

**ASAHI
PENTAX**

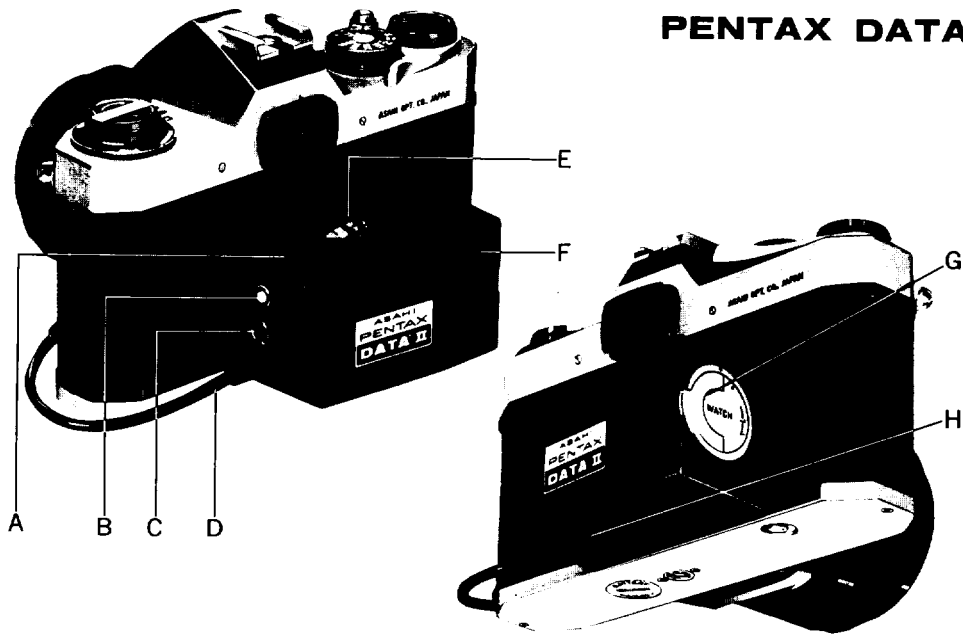
DATA II

**OPERATING
MANUAL**

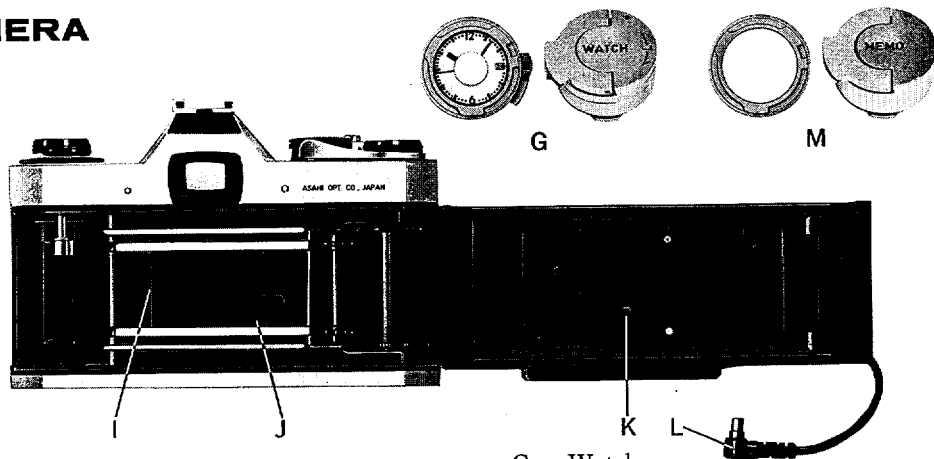
英文說明書



PENTAX DATA II



CAMERA



- A — Pilot lamp
- B — Battery checker button
- C — Out-power input socket
- D — Connection cord
- E — ASA ring
- F — Data record housing

- G — Watch
- H — Battery housing cover
- I — Film frame
- J — Light shield
- K — Data record window
- L — Connection cord
- M — Memo carriage

The Pentax DATA II camera has a specially made detachable back with a data record housing. The reading of the watch built in this housing plus written data on the data sheet are projected onto the film for recording at a corner of the film. For photographically recording:

Status of construction projects

Accident scenes

Scientific and motion studies

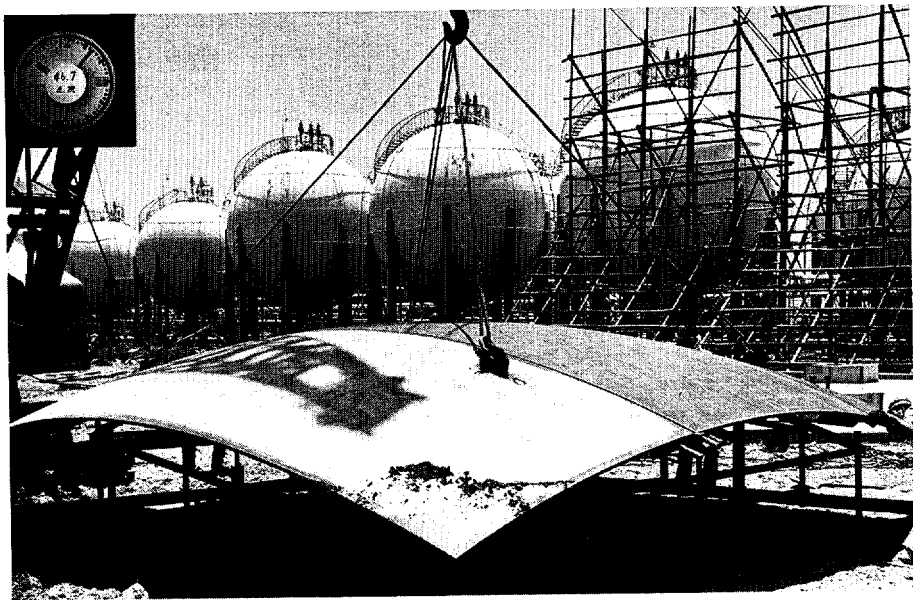
Growth of plants and animals

Children

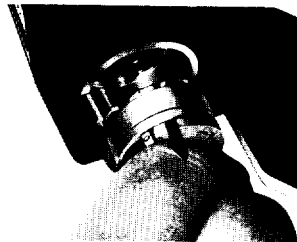
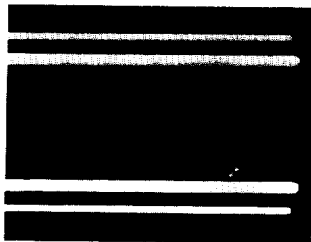
Series of events

And many other important events

With the time the photograph was taken (date, hour, minute & second) plus whatever other data you may like to add.



OPERATION

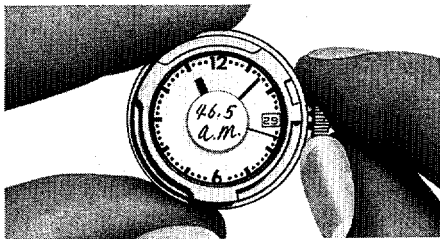


1. Put down the light shield.

Before film loading, open the back and put down the light shield to the left. This prevents the light from the lens from reaching the square portion of the film covered by this plate. The data projected from the built-in watch are recorded on this square portion from the back of the film.

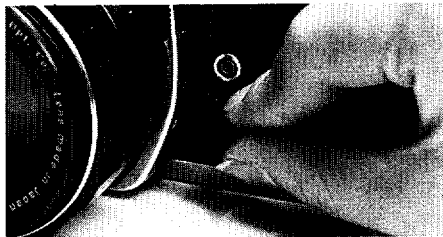
2. Remove the watch.

Remove the watch as illustrated by turning its handle counter-clockwise. When you turn it to where the two red dots face each other, its bayonet will come off. When inserting the watch, match the two red dots, and turn the handle clockwise as indicated by the arrow and "L" (lock).



3. Set the time and date.

The watch is a 24-hour wind calendar type. For winding, turn the stem to the right. Pull it first and turn it for setting the time. Pull it further for setting the date. On the white center sheet, you may write the year and month (or other data) with a lead pencil for later erasure. Instead of recording the watch reading, you may paste a small memo sheet over the memo carriage for recording other data. Replace the watch with the memo carriage.



