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4

Instruction booklet • Bedienungsanleitung
Manual de instrucciones

CONTAX

167 MT

Thank you for your purchase of a Contax 167MT. This sophisticated auto-exposure SLR camera features a multi-mode system which is digitally controlled by a high-performance CPU. Designed with the latest in camera and electronic technology, it offers you a number of outstanding features such as multi-mode exposure control including programmed auto exposure, spot metering capability, and ultra-fast 1/4000 sec. shutter speed. It also provides a large-size display panel to let you check the camera operation and shooting information in the outside of the viewfinder. In addition, there are many features that are designed to facilitate your picture-taking and allow you to shoot in any situation. Please read this manual carefully through before you use the camera. It will serve you through many years with proper care.

Though this manual is described with a multi-mode Planar T* 50 mm F1.4 on the camera, the operating instructions are the same when other multi-mode Carl Zeiss lenses are used, too.

Wir danken Ihnen, daß Sie sich für die Contax 167MT entschieden haben.

Diese fortschrittliche SLR-Kamera mit Belichtungsautomatik zeichnet sich durch ein Mehrbetriebsarten-System aus, das digital von einer Hochleistungs-CPU gesteuert wird. Dank ihrer Ausstattung mit der neuesten Kamera- und Elektroniktechnologie bietet Ihnen die Contax 167MT eine Anzahl von außergewöhnlichen Merkmalen, beispielsweise Mehrbetriebsarten-Belichtungssteuerung einschließlich von Programm-Belichtungsautomatik, Spotmessung und einer extrem kurzen Verschußzeit von 1/4000 Sek.

Die Kamera verfügt außerdem über einen großdimensionierten Monitor zur Anzeige verschiedener Informationen über Kamerabetriebsart und Belichtung außerhalb des Suchers. Zusätzlich sind eine Vielzahl von praktischen Funktionen vorhanden, die Ihnen das Fotografieren erleichtern und Aufnahmen in jeder beliebigen Situation ermöglichen.

Bitte lesen Sie diese Bedienungsanleitung vor Inbetriebnahme der Kamera aufmerksam durch. Sachgemäßer Umgang mit Ihrer neuen Contax 167MT wird sich in vielen Jahren störungsfreien Betriebs auszahlen.

Die Erklärungen dieser Bedienungsanleitung gehen davon aus, daß ein Mehrbetriebsarten-Objektiv Planar T* f1,4/50 mm an der Kamera angesetzt ist, doch gelten die gleichen Bedienungsverfahren auch für alle anderen Mehrbetriebsarten-Objektive von Carl Zeiss.

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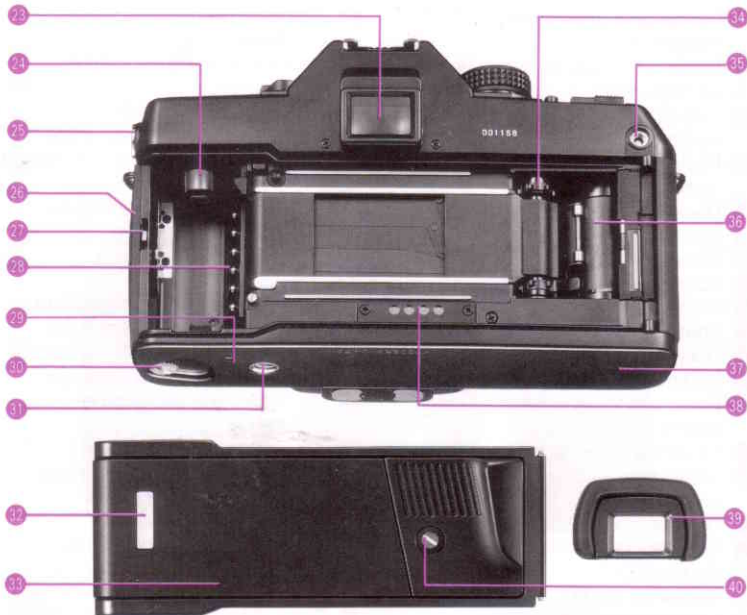
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Names of Parts

