

# Chinon Auto S-180

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

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

[www.butkus.us](http://www.butkus.us)

**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 help me to continue to host this site,  
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.**



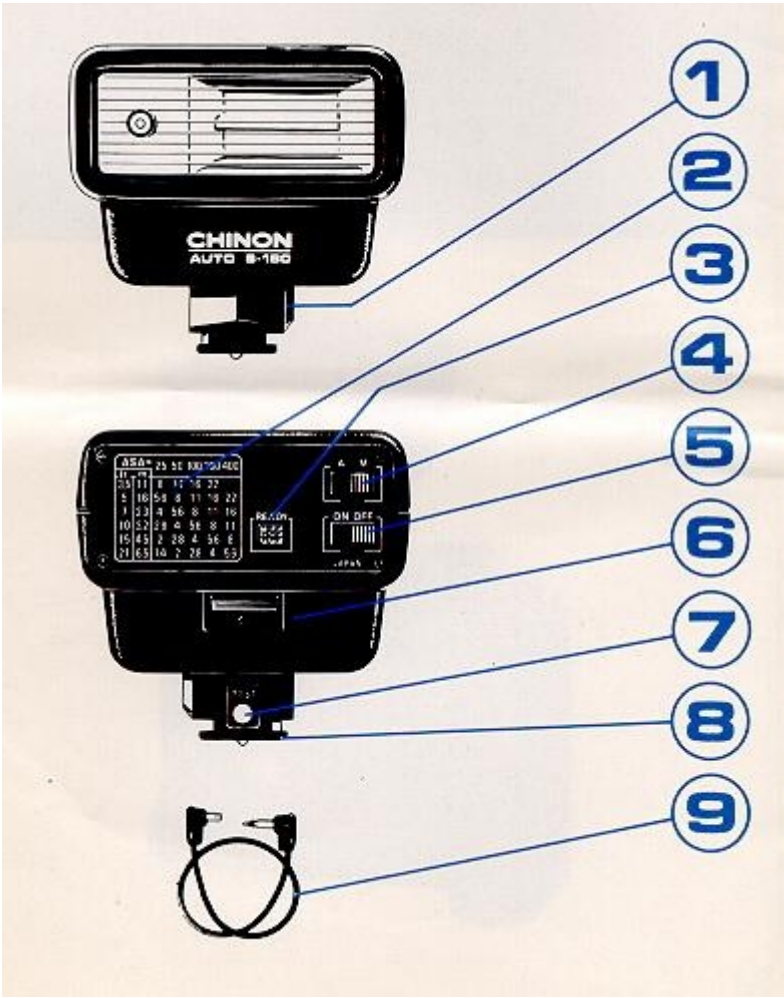
[www.PayPal.me/butkus](http://www.PayPal.me/butkus)

Venmo @mike-butkus-camera Ph. 2083

---



We thank you for selecting Chinon flash unit.



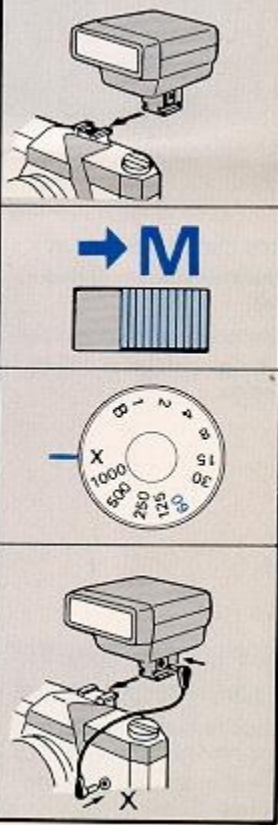
1	Synchro Cord Socket Synchro-Kabel-Fassung Prise du fil de Synchronisation Conexión para el cable de sincronización
2	Distance Guide Entfernungsrechnung Calculateur de Distance Cálculos de Distancias
3	Ready Lamp Bereit-Lampe Lampe Témoins Luz de Preparado
4	Auto-Manual Control Switch Auto-Manuell-Kontrollschalter Commutateur de réglage auto-manuel. Conmutador de control para automático y manual
5	On/Off Switch On/Off Schalter Interrupteur On/off Interruptor de encendido On/Off
6	Battery Compartment Cover Batteriefachdeckel Couvercle du compartiment des batteries Cubierta del compartimiento de las baterías
7	Test Button Prüfknopf Bouton d'essai Botón de prueba
8	Mounting Foot Anschlussfuss Pied de Montage Zapata de Montaje
9	Synchro Cord Synchro-Kabel Filde Synchronisation Cable de sincronización



Remove Battery Compartment Cover and insert AA size batteries according to the diagram inside.

Close the battery compartment cover.

**Caution:** Incorrect insertion of the batteries will prevent proper operation of the flashlight, and may cause damage!



Insert the Mounting Foot of your flash into the camera's accessory Shoe Clip.

Set the Auto-Manual Control Switch to manual marked "M ".

Set the shutter speed of your camera to the proper setting for electronic flash use, or to 1/60 seconds. (Ready your camera owner's manual for details on the flash synchronization.)

