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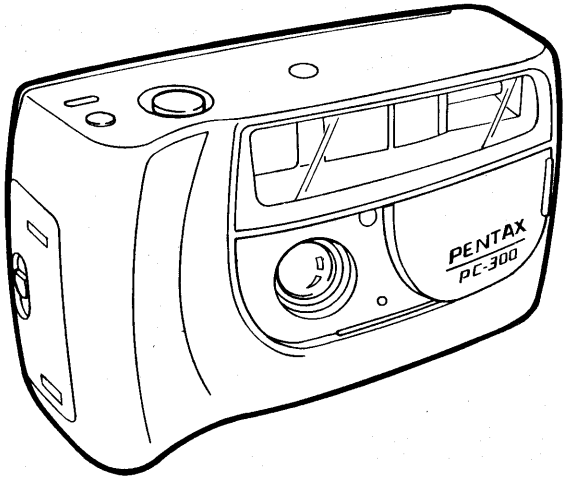
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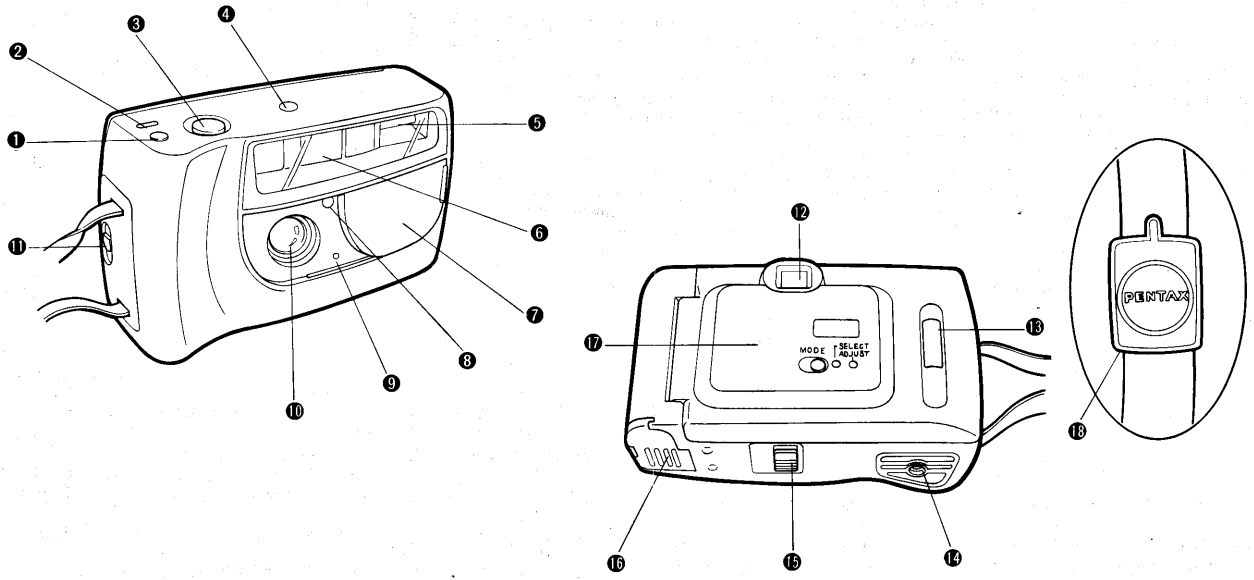
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PENTAX®

PC-300
PC-300 DATE



Operating manual
Bedienungsanleitung
Mode d'emploi
Manual de instrucciones
Manuale d'istruzioni
用戶備用手册



NAMES OF PARTS

❶ Self-timer Button
❷ Auxiliary Rewind Button
❸ Shutter Release Button
❹ Film Counter
❺ Built-in Flash
❻ Viewfinder Window
❼ Lens Protector
❽ Self-timer/Red-eye Reduction Lamp
❾ Light Sensor Window
❿ Lens
⓫ Back Cover Release Lever
⓬ Viewfinder Eyepiece
⓭ Film Information Window
⓮ Tripod Socket
⓯ Red-eye Reduction Flash Switch
⓰ Battery Chamder Cover
⓱ Back Cover
⓲ Adjuster