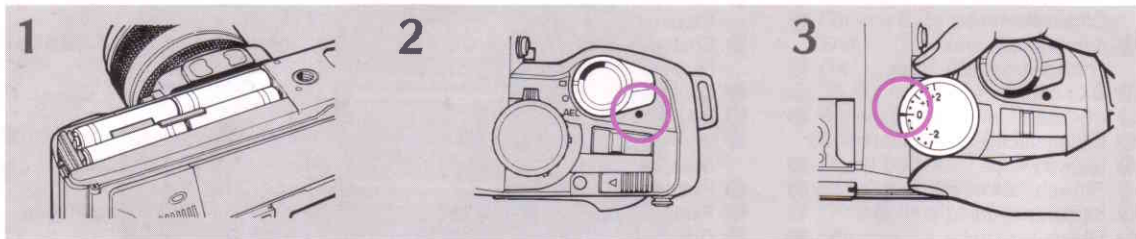


- 1 Exposure Compensation Dial
- 2 Compensating Value Setting Lever
- 3 Exposure Compensation Index
- 4 Rewind Release Button
- 5 Shutter Release
- 6 Film Rewind Switch
- 7 Operating Lever
- 8 Main Switch
- 9 Strap Lug
- 10 Lens Release Button
- 11 Guide Pin
- 12 Self-timer LED
- 13 Depth-of-field Preview Button
- 14 Light Receptor Window
- 15 Dedicated Auto-Flash Coupling Contacts
- 16 Direct X-Contact
- 17 Drive Mode Selector
- 18 ISO Button
- 19 Mode Button
- 20 Display Panel
- 21 Lens Index
- 22 Program Coupling Lever



- 23 Viewfinder Eyepiece
- 24 Cassette Holder Shaft
- 25 Sync Terminal
- 26 Camera Back Opening Lever
- 27 Camera Back Lock Release Button
- 28 DX Contact
- 29 RS Button
- 30 Battery Compartment Cover Screw
- 31 Tripod Socket
- 32 Film Check Window
- 33 Camera Back
- 34 Sprocket
- 35 Release Socket
- 36 Spool
- 37 Battery Compartment Cover
- 38 Data Back Contact
- 39 Eyecup
- 40 Film Transport Signal

Basic Steps for 3-Mode Auto Exposure Grundlegendes Verfahren für 3-Betriebsarten-Belichtungsautomatik

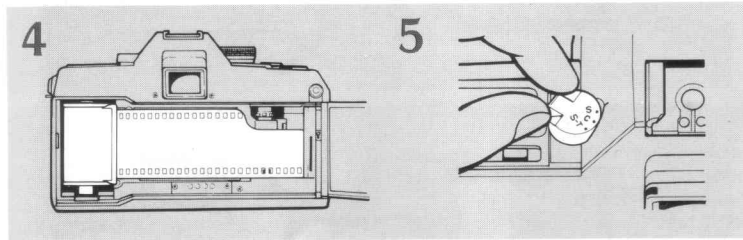


- 1** Load the batteries.
Legen Sie die Batterien ein.
Mettre les piles en place.
Inserte las pilas.

- 2** Turn on the main switch.
Schalten Sie den Hauptschalter ein.
Enclencher le commutateur principal.
Conecte el conmutador principal.

- 3** Set the exposure compensation dial to "0".
Drehen Sie den Belichtungs-korrekturring auf "0".
Placer le cadran de compensation d'exposition sur la position "0".
Ponga el aro de compensación de la exposición en la posición "0".

Etapes de base pour les 3 modes d'exposition automatique *Pasos básicos para la exposición automática de 3 modos*



- 4** Load the film and insert its tip under the mark "■".

Legen Sie den Film ein und ziehen Sie den Filmanfang so weit aus der Patrone, daß er unter der Marke "■" zu liegen kommt.

Charger le film et insérer son extrémité sous la marque "■".

Cargue la película e inserte la punta debajo de la marca "■".

- 5** Set the drive mode selector to "S" or "C".

Stellen Sie den Filmtransport-Wahlschalter auf "S" oder "C".

Placer le sélecteur de mode d'entraînement sur la position "S" ou "C".

Ponga el selector del modo motorizado en la posición "S" o "C".

PROGRAM

Programmed Auto Exposure
Programm-
Belichtungsautomatik
Exposition automatique
programmée
Exposición automática
programada

Tv

Shutter-priority Auto Exposure
Belichtungsautomatik mit
Verschlußzeitenvorwahl
Exposition automatique à
priorité à la vitesse
Exposición automática con
prioridad en el obturador

Av

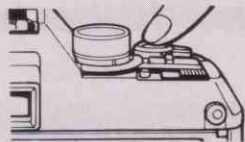
Aperture-priority Auto Exposure
Belichtungsautomatik mit
Blendenvorwahl
Exposition automatique à
priorité au diaphragme
Exposición automática con
prioridad en la abertura

