

Chinon

Power Winder 540

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Dear CHINON Customer:

Congratulations! You have just purchased the world's most advanced and sophisticated 35mm Power Winder designed exclusively for CHINON compact SLR cameras.

This remarkable accessory, in application, will open up new horizons of creative photography for you. Every aspect of sequential motorized is now a reality due to the revolutionary concept of utilizing electronic minaturization....

This remarkable winder represents the culmination of years of extensive research and development from the world's finest engineers. To derive the utmost performance from your CHINON Power Winder, we recommend that you study this booklet carefully.

We wish you many enjoyable and productive photographic experiences with your CHINON equipment.

SPECIFICATIONS

Camera

CHINON CE-4

Winding Speed

Approx. 0.5 sec.

Shutter Speed Range

CHINON CE-4

Single 8 -1/1000 sec.

Continuous 1/2 -1/1000 sec.

C/S DIAL

Power Source - OFF _

Single Frame - S ; Continuous - C

Power Source

6V 4 AA (Penlite) Alkaline Batteries (By one touch detachable battery container)

Indication Lamp

Red Indicator Lamp for "S" and "C"

Battery Life (Number of films)

Minimum 20 cartridges (36 Exposure) at Room Temperature

Shutter Release

Activated with Camera Shutter

Release Button or Winder Shutter

Release Button

Remote Control

2.5 mm Mini-Jack, Remote-Control
Accessory Switch is available

Attach to the Camera

Screw-in to the tripod socket in the camera with guide pin channel

Others

Action Lamp (Red LED)

Computerized Auto-Stop device when the film is finished

Size

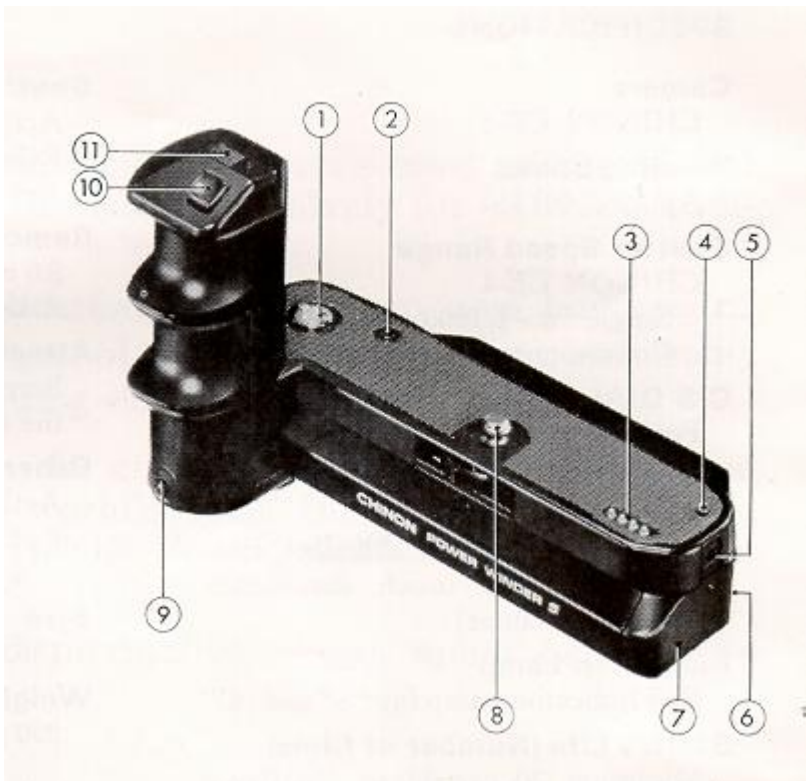
136.0 (L) X 88.5 (H) X 76.0 (W) mm

Weight

230 g.