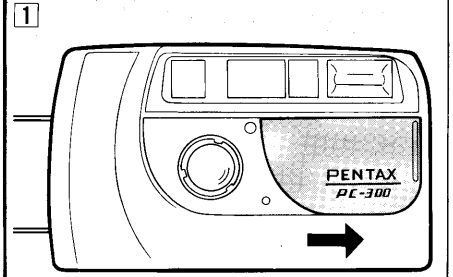
BEZEICHNUNGEN DER TEILE

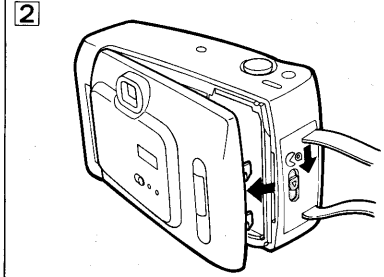
❶ Selbstauslösertaste
❷ Filmrückspulknopf
❸ Auslöser
❹ Bildzählwerk
❺ Eingebauter Blitz
❻ Sucherfenster
❼ Objektivschutz
❽ Selbstauslöser/Vorblitz-Lampe
❾ Meßzelle
❿ Objektiv
⓫ Rückwandentriegelung
⓬ Sucherokular
⓭ Filminformationsfenster
⓮ Stativgewinde
⓯ Vorblitzschalter
⓰ Batteriefachdeckel
⓱ Rückwand
⓲ Einstellstift

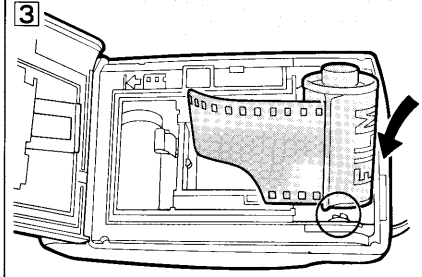
DESCRIPTIF TECHNIQUE

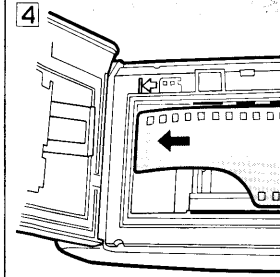
❶ Bouton du retardateur
❷ Bouton de rebobinage auxiliaire
❸ Déclencheur
❹ Compteur de vue
❺ Flash incorporé
❻ Fenêtre du viseur
❼ Volet protecteur d'objectif
❽ Retardateur/éclair de réduction
❾ Cellule
❿ Objectif
⓫ Levier d'ouverture du dos
⓬ Oculaire de visée
⓭ Fenêtre d'information sur la pellicule
⓮ Ecrou de pied
⓯ Touche flash réduction des yeux rouges
⓰ Couvercle du longement de pile
⓱ Dos
⓲ Ajusteur

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Power Switch
The power is turned on by opening the lens protector. (See figure 1 .)

Film Loading
DX-coded film with ISO ratings from 100 to 400 can be used. Camera film speed is automatically set when the film is inserted.
* Camera film speed is set to ISO 400 when ISO 400 or faster films are inserted and set to ISO 100 when films slower than ISO 400 are inserted.

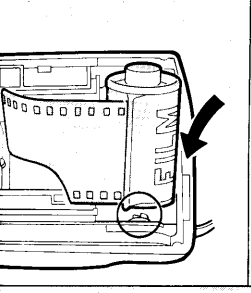
Do not expose the film to direct sunlight when it is inserted.

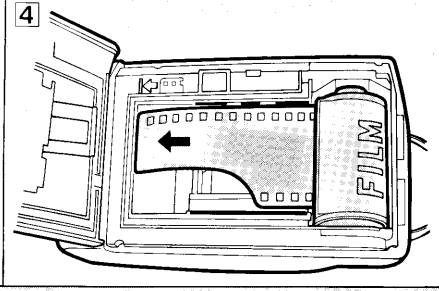
1. Press down the back cover release lever to open the back cover. (See figure 2 .)
2. The film can easily be loaded by fully inserting the lower end of the film cartridge first and then inserting the top end. (See figure 3 .)
3. Align the film leader with the film load mark. (See figure 4 .)
   * Insert the film between the guide rails and remove any slack.
4. Close the back cover. (See figure 5 .)
5. Open the lens protector and press the shutter button once to automatically load the film and "1" is displayed in the film counter. If "1" is not displayed, the film has not been loaded properly. Load it again. (See figure 6 .)