If your camera has a hot shoe contact, your flash is now fully synchronized with the camera through the center contacts in the camera's shoe in this case the Synchro Cord is not necessary.



ASA		25	50	100	200	400
ft	m					
3.5	1.1	8	11	16	22	
5	1.6	5.6	8	11	16	22
7	2.3	4	5.6	8	11	16
10	3.2	2.8	4	5.6	8	11
15	4.5	2	2.8	4	5.6	8
21	6.5	1.4	2	2.8	4	5.6

If the camera has not the hot shoe contact, use the Synchro Cord which comes with your flash unit.

Switch the flash unit on and take a picture after the Ready Lamp glows. The flash picture taking distance is indicated on the Distance Guide.

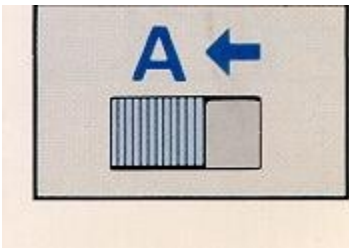
Formula for f-stop: Use this handy formula for figuring out the f-stop.

Guide Number - divided by - Distance = Lens Aperture (F-stop)

Ex. When using a ASA 100 film and standing 4.5m from a subject.

Set the lens f-stop to f4, (18 / 4.5 = 4).

Guide number is shown in Specification on the last page of this instruction manual.



ASA		25	50	100	200	400
ft	m	8	11	16	22	
3.5	1.1	8	11	16	22	
5	1.6	5.6	8	11	16	22
7	2.3	4	5.6	8	11	16
10	3.2	2.8	4	5.6	8	11
15	4.5	2	2.8	4	5.6	8
21	6.5	1.4	2	2.8	4	5.6

When used for automatic flash photography, your flash automatically controls light output and sets the correct exposures for the subject within the automatic range. Once you set the aperture (f-stop) on your camera, there is no need to change it again while taking pictures within the available automatic range.

Set the Auto-Manual Control Switch to Auto marked "A".

Consult the exposure table on the back of your flash. The lens aperture of BLUE colored row are to be set according to the distance and the ASA or DIN film speed corresponding to the film in your camera. (EX: ASA 400, set your aperture to F8)

Slide the On-Off switch to "ON" and focus your camera. Take the picture after the Ready Lamp glows. {Note: If you have a flashmatic camera, you cannot use the automatic operation but have to follow the manual operation.)

The use of flash eliminates squinting and shadows and help bring out natural facial expressions on the subject. When taking pictures, avoid shooting into highly reflective surface like mirrors glass or glittering water.

If you have to shoot a subject with such reflectors behind, use the automatic operation for flash or shoot from a different angle so that any reflections do not directly go into the camera lens.



When not in use, switch the unit off. Take the batteries out when the flash unit is being stored or when it will be stored during a long time.

Keep your flash unit away from dust and moisture to prolong its life. It is a good idea to bring out your flash unit from storage and "TEST FLASH" it (about 10 times) once or twice a month.

Do not use Nickel Cadmium battery. (Webmaster: the new Alkaline rechargeables are fine)

Do not try to open or repair your flash unit since the electric circuit inside carries a high voltage. If your flash needs repair or does not work correctly, take it to where you bought it from. Opening the unit voids the warranty.

**Specifications** Specifications subject to change without notice.  
**Technische daten** Änderungen vorbehalten.  
**Caractéristiques techniques** Sous réserve de modifications  
**Datos técnicos** Las especificaciones pueden ser sometidas a cambios sin aviso previa

\* with alkaline batteries      avec piles alcalines  
mit alkalischen Batterien      con baterías alcalinas

Guide Number Leitzahl Nombre-guid Número guía	60 (ASA 100, feet) 30 (ASA 25, feet) 18 (21 DIN/100 ASA, m) 18 (21 DIN/100 ASA, m) 18 (21 DIN/100 ASA, m)	
Automatic Operation Automatische Bedienung Opération automatique Funcionamiento automático	3.5 ft—15 ft (1.1m—4.5m)	(100 ASA)
Angle of Illumination for Leuchtwinkel für Angle d'éclairment pour Angulo iluminado para	35mm lens	
Power Source Stromversorgung Alimentation Fuente de energía	2	AA size 1.5 v batteries AA Größe-1.5 v-Batterie AA Cellule de 1.5 v des piles AA Cell de 1.5 v las baterías
Flash Duration Blitzdauer Durée de l'éclair Duración de destello	Automatic 1/30,000—1/1,500 Manual 1/1,500	sec. sek. sec. seg.
Recycling Time Blitzfolge Cadence des éclairs Secuencia de destellos	0.5—30* (Auto) 12—30* (Manual)	sec. sek. sec. seg.
Number of Flashes Blitzzahl Nombre d'éclairs Número de destellos	150* (Manual)	
Dimensions Abmessungen Dimensions Dimensions	2"x2-3/4"x3-1/4" (51x69x82mm)	w/o bracket ohne Zubehörklemme sans le support sin el soporte
Weight Gewicht Poids Peso	5.6 oz (160 g)	w/o Batteries ohne Batterien sans pile sin baterías