PROGRAM

6

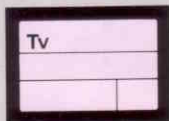


7

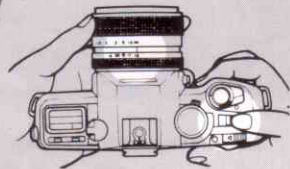


Tv

6

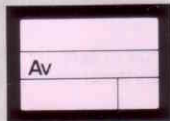


7

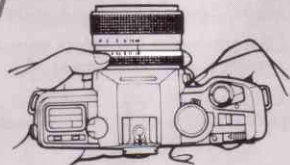


Av

6



7



- 6** Set the lens at its minimum aperture, depress the mode button and set "PROGRAM" mode with the operating lever.
Stellen Sie das Objektiv auf den kleinsten Blendenwert ein, drücken Sie die Betriebsartentaste und stellen Sie die Betriebsart "PROGRAM" mit dem Bedienungsschieber ein.
Régler l'objectif à son ouverture minimum, appuyer sur le bouton de mode et régler le mode "PROGRAM" avec le levier d'actionnement.
Ajuste el objetivo a su abertura mínima, presione el botón de modo y ajuste el modo "PROGRAM" con la palanca de operación.
- 6** Set the lens at its minimum aperture, depress the mode button and set "Tv" mode with the operating lever.
Stellen Sie das Objektiv auf den kleinsten Blendenwert ein, drücken Sie die Betriebsartentaste und stellen Sie die Betriebsart "Tv" mit dem Bedienungsschieber ein.
Régler l'objectif à son ouverture minimum, appuyer sur le bouton de mode et régler le mode "Tv" avec le levier d'actionnement.
Ajuste el objetivo a su abertura mínima, presione el botón de modo y ajuste el modo "Tv" con la palanca de operación.
- 6** Depress the mode button and set "Av" mode with the operating lever.
Drücken Sie die Betriebsartentaste und stellen Sie die Betriebsart "Av" mit dem Bedienungsschieber ein.
Appuyer sur le bouton de mode et régler le mode "Av" avec le levier d'actionnement.
Presione el modo de modo y ajuste el modo "Av" con la palanca de operación.
- 7** Focus the lens, compose your picture and shoot.
Stellen Sie das Objektiv scharf, wählen Sie den Bildausschnitt und machen Sie die Aufnahme.
Faire la mise au point avec l'objectif, composer la photo et déclencher.
Enfoque el objetivo encuadre la imagen y dispare.
- 7** Set the desired shutter speed with the operating lever and shoot.
Stellen Sie die gewünschte Verschußzeit mit dem Bedienungsschieber ein und machen Sie die Aufnahme.
Régler la vitesse d'obturation désirée avec le levier d'actionnement et déclencher.
Ajuste la velocidad del obturador deseada con la palanca de operación y dispare.
- 7** Set the desired aperture with the aperture ring and shoot.
Stellen Sie den gewünschten Blendenwert mit dem Bedienungsschieber ein und machen Sie die Aufnahme.
Régler l'ouverture désirée avec la bague d'ouverture et déclencher.
Ajuste la abertura deseada con el anillo de aberturas y dispare.

Attaching the Strap

Attach the Strap as shown in the illustration.

Anbringen des Tragriemens

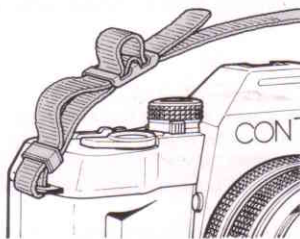
Bringen Sie den Tragriemen wie in der Abbildung gezeigt an.

Fixation de la courroie

Fixer la courroie de la manière indiquée dans l'illustration.

Montaje de la correa

Monte la correa como se muestra en la ilustración.



Attaching the Eyecup

Attach the Eyecup as shown in the illustration.

Anbringen der Augenmuschel

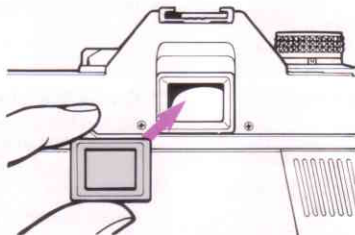
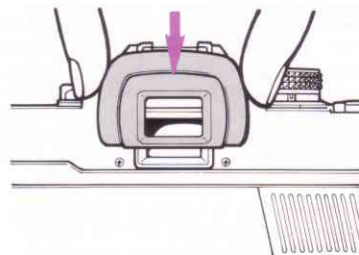
Bringen Sie die Augenmuschel wie in der Abbildung gezeigt an.

Fixation de l'ocillon

Fixer l'ocillon de la manière indiquée dans l'illustration.

Montaje de la tapa del ocular

Monte la tapa del ocular como se muestra en la ilustración.



Attach the optional FL type Diopter Lenses as shown. The Eyecup can be attached on a Diopter Lens.

Bringen Sie die als Sonderzubehör erhältlichen FL-Diopterlinsen wie gezeigt an. Die Augenmuschel kann an einer Diopterlinse befestigt werden.

Mette les lentilles dioptriques de type FL en option en place de la manière indiquée. L'ocillon peut être fixé sur une lentille dioptrique.

Monte las dioptrías del tipo FL opcionales como se muestra. La tapa del ocular puede montarse con una lente dióptrica.