NOMENCLATURE

1. Film Winder Coupler...
2. Rewinding Pin
3. Electrical Pin Connectors
4. Guide Pin
5. Remote Control Socket



6. Battery Container Detachable Button

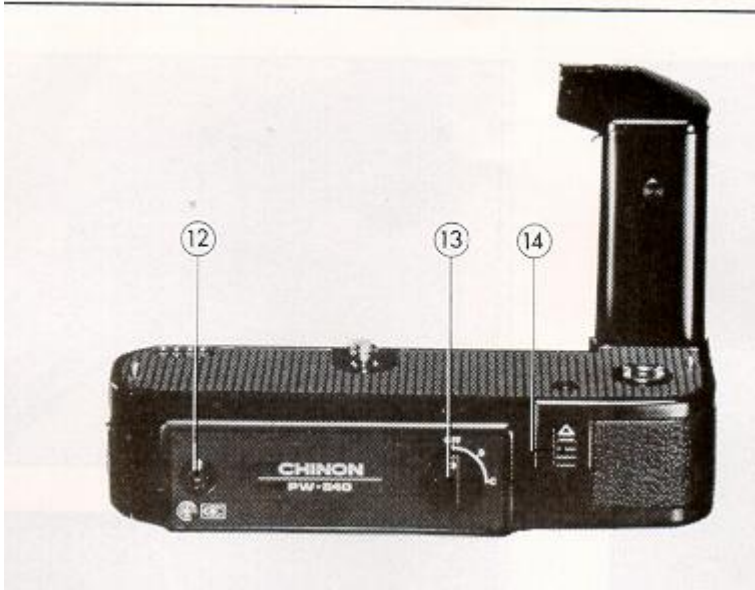
7. Battery Container

8. Attachment Screw

9. Action Lamp

10. Shutter Release Button

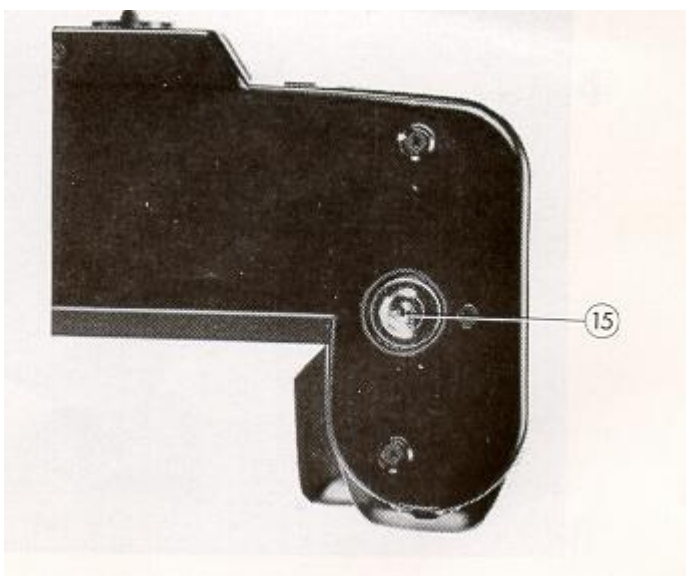
11. Shutter Release Lock



12. C / S Indicator Lamp

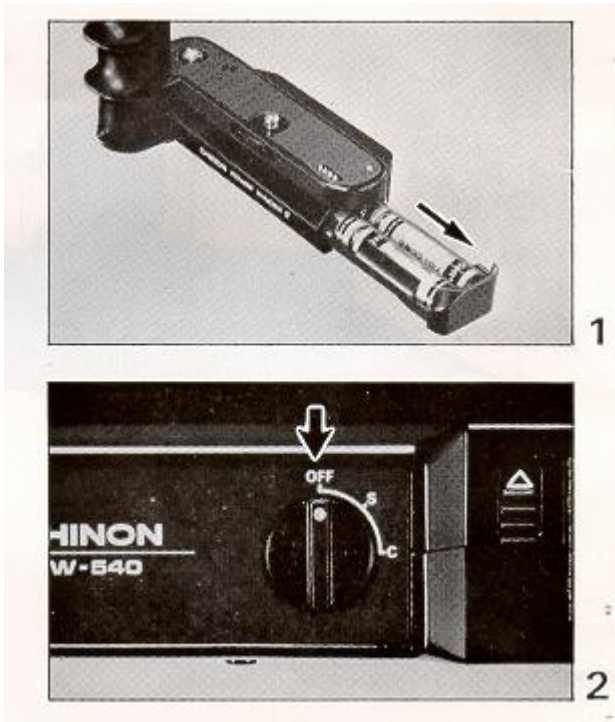
13. C / S Dial

14. Rewind Lever 15. Tripod Socket

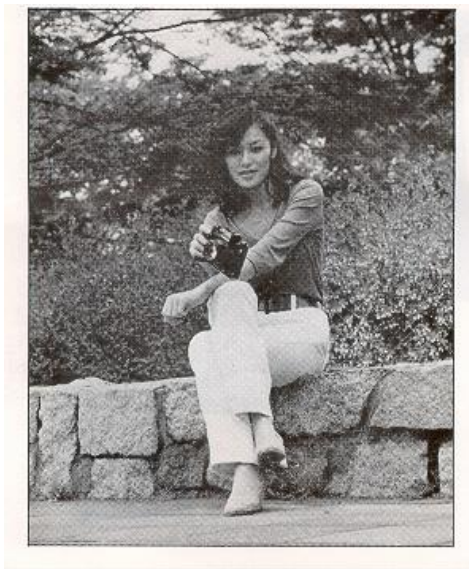


INSTALLING THE BATTERIES

1. Remove the Battery Container (7) from the side of the Power Winder by depressing the battery container detachable button (6) downward toward the arrow indication and sliding the container until it is separated from the winder...