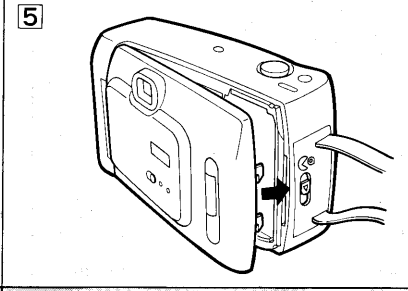
Hauptschalter
Der Strom wird durch Öffnen des Objektivschutzes angeschaltet. (siehe Abbildu

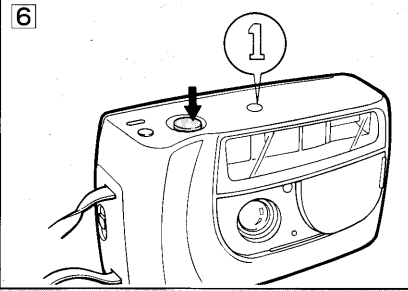
Filmeinlegen
Filme mit DX-Codierung im Bereich von 100 bis 400 ISO können verwendet werden
findlichkeit wird automatisch beim Einlegen des Films eingestellt.
* Wenn Filme mit einer Empfindlichkeit von ISO 400 oder mehr eingelegt werden, w
  auf ISO 400 gestellt, und wenn Filme unter ISO 400 eingelegt werden, auf ISO
Die Filmpatrone nicht im direkten Sonnenlicht in die Kamera einlegen.

1. Die Rückwandentriegelung nach unten drücken, um die Rückwand zu öffnen. (si
   2 .)
2. Die Filmpatrone mit der Unterseite zuerst einlegen (siehe Abbildung 3 .)
3. Den Filmvorspann mit der Filmeinzugsmarkierung ausrichten. (siehe Abbildung
   * Den Film zwischen den Führungsschienen einlegen und straff aufwickeln.
4. Rückwand schließen. (siehe Abbildung 5 .)
5. Objektivschutz öffnen und den Auslöesr einmal drücken, um den Film au
   laden. Das Bildzählwerk zeigt eine "1" an.Wenn keine "1" erscheint, ist d
   richtig eingelegt worden. Legen Sie ihn in diesem Fall erneut ein. (siehe Abb









urch Öffnen des Objektivschutzes angeschaltet. (siehe Abbildung 1 .)

erung im Bereich von 100 bis 400 ISO können verwendet werden. Die Filmemp-
utomatisch beim Einlegen des Films eingestellt.
einer Empfindlichkeit von ISO 400 oder mehr eingelegt werden, wird die Kamera
stellt, und wenn Filme unter ISO 400 eingelegt werden, auf ISO 100.
cht im direkten Sonnenlicht in die Kamera einlegen.

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ließen. (siehe Abbildung 5 .)
öffnen und den Auslöesr einmal drücken, um den Film automatisch zu
dzählwerk zeigt eine "1" an.Wenn keine "1" erscheint, ist der Film nicht
gt worden. Legen Sie ihn in diesem Fall erneut ein. (siehe Abbildung 6 .)

Interrupteur principal
L'appareil est mis sous-tension lorsque vous ouvrez la volet de protection de l'objectif. (voir le schéma 1 .)

Chargement de la pellicule
Il est possible d'utiliser des films codés DX de 100 à 400 ISO. La sensibilité du film est automatiquement réglée lorsque celui-ci est installé dans l'appareil.
* La sensibilité du film est réglée sur 400 ISO quand des pellicules de 400 ISO ou plus sont insérées. Elle se règle sur 100 ISO quand des pellicules de moins de 400 ISO sont chargées.

Lors de l'insertion du film, ne pas l'exposer au rayonnement solaire direct.

1. Appuyer sur le levier d'ouverture du dos pour ouvrir le dos. (voir le schéma 2 .)
2. Le film s'installe facilement, en insérant l'extrémité inférieure de la cartouche en premier lieu, puis en glissant l'extrémité supérieure (voir le schéma 3 .)
3. Aligner l'amorce du film sur le repère de chargement du film. (voir le schéma 4 .)
   * Insérer la pellicule entre les rails de guidage et veiller à ce que le film soit bien tendu.
4. Fermez le dos de l'appareil. (voir le schéma 5 .)
5. Ouvrez le volet de protection de l'objectif et pressez sur le déclencheur une fois pour charger automatiquement le film, "1" s'affiche aur le compteur de vues : Si "1" n'apparaît pas, ceci signifie que sur le film a été mal chargé. Recommencer le chargement au début. (voir le schéma 6 .)

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Photography
Keep a distance of at least 1.5 m between the subject and the camera. When taking pictures outdoors, keep the sun behind you to take good pictures.