Preparation for taking pictures
Vorbereitungen vor dem Fotografieren
Préparation pour la prise de vues
Preparativos para fotografiar

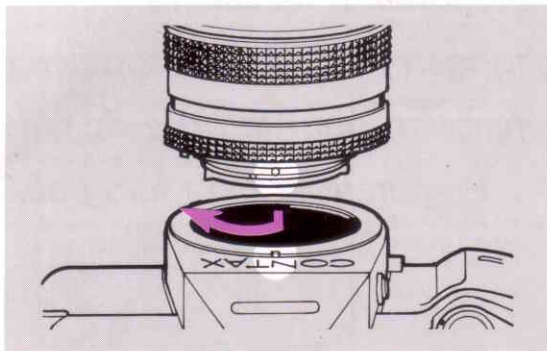
Preparation for taking pictures

Vorbereitungen vor dem Fotografieren

Préparation pour la prise de vues

Preparativos para fotografiar

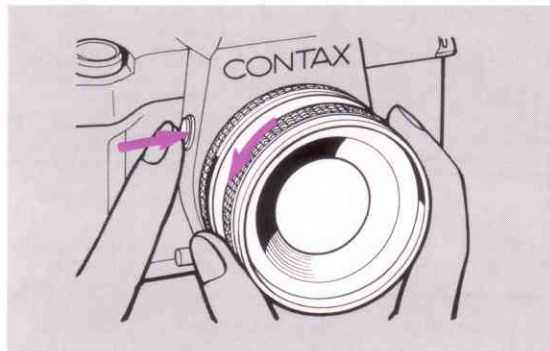
Mounting and Dismounting the Lens



< Mounting the Lens >

First, remove the camera's body cap and lens' rear cap by turning them counterclockwise. Then, align the red dot on the lens with the Lens Index on the camera, fit it in and turn it clockwise until it locks with a click.

When mounting and dismounting a snap-type lens cap, press in the side tabs.

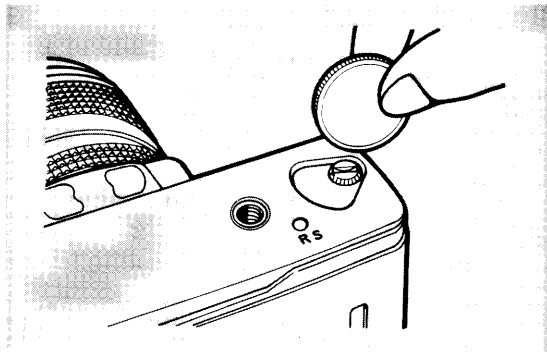


< Dismounting the Lens >

While pressing in the Lens Release Button, turn the lens counterclockwise as far as it will go and pull it out toward you. After dismounting the lens from the camera, protect the lens with the lens cap and rear cap, and the camera with the body cap.

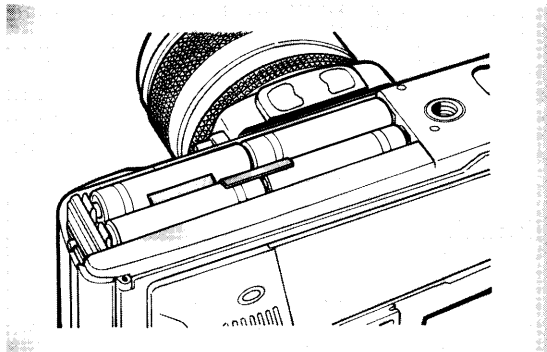
- Do not touch the lens surface and camera inside with your fingers when attaching and detaching the lens.
- Avoid direct sunlight when changing the lens with film loaded in the camera.

Loading the Batteries



All important components and functions of the Contax 167MT including automatic film winding and rewinding, shutter operation and display panel are battery-powered. The camera does not operate unless batteries are loaded in it.

1 Loosen the Battery Compartment Cover Screw on the camera bottom with a coin and remove the cover.

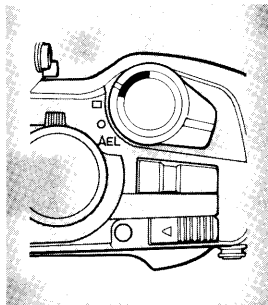


2 Insert four batteries with the plus (+) and minus (-) ends correctly, as illustrated inside the Battery Compartment. The camera does not operate if they are loaded with wrong (+) and (-) ends.

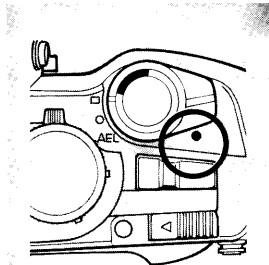
To replace the battery compartment cover, fit the guide pin on the camera to the hole in the cover, close it and lock it with the fixing screw.

The camera uses four 1.5 V AAA-size batteries. It is recommended to use high-performance alkaline-manganese batteries, because some of its functions such as continuous shooting are affected by the battery performance.

Main Switch



*In OFF position
Position AUS*



*In ON position
Position EIN*

The Main Switch of the Contax 167MT has three positions for taking pictures: "■" for shooting on center-weighted metering, "●" for spot metering, and "AEL" for locking the exposure on spot metering. Choose your desired mode by setting the index opposite the corresponding mark. Set the Main Switch at the click positions to prevent wrong operation.