2. Load the Battery Container with four (4) AA size (Penlite) 1.5 volt Alkaline Batteries. The correct positioning of the positive (+) and negative (-) ends of each battery is shown in the container. When a fresh set of batteries are installed, a minimum of 20 rolls of 36 exposure films can be used at room temperature. Replace with a fresh set of batteries when the motor in the power winder stops running.



If the motor stops during the film transport, it indicates that the batteries have insufficient power to drive the motor. Immediately, replace the batteries with a fresh set.

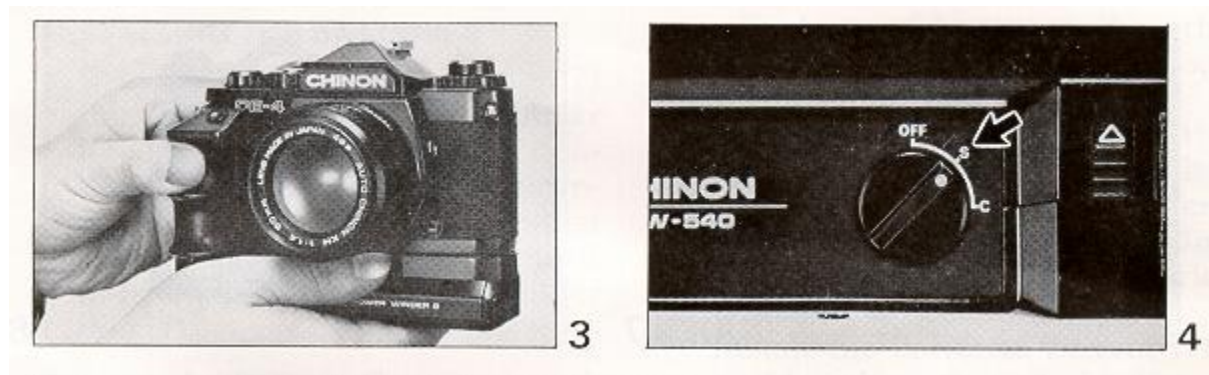
Install the batteries correctly to avoid malfunction of the Power Winder and to avoid the possibility of the batteries leaking.---

NOTE: Always remove the batteries when the power winder is not in use for a long time. When replacing batteries all four (4) batteries must be replaced.

ATTACHING TO THE CAMERA

ATTACHING TO THE CAMERA

1. The C / S Dial should be turned to the off position (Fig. 2).
2. Insert the guide pin (4) into the pin receptacle located on the bottom of the camera. Align the attachment screw (8) to the tripod socket of the camera and rotate the attachment screw clockwise until the Power Winder is securely fastened to the camera body (Fig. 3).



ADVANCING THE FILM

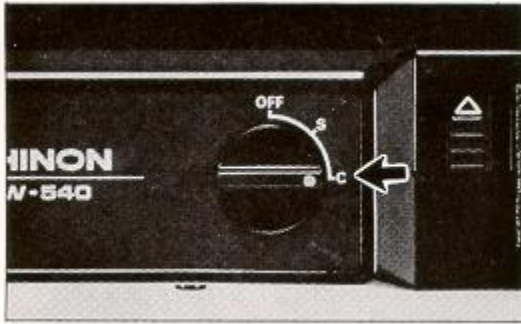
Normal Use

1. Set the C / S Dial to the "S" (single frame exposure) position (Fig. 4)
2. Each time the shutter release button is depressed single frame shooting will result. The film will automatically be advanced one frame and the shutter will be cocked ready for the next exposure.

Remarks: The shutter can be released by depressing the shutter release button on the camera body or the shutter release button on the winder grip.---

Continuous Use

1. Set the C / S Dial to the "C" (continuous) position (Fig. 5).
2. Continuous shooting will result as long as the shutter release button is depressed.



3. The actual frame per second rate will depend on such factors as the interval timer and the pre-set counter.

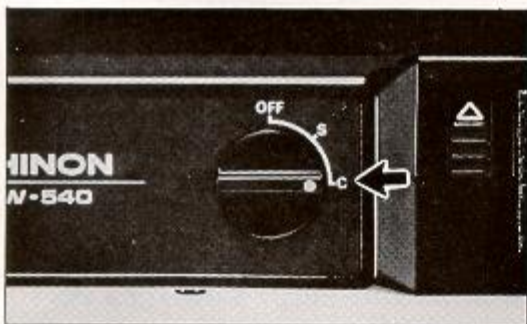
See "Interval Timer" and "Pro-set Counter" for further explanation.