Caution : Make sure not to put your fingers or hair in front of the lens, light sensor window and built-in flash.

1. Open the lens protector. Look through the viewfinder and compose your image. (See figure 7 .)
   * The lens cannot be focused at distances less than 1.5 m
2. Depress the shutter release button halfway and the green lamp in the finder lights up. The picture can now be taken. If the green lamp blinks, this indicates that the built-in flash is being charged or that battery power is too low. In this case, release the button and wait a few seconds before pressing it again. The picture can be taken if the green lamp in the finder lights up. (See figure 8 .)
   * When the green lamp is blinking, the flash is not charged. Release the shutter release button and wait a few seconds for the flash to be charged.
   * If the green lamp is still blinking after waiting 10 seconds or more, the batteries should be replaced.

Flash Photography
1. The built-in flash in this camera is automatically activated when available light is not sufficient for proper exposure.
2. The table on the right shows the distance ranges that will produce good pictures.

ISO	Flash-effective ranges
100	1.5~3.1m(4.9~10.2ft.)
200	1.5~4.4m(4.9~14.4ft.)
400	1.6~6.3m(5.2~20.7ft.)

Red-Eye Reduction Flash Function
To reduce the red-eye phenomenon in the picture, set the red-eye reduction flash switch ON. With this mode, the red-eye reduction lamp illuminates the subject just before the shutter is released. (See figure 9 .)

Red-eye phenomenon in flash photography
When a picture is taken using a flash, a subject' s eyes may appear red in the print. This phenomenon is caused by the reflection of the electronic flash in the retina. It can be reduced when the surroundings of the subject are brightened, or shooting distance is shortened with the lens set at the wide-angle position or by employing the red-eye reduction flash feature.

Self-Timer Photography
This function allows the photographer to include himself in the picture.

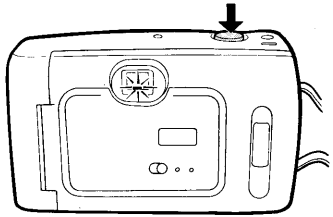
As illustrated, when the self-timer button is pressed, the self-timer lamp lights up and the timer starts as soon as the button is pressed. The picture is taken 10 seconds after the button is pressed. (The lamp starts blinking during the final three seconds.) (See figure 10 .)
* If you want to cancel the self-timer after pressing the button, press the button once again or turn off the power.
* The self-timer does not operate in dark places when the flash is not charged. Check that the green lamp lights up before using the self-timer.
* Use of a tripod is recommended for self-timer photography.

Film Rewinding
The film is automatically rewound when the last picture is taken.
The film counter reverses and the motor stops automatically when the film is completely rewound. Make sure that the film counter indicates "S" before opening the back cover and removing the film. (See figure 11~12 .)

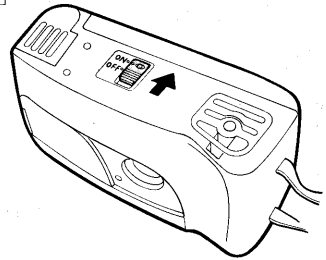
Rewinding Film in Mid-roll
Open the lens protector and press the auxiliary rewind button with the adjuster pin on the strap to rewind the film in mid-roll. The motor stops automatically when the film is completely rewound.
Make sure that the film counter indicates "S" before opening the back cover and removing the film. (See figure 13 .)



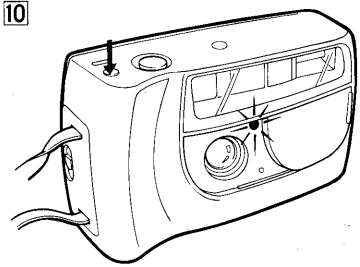
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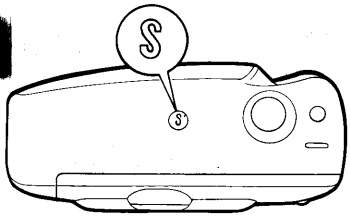


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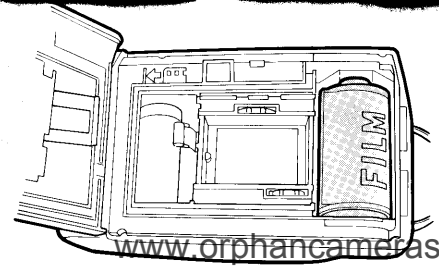


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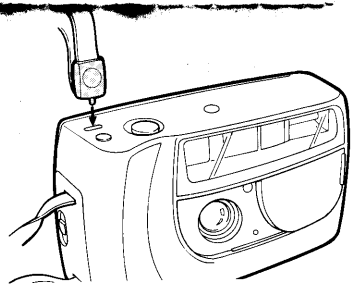




12



13



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INSTALLING/REPLACING BATTERIES

You need two "AA" batteries to operate this camera. Although both manganese and alkaline batteries are suitable for this camera, the latter is recommended for longer battery life. Ni-Cd batteries are not suitable.