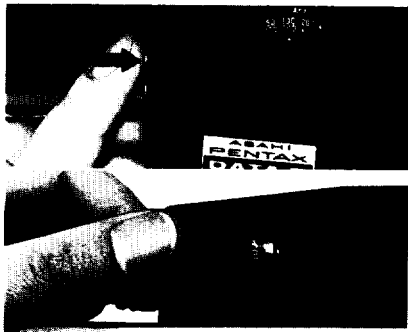
4. Electrical connection and pilot lamp.

After loading your film, close the camera back firmly. Plug the end of the cord coming out of the data record housing into either the X or FP flash terminal of the camera body. When you release the shutter while making 2 blank exposures after film loading, the lamp should light indicating that the electrical circuit and the battery are OK. The lamp will light whenever you release the shutter.



5. Set the ASA speed.

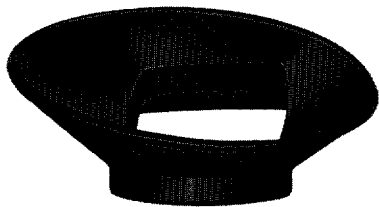
Turn the ASA ring and set the ASA speed of the loaded film. Use the white scale for black-and-white film; orange scale for color film. Be sure to set the ASA ring properly, or the data may not be exposed properly on your film. (ASA range: 50~400 for black-and-white; 100~800 for color).



6. Battery check and replacement.

To check the battery, depress the battery checker button. If the battery is OK, the lamp will light. If not, open the battery housing and replace the battery. Insert a new battery **CORRECTLY** as indicated.

(For your own protection, do not throw a dead battery into fire. It may explode! Also, keep it away from the access of small children.)

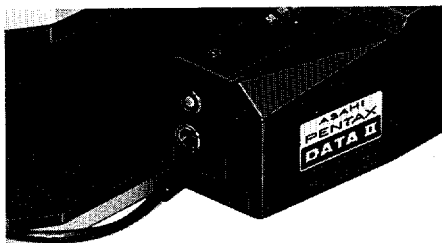


7. When not recording data.

Erect the shield plate to the right, and remove the connection cord from the flash terminal. The camera is now ready for normal picture taking.

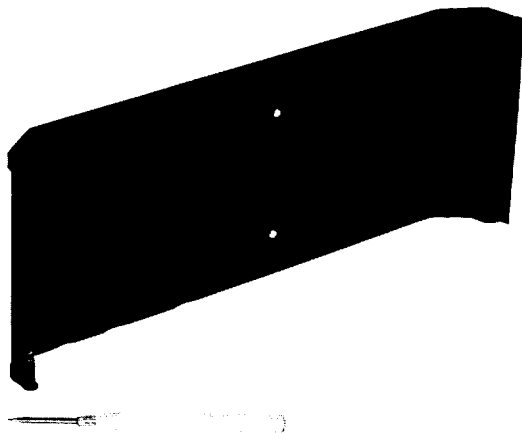
8. Eye cup.

This eye cup placed over the viewfinder frame will prevent unwanted light from entering the viewfinder.



9. Out-power connector.

When using the data record housing under temperature below -5°C , use the separate out-power connector cord with a battery box. It is available as a separate accessory. Take the battery out, and put it into this connector box. Keep the battery warm, putting the connector box in your shirt pocket.



Detachable back.

Open the camera back fully. As illustrated, insert a small screwdriver between the back hinge and the light shield, and push down the engaging lever (not visible) toward the camera's base plate. The shaft of the hinge will come off and the back can be removed as illustrated. For proper operation, it is recommended that you have this demonstrated by authorized Pentax distributors.



Standard camera back.

The back with the data record housing is detachable for replacement with a standard camera back (or a 250-exposure magazine back for Pentax Motor Drive). When using the camera with a standard back, be sure that the light shield is erected. These camera backs are available from authorized Pentax distributors.



Battery.

Use an EVEREADY #544 6V silver battery (same as used in the Pentax 6x7) available from many dealers.



Special soft case.

A special soft case for the Pentax DATA II camera. You can easily remove the case cover on the data record housing, or you can keep it on and uncover the top/front portion of the case.



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