ACTION LAMP

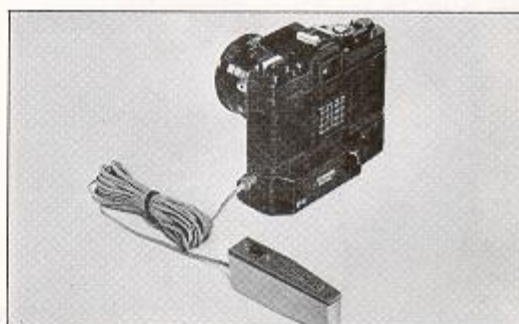
The Chinon Power Winder employs an electronic LED (red) which illuminates when the shutter is tripped and during the instant the film is automatically advanced. This action light confirms that the Power Winder and camera are functioning properly....

REMOTE CONTROL

Remote control photography can be accomplished with your new Power Winder by means of the special remote control accessory switch available from your CHINON dealer. (Fig 6).



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6

1. Set the C / S Dial (13) to the off position.

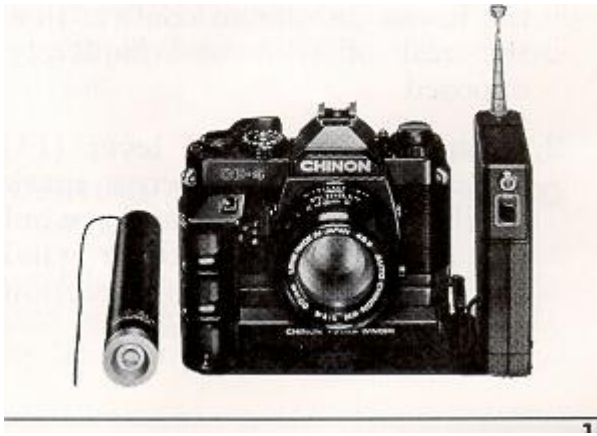
2. Set the remote control switch to the off position and plug it into the remote control socket (5) of your Power Winder.

3. Set the C / S Dial (18) to either the "C" or "S" position.

C / S Dial set at the "S" position

For single frame exposure, the Remote Control switch is set to the on position. A frame will be exposed each time the remote control switch is turned on...

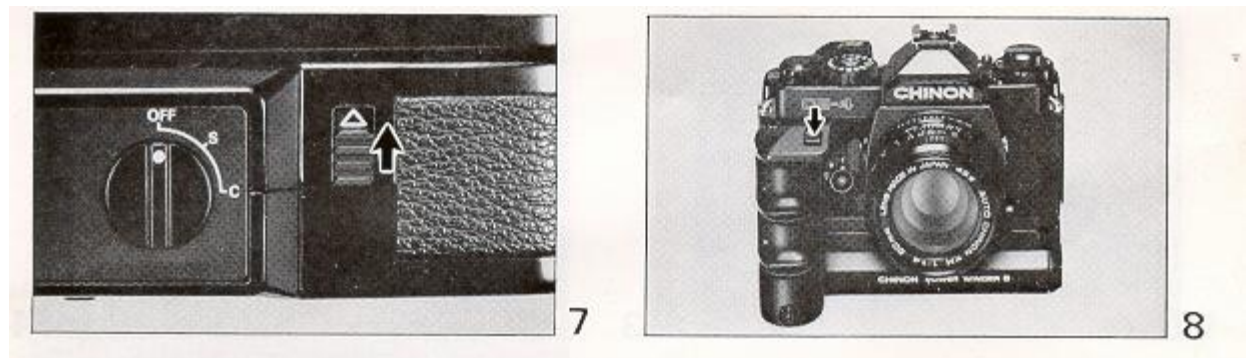
NOTE: If you use the Chinon Wireless Controller which is available as an optional accessory, you can control this Power Winder remotely at a distance of approx. 40 meters (13.12 Ft.).



REWINDING THE FILM

1. Your Chinon Power Winder has a built-in automatic stop device which is activated at the end of the roll of film. When the automatic stop device is activated the film should be completely exposed. It is recommended to check the frame counter to confirm that the roll of film is completely exposed.

2. Push up the rewind lever (14) as indicated by the arrow mark on the Power Winder and rewind the film by turning the rewind crank in a clockwise direction on the camera (Fig. 7).



CONTINUOUS SHOOTING LOCK

3. Process the film without delay. When used for continuous shooting with Remote Control Unit, the shutter release button can be pressed down and locked for continuous shooting (Fig. 8)

CAUTIONS

1. The batteries will weaken if the Power Winder is not used for a long period of time or at low temperatures. It is recommended to replace the batteries or use the unit at normal room temperatures.
2. When new film is loaded in the camera, advance the film manually for one frame or re-set the C / S Dial.
3. If the Power Winder is not in use, the C / S Dial should be returned to the off position. If the Power Winder is not in use for a long period of time, remove the batteries from the unit.
4. The C/S Dial on the power winder should be set with clicked position.

MOUNTING THE POWER WINDER TO A TRIPOD

The Chinon Power Winder is provided with a tripod socket so that it may be secured to a tripod (Fig. 9).