1. Open the battery chamber cover. (See figure 14 .)
2. Insert two batteries by aligning (+) and (−) marks of the batteries with marks on the cover, then close the cover. (See figure 15 .)

* Up to 10 rolls of 24 -exposure film can be taken with new alkaline (LR 6) batteries assuming that all of pictures are taken with flash. (According to Pentax testing conditions)

Battery Check

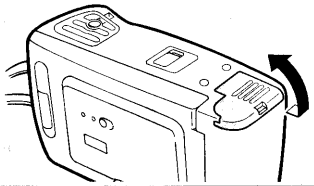
When the batteries are properly inserted and the shutter button is pressed halfway, the green lamp at the center bottom of the finder light up or blinks. (See figure 16 .)

* The camera does not operate when the batteries have been used up or have been improperly inserted.
* As the batteries deplete, flash recharging and film winding/rewinding will take longer. Replace the batteries as soon as you notice this.
* Batteries must be handled with care. Incorrect use of batteries can cause overheating or even explosions.
* Battery performance is poor at low temperatures but returns to normal at ordinary temperatures.
* Do not short-circuit, disassemble, recharge or throw used batteries into fire as they may explode.

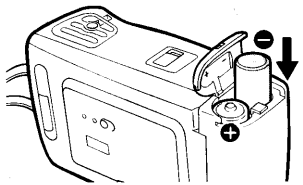
Handling Precautions

1. This is not an underwater camera and it may not be possible to repair it if it is immersed in water. Contact authorized service facility.
2. Sand or mud entering the camera may damage the camera. Do not place it directly on a sandy beach. It is not designed for professional or other taxing uses.
3. Do not use paint thinner, benzene or other solvents for cleaning the camera.
4. Do not store or leave the camera for a long time in places where the temperature is high.
5. Moisture condensation will form in the camera when it is brought into a warm room after shooting in cold weather. Put the camera in the camera bag or a vinyl bag before bringing it in to lower the temperature change. Take out the camera when the temperature change is less drastic.
6. A camera is a precision instrument. Do not drop it or bang it against objects. Have it inspected when it is exposed to strong shock or pressure.
7. The camera operates normaily within a temperature range of 40℃(104°F) to −5℃(23°f).
8. The camera contains high voltage circuits. To prevent electric shock and other hazards, do not disassemble the camera.
9. The camera should be returned in for service every year or every other year to keep it in proper working order. It is also a good idea to have it inspected when it has not been used for a long time or before taking important photographs.

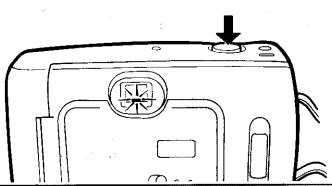
14



15



16



PILAS

INSTALLAZIONE/SOSTITUZIONE DELLE BATTERIE

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DATABACK OPERATION

NOTE : THIS IS APPLICABLE TO THE PC 300 DATE MODEL ONLY.

❶ Mode button ❷ Select button ❸ Adjust button ❹ Battery cover fixing screw

Changing the Mode
Each time you press the Mode button ❶ , the mode in the LCD panel changes in succession from Ⓐ "Year-Month-Day" to Ⓑ "Day-Hour-Minute" to Ⓒ "————————" to Ⓓ "Month-Day-Year" to Ⓔ "Day-Month-Year". Stop pressing the button when the desired mode appears. "————————" indicates that no data will be imprinted on the picture.
NOTE : "M" in the LCD panel indicates "Month". Use the adjuster pin on the strap to press the buttons.

