASH UNIT

1. Turn ON the power with the ON/OFF switch. (Fig. 3)

2. The ready lamp lights up about 6 sec. later. (Fig. 3)

3. Push the test button and make sure that the flash unit operates. (Fig 4)



## ATTACHING THE FLASH UNIT TO THE CAMERA

1. Loosen the lock screw and insert the flash unit fully into the hot shoe of the camera. (Fig. 5)

2. Turn the lock screw in the **LOCK** direction to secure it. (Fig. 5)

\* Do not use the flash with other makes of cameras that have a special signal pin(s), as this will result in incorrect exposure or may even damage the camera circuitry.

## WHEN USED WITH THE XR-P

When the flash unit is used with the XR-P, the shutter speed and f-stop number are automatically set when the camera is set to program AE photography.

Flash photography is by a direct metering system and light is measured off the film plane to control the flash duration.

## (PROGRAM AE FLASH PHOTOGRAPHY)

1. Slide the film speed selector to set the speed of film you are using in the film speed window. (Fig. 6)
2. Set the Mode selector to "TTL". (Fig. 6)
3. Set the camera to the program AE photography.

Program	Automatic f-stop setting	Automatic flash range
PD	F5.6	0.9 - 4.6m 2.9' - 15'
P	F5.6	0.9 - 4.6m 2.9' - 15'
PA	F5.6	0.9 - 4.6m 2.9' - 15'

(ISO/ASA 100 film)

\* You can check the automatic flash range for any combination of f-stop and film speed by flashes built-in "FLOATING" scale.

4. When the flash is fully charged, the ready lamp lights up, and the flash ready light in the finder of the camera lights up.

#### **(APERTURE-PRIORITY AE FLASH PHOTOGRAPHY)**

With the XR-P, the TTL direct auto flash is available with all fstop numbers for total creative depth of field control. Use wider lens opening (F2.0, F2.8) to take a distant subject or to reduce flash charge time. Use smaller lens opening (F11, F16) to increase depth of field.

1. Set the desired f-stop number.

2. Set the shutter dial to "A".

#### **Automatic Flash Range at Each F-stop Number**

F-Stop	Automatic Flash Range at Each F-Stop Number
F 1.4	10.5' - 62'
2	7.9' - 42.6'
2.8	5.2' - 30.5'
4	3.9' - 21.3'
5.6	2.9 - 15'
8	2.9' -10.5'
11	2.9' - 7.9'
16	2.9' - 5.2
22	2.9 - 3.9'

(ISO/ASA 100 film)

\* The shutter speed can be changed to manual shutter speed (1/1 25 sec. or slower). If faster speed than 1/125 sec. is selected, the shutter speed is automatically set to 1/125 sec. at the moment the flash is fully charged.

\* When you use the TV mode to take TV images, the camera should be set to the proper TV mode photography according to the instruction booklet of XR-P. Turn OFF the power ON/OFF switch because TV images can not be taken if the flash unit is used.

#### **USING THE 260P WITH CAMERAS OTHER THAN THE XR-P**

The 260P can be used with cameras other than XR-P as an auto flash, however, auto flash control is done by the sensor on the flash unit and direct off the film metering is not available.---

1. Set the Mode selector to "A".

2. Set the F-stop referring to the following table.

3. Set the shutter speed to the synchronizing speed of your camera. (Ricoh, KR-10 Super, XR-7, can be used with shutter dial set to "A" and XR-20SP/KR-30SP to "P" or "SP".)

## MANUAL FLASH PHOTOGRAPHY

1. Set the Mode selector to "M". (Fig. 7)
2. Set the shutter speed to 1/125 sec. or lower depending upon the cameras recommended flash synchronization speed.
3. Focus on the subject, and read off the distance from the camera to subject.
4. Calculate the correct f-stop using the following formula. Guide Number 26 (85) Distance 6.5m (21.3ft)

For example, when the distance is 6.5m (21.3ft) and ISO/ASA 100 is used, the correct f-stop is 4.

Guide number changes according to the speed of film

## FLASH IN DAYLIGHT

When the subject has strong background lighting, dark pictures (faces, etc.) may be produced. Properly lit pictures can be obtained by using flash even in daylight. This is known as "fill-flash". When the 260P is used on the XR-8 pro daylight flash can be easily accomplished even by beginners.

1. Set the Shutter dial to "A".
2. Turn the F-stop number to position the Shutter speed indicator at 1/125 sec.
3. When fully charged, the flash ready indicator lights in the camera viewfinder and shutter speed is set automatically to 1/125 sec. Then, the f-stop number is displayed in the viewfinder. Now you can shoot if you don't see an overexposure mark.

\* The shutter speed dial set to "A" can be changed to manual shutter speeds (1/1 25 sec. or lower). Use longer manual speed to give correct exposure to the background in a room or other dark condition.---

## PROPER CARE OF YOUR FLASH

\* Even if you do not use the flash for an extended period of time, it should be tested from time to time in order to properly maintain the condenser.

\* A high voltage is generated in the circuitry. It is very **dangerous** to take it **apart** or to touch the inside of **the** flash unit. It should be taken to a camera dealer or a recognized Ricoh service station for all repairs.

\* Avoid exposing the flash unit to dust, humidity, rain, seawater, etc.

\* Do not leave it in hot or humid condition such as direct sunlight, as this will cause malfunction of the flash unit.

\* Clean the body of the flash unit with a dry soft cloth. Never use solvent such as thinner, benzine, etc.

## **SPECIFICATIONS**

**Type:** Thyristorized TTL direct automatic flash unit with nonTTL automatic capability

**Attachment System:** Clip on type

**Camera Contact:** Cordless direct contact via hot shoe

**Guide No.:** ISO 100-26 in meters; 85 in feet

**Flash Modes:** TTL direct automatic, non-TTL automatic and manual (automatically set by the camera to be used)

### **Camera Control:**

[Program AE Model] Both shutter speed and F-stop is automatically set at 1/125 see, F5.6/ISO 100

[Aperture Priority AE Mode] Shutter speed is automatically set at 1/125 see, set F-stop manually at any F-stop (F1.4-F22 for TTL direct, and at F5.6/ ISO 100 for non TTL strobe AE camera)...

### **Automatic Flash Range-ISO 100**

F-stop Distance (ISO100)

1.4 3.2-1 9m (10.5-62.5ft)

5.6 0.9-4.6m (2.9-15ft)

22 0.9-1.2m (2.9-3.9ft)

**Angle of Light Received:** [1TTL Direct] Angle of the lens used. Non TTL 18°

### **Number of Flashes: [full power in manual mode]**

About 200 with Alkaline batteries

About 90 flashes with Nickel Cadmium batteries

About 55 flashes with Manganese batteries

**Recycling Time:** About 6 sec. with Alkaline batteries in manual mode

**Color Temperature:** Same as daylight, suitable for color film

**Angle of Coverage:** 45° vertically, 60° horizontally (to cover 35mm wide angle lens)

**Batteries:** Four (4) penlight batteries (Alkaline batteries are recommended, Ni-Cd batteries can be used)

**Others:** Flash ready signal contact, TTL direct contact, flash test button

**Dimensions:** 66 (W)x110 (H)x49 (D) mm...

**Weight:** 170g without batteries