If you are not using the camera, turn off the Main Switch by setting it so that the red mark is not visible.

When the Main Switch is at OFF (the red mark is not visible), the camera is turned off and disconnected from power. If you are not using the camera, be sure to turn it off to save battery.

If it is set to "■", the camera is turned on and set for center-weighted metering. This setting is convenient for normal photography.

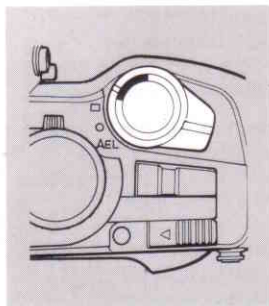
If it is set to "●", the camera is turned on and set for spot metering.

- For details on center-weighted metering and spot metering, refer to page 78.

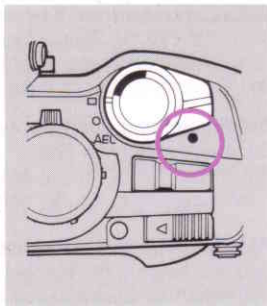
If it is set to "AEL", the exposure value measured by spot metering is locked. The AE Lock is used for shooting backlighted subjects or for continuous shooting of moving subjects at a fixed exposure.

- For details on the AE Lock, refer to pages 84 and 86.

Commutateur principal



Position OFF
En la posición OFF



Position ON
En la posición ON

Le commutateur principal du Contax 167MT possède trois positions pour la prise de vues: "■" pour la prise de vues avec mesure pondérée centrale, "○" pour mesure ponctuelle et "AEL" pour verrouillage de l'exposition pour mesure ponctuelle. Choisir le mode désiré en plaçant l'indice en regard de la marque correspondante. Placer le commutateur principal dans les positions crantées pour éviter tout mauvais fonctionnement.

Si l'appareil n'est pas utilisé, désenclencher le commutateur principal en le plaçant de manière à ce que la marque rouge ne soit pas visible.

Lorsque le commutateur principal se trouve à la position OFF (la marque rouge n'est pas visible), l'appareil est hors circuit et l'alimentation est coupée. Placer le commutateur sur OFF pour économiser les piles lorsque l'appareil n'est pas utilisé.

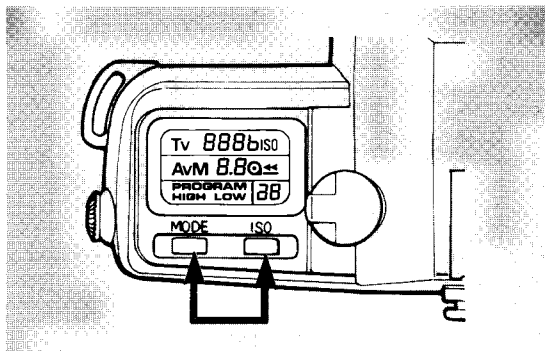
Lorsque le commutateur est sur la position "■", l'appareil est sous tension et réglé pour mesure pondérée centrale. Ce réglage convient bien pour la photographie normale.

Lorsque le commutateur est sur la position "○", l'appareil est sous tension et réglé pour la mesure ponctuelle.

- Pour les détails concernant la mesure pondérée centrale et la mesure ponctuelle, se reporter en page 79.

Lorsque le commutateur est sur la position "AEL" la valeur d'exposition mesurée par mesure ponctuelle est verrouillée. Le verrou AE est utilisé pour la prise de vues de sujets en contre-jour ou pour une prise de vues continue de sujets en mouvement à une exposition fixe.

- Pour les détails concernant le verrou AE, se reporter en pages 85 et 87.



< Battery Check >

To check the batteries, turn on the Main Switch and press the Mode Button and ISO Button at the same time.

If all indicators in the display panel turn on, the batteries are in good condition. If they blink, it means the battery voltage has reduced. Though the batteries still have enough power for operating the camera, it is recommended to change them as soon as possible.

If the battery voltage has reduced further, the indicators in the display panel will blink faster and the camera will no longer operate.

< Batterieprüfung >

Um die Batterien zu überprüfen, schalten Sie den Hauptschalter ein und drücken Sie gleichzeitig die Betriebsarten- und die ISO-Taste.

Wenn alle Anzeigen auf dem Monitor aufleuchten, sind die Batterien in einwandfreiem Betriebszustand. Blinken die Anzeigen, so deutet dies auf ein Abnehmen der Batteriespannung. Obwohl noch ausreichend Batteriespannung für den Betrieb der Kamera vorhanden ist, sollten die Batterien so bald wie möglich gegen frische ausgetauscht werden.

Bei fortschreitender Spannungsabnahme der Batterien blinken die Anzeigen auf dem Monitor in schnellerem Tempo, und die Kamera arbeitet nicht mehr.

* This camera incorporates a lithium backup battery to protect the exposure counter and film speed data even if its main batteries are removed when there is film in it. If the backup battery is worn out, the exposure counter will return to "00" and the camera will no longer show the correct ISO speed and exposure mode when the main batteries are removed. This battery will last about 10 years under normal use. For replacement, contact your Contax Service Station.

< Battery Precautions >

- Always change the four batteries at the same time with new ones of the same type and brand.
- Generally, the battery performance will be reduced temporarily at low temperatures (under about 0°C).

When shooting in cold weather, use new batteries and keep the camera warm before taking pictures. The battery performance affected by low temperature will return to normal if you are shooting in normal temperature.

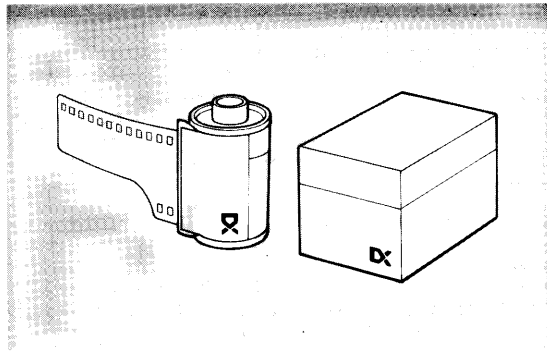
- Before loading the batteries, wipe both poles clean with a dry cloth because poor contact may result if they are soiled with sweat or grease.
- If you are going on a long trip, bring a new set of spare batteries with you.
- Do not throw used batteries into fire or try to disassemble them because it is dangerous.

* Diese Kamera ist mit einer Lithium-Sicherungsbatterie ausgestattet, um die Bildzählwerk- und Filmempfindlichkeitsdaten bei eingelegetem Film auch dann zu erhalten, wenn die Hauptbatterien aus der Kamera entfernt werden. Wenn diese Sicherungsbatterie erschöpft ist, schaltet das Bildzählwerk auf "00" zurück, und die richtige ISO-Filmempfindlichkeit und Belichtungsbetriebsart werden nicht mehr angezeigt, wenn die Hauptbatterien entfernt werden. Bei normalem Gebrauch der Kamera beträgt die Lebensdauer der Sicherungsbatterie ungefähr 10 Jahre. Bringen Sie die Kamera zu einer Contax-Kundendienststelle, um die Sicherungsbatterie erneuern zu lassen.

< Vorsichtsmaßnahmen für die Batterien >

- Tauschen Sie immer alle vier Batterien gleichzeitig aus. Mischen Sie nicht alte und neue Batterien und solche verschiedener Typen.
- Bei Temperaturen unter Null nimmt die Batterieleistung vorübergehend ab. Beim Fotografieren in kaltem Wetter sollten daher frische Batterien verwendet und die Kamera vor den Aufnahmen warmgehalten werden. Die durch tiefe Temperaturen beeinträchtigte Batterieleistung wird jedoch wiederhergestellt, wenn Aufnahmen später bei normaler Temperatur gemacht werden.
- Vor dem Einlegen der Batterien beide Pole mit einem trockenen Tuch abreiben, da bei einer Verschmutzung der Pole mit Schweiß oder Fett kein einwandfreier elektrischer Kontakt gewährleistet ist.
- Wenn Sie auf längere Reisen gehen, nehmen Sie einen Satz frischer Batterien als Reserve mit.
- Batterien auf keinen Fall in ein Feuer werfen oder zerlegen, da Verletzungsgefahr besteht.

Film Speed Setting



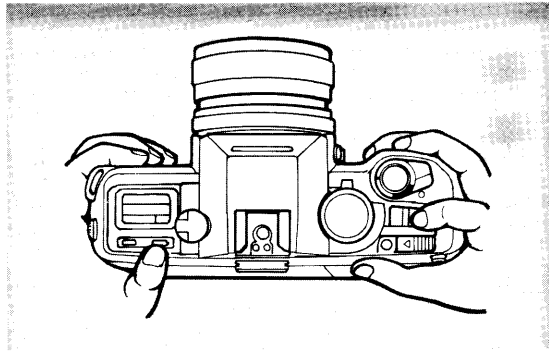
Three types of film speed setting are available on this camera. After the film speed is set in each case, be sure to press the ISO Button to check the film speed which has been set.

< Automatic setting >

Use a DX-coded film. If you install a DX-coded film (ISO 25—5000) with the Main Switch at OFF, the camera will automatically set itself for the speed of the film loaded in it.

< Manual setting >

If you are using non-DX-coded film, or if you want to change the film speed manually, move the Operating



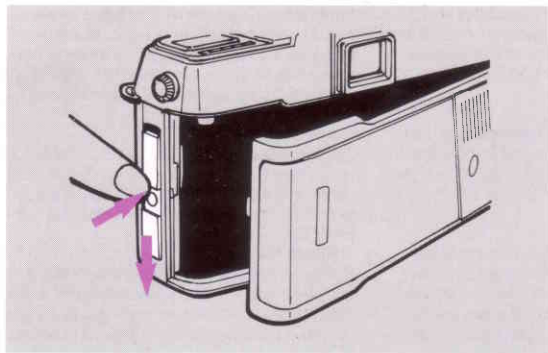
Lever to the left or right while pressing the ISO Button so that the desired film speed (ISO 6—6400) appears in the Display Panel.

- If you load a non-DX-coded film in the camera, the film speed which was set for the previous film will remain in the camera memory.

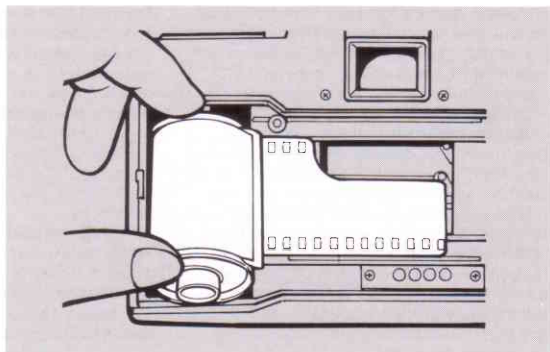
< Continuance of the previous film speed setting >

You can maintain the film speed you have previously set, regardless of whatever film you load in the camera. For this purpose, take out the exposed film with the Main Switch at ON and close the Camera Back while the data in the Display Panel remains on. Then open the Camera Back and install a new film.

Loading the Film

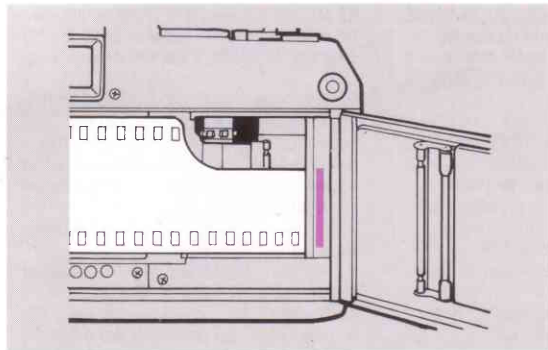


1 While pressing the Camera Back Lock Release Button in the center, push down the Camera Back Opening Lever and open the Back.

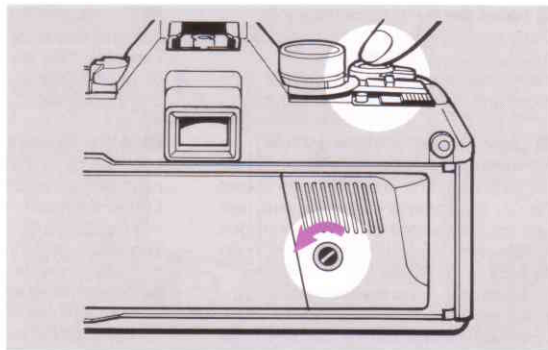


2 Insert the film cassette into the film chamber. It will fit smoothly into position if you fit the recessed end of the cassette first to the shaft located in the upper part of the film chamber.

- Always load and unload film in subdued light.
- Take care not to touch or contaminate the DX contacts and shutter curtain.
- If the film leader is extremely long, pull out film so that about three or more perforations on the upper side of the film appear.

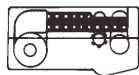


3 Pull out film slightly from the cassette and insert its tip as far as the orange mark "—". Engage the sprocket teeth in the lower film perforations and make sure the film lies flat on the film channel as shown.



4 Close the Camera Back, turn on the Main Switch and depress the Shutter Release. The camera will automatically advance the film in blank until the Exposure Counter shows "01". You are now ready to take pictures. If the film is advancing properly, the Film Transport Signal will turn.

- You can check the Exposure Counter in the display panel and viewfinder.
- While the camera is advancing the film in blank, the Exposure Counter shows "00".
- The Exposure Counter does not advance unless the camera is loaded with film.
- The Film Check Window lets you see at a glance if there is film in the camera or not.



Display in the Viewfinder and Display Panel



< Display in the Viewfinder >

The displays in the Viewfinder and Display Panel turn on

- When the Main Switch is turned on;
- When the Mode Button or ISO Button is pressed;
- When the Shutter Release is depressed halfway; and
- When the shutter is released.

The display will remain on for 16 seconds, then turn off automatically to save battery. While the Shutter Release is depressed halfway, the display in the viewfinder will brighten up to let you see it clearly.

1 Flash Mark

If you use the TLA Flash System, this mark will turn on in green as soon as the flash is fully charged. If your subject is correctly exposed, it will blink two seconds after the flash has fired.

2 Exposure Counter

The counter will advance one frame each time the film is wound to the next frame. It starts from "00" to "01" and up to "39".

3 Exposure Compensation Sign

If the Exposure Compensation Dial is set to any position other than "0" at the time of auto exposure, the sign "+" or "-" will turn on.

If you are shooting in the manual mode and the "+" sign blinks, it means your picture will be overexposed; if the "-" sign blinks, your picture will be underexposed.

4 Shutter Speed/Film Speed

The shutter speeds ranging from 1/4000 sec. to 16 sec. and "bulb" are displayed. For example, "2000" means 1/2000 second, "8" 8 seconds, and "bulb" (B) means the bulb setting. The ISO speed is displayed when you press the ISO Button.

5 Program Indicator

It turns on when either the standard program, high-speed program or low-speed program mode has been selected.

6 Aperture Value

In the programmed auto-exposure and shutter-priority auto-exposure modes, the aperture set by the camera will be displayed in 1/2-step increments. In the aperture-priority auto-exposure and manual-exposure modes, the aperture you have set on the lens will be displayed.

7 Spot Metering Mark

It turns on when the camera is set up for full-aperture spot metering, and blinks when the AE Lock is used.



< Display panel >

This Display Panel lets you see all important shooting data such as shutter speed and aperture at a glance. Also, the exposure mode, film speed and shutter speed are set with the Operating Lever while watching this panel. If you move the Operating Lever to the right or left while pressing the MODE Button or ISO Button, the data in the display panel will change. Remove your finger from the lever when your desired mode or number appears in the panel. The lever will return to the neutral position and set the mode and the film speed/shutter speed that is displayed.

1 Shutter Speed/Film Speed

Normally, it displays the shutter speed. However, the ISO indicator and film speed turn on when the ISO Button is pressed. In the shutter-priority auto exposure (Tv) and manual exposure (M) modes, you can choose the desired shutter speed in 1-step increments with the Operating Lever alone.

2 Aperture Value

Like the aperture display in the viewfinder, it shows the shooting aperture.

3 ISO Indicator

It turns on when the ISO Button is pressed and the batteries are checked.

4 Film Rewind Mark

It turns on while the film is rewinding, and turns off after rewinding is completed.

5 Exposure Counter

Shows the number of exposures of the film. It also achieves the following functions.

- Time display during bulb exposure (00—59).
- Display of the remaining time on self-timer (10—00).
- Display of the exposure sequence in automatic continuous exposure compensation.

6 MODE Button

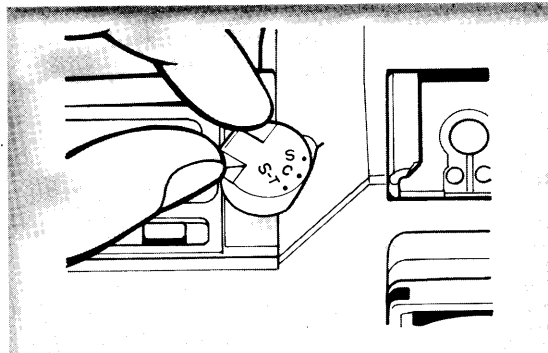
Set your desired mode by moving the Operating Lever to the right or left while pressing the MODE Button.

You can choose the normal program (PROGRAM), high speed program (PROGRAM HIGH), low-speed program (PROGRAM LOW), aperture-priority (Av), shutter-priority (Tv), and manual (M) exposure modes.

7 ISO Button

Use this button for setting your desired film speed and for checking the film speed that is set.

Drive Mode Selector



The Contax 167MT has a drive mode selector that allows you to choose three shooting modes according to your subject and purpose — single-frame shooting, continuous shooting and self-timer shooting.

< S — Single-frame shooting >

Each time the Shutter Release is depressed, the camera exposes one frame and winds the film for the next shot, then stops.

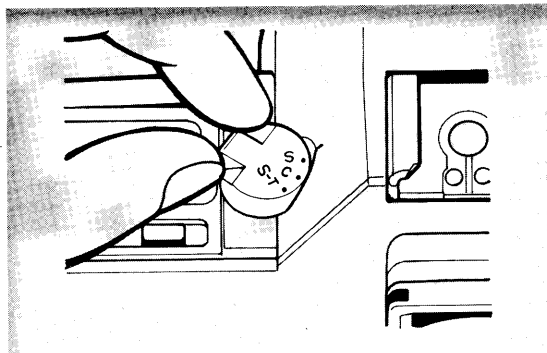
< C — Continuous shooting >

As long as the Shutter Release is depressed, the camera takes pictures in succession at a rate of up to three frames a second. If you take your finger off the button, the film advances to the next frame and stops. (The shooting speed varies with the shutter speed and battery condition.)

< S-T — Self-timer shooting >

If the Drive Mode Selector is set to "S-T" and the Shutter Release is depressed, the self-timer starts and trips the shutter after 10 seconds. While the self-timer is running, the self-timer LED in the camera front turns on and the Exposure Counter switches to the self-timer mode to count down from "10" to "0" at 1-sec. intervals.

Drive Mode Selector



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