Correcting the Data
1. Press the "Select" button ❷ until you reach the flickering digit which you wish to change.
2. Press the "Adjust" button ❸ to change the digit of specified category you chose with the "Select" button ❷ . Digits increase by one each time you press the "Adjust" button ❸ . If you keep it depressed, the digit will advance continuously after two or three seconds.
3. Adjusting the second: Press the "Select" button ❷ until ":" will flicker. And press the "Adjust" button ❸ in sync with a time signal to set the second to zero.
4. After the correction, press the "Select" button ❷ to make the data imprinting possible (the bar mark (–) appears on the LCD panel).

Battery
The databack is powered by one CR2025 3V Lithium battery. When the displays in the LCD cannot be seen clearly or when the watch function becomes unstable, replace the Battery with a new one by loosening Battery cover fixing screw ❹ . When the battery is set correctly, Data will be displayed. Reset the data according to "Correcting the Data".

BEDIENUNG DER DATENRÜCKW

HINWEIS : DIESE DATENRÜCKWAND PASST NUR

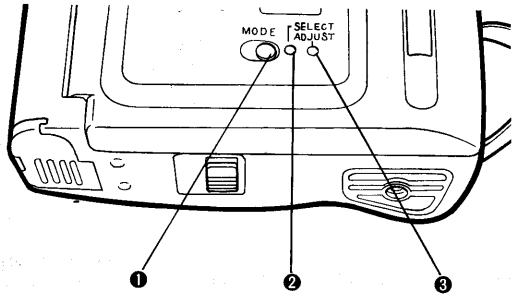
❶ Mode-Taste ❷ Select-Taste ❸ Adjust-Taste ❹

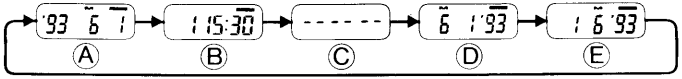
Einstellen der Daten
Mit jedem Druck auf die Mode-Taste ❶ erscheint auf
folge von Ⓐ Jahr-Monat-Tag, Ⓑ Tag-Stunde-Minu
und Ⓔ Tag-Monat-Jahr. "————————" bedeutet,
ACHTUNG : "M" auf dem LCD-Feld bedeutet "Mo
Riemen, um die Tasten zu drücken.

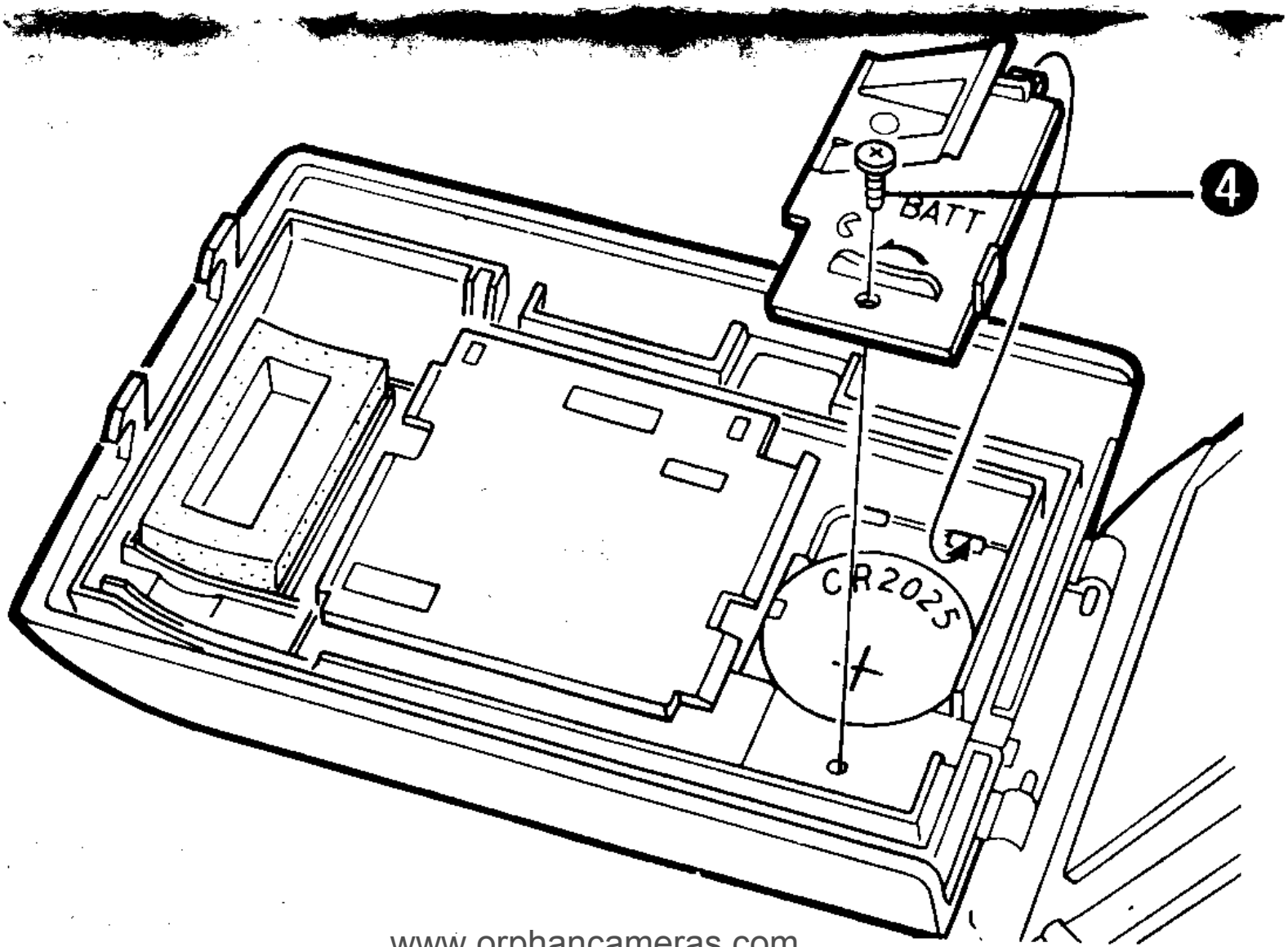
Korrektur der Daten
1. Drücken Sie die Select-Taste ❷ bis die Stelle, di
2. Dann drücken Sie die Adjust-Taste ❸ und ände
gewählten Stelle. Mit jedem Druck auf die Adjust-T
Wenn Sie die Taste gedrückt halten, laufen die Ziffer
weiter.
3. Einstellen der Sekunde: Drücken Sie die Select-T
drücken Sie in Übereinstimmung mit den Zeitsign
zeige auf Null zu stellen.
4. Nach der Korrektur drücken Sie wieder auf die
abzuschließen. Auf dem LCD-Feld erscheint nun

Batterie
Die Energieversorgung für die Datenrückwand erfolg
Wenn die LCD-Anzeige nicht mehr klar zu erkennen ist
ausgetauscht werden. Lösen Sie die Befestigungssch
die neue Batterie richtig ein. Dann erscheinen willkür
korrigieren können.

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SPECIFICATIONS

Type:	35mm lens-shutter camera
Film:	35 mm DX-coded film with ISO rating from 100 to 400; J135 cartridge. The camera film speed is automatically set to ISO 100 when non-DX film is used.
Picture format:	24 mm × 36 mm
Film loading:	Auto film loading. Closing the back cover and pressing the shutter release button will automatically wind film to first exposure.
Film movement:	Auto winding: auto rewinding starts at end of roll. (Rewind speed: approximately 22 sec for 24-exposure film.) Film can also be rewound in mid roll.
Frame number:	Automatic readout of successive frame numbers in ascending order when shooting and descending order when rewinding.
Lens:	Pentax 35 mm, f/4.5, 3 elements in 3 groups
Focusing system:	Free focus. Focusing range : 1.5m (4.9ft.) to infinity.
Shutter:	Programmed AE electronic shutter.
Self-timer:	Electronic lamp indication. Approx. 10-sec delay. Cancellation after activation is possible.
Viewfinder:	Albada type bright frame finder
Exposure:	Programmed auto-exposure Range: EV 10 - 15 (ISO 100)
Flash:	Built-in flash with automatic low-luminance firing.
Charging time:	Approx. 6 sec according to Pentax testing conditions.
Power source:	Two 1.5V "AA" alkaline or manganese batteries. (Ni-Cd batteries not usable.)
Size and weight:	120 (W) × 70 (H) ×50 (D)mm ; approx. 185 g
Date recording system:	Information is recorded on the reverse side of the film.
Date imprinting modes:	Push button to set unit to any of five modes; "Year/Mon/Day", "Day/Hour/Min/", "-- -- --" (Blank), "Mon/Day/Year" or "Day/Mon/Year".
Date imprinting power source:	3 V lithium battery (one CR2025 battery)
Size and weight:	120 (W) × 70(H) ×53 (D)mm ; approx. 200 g

Reversal film (slide film) may not be properly exposed. Use of negative color film (print film) is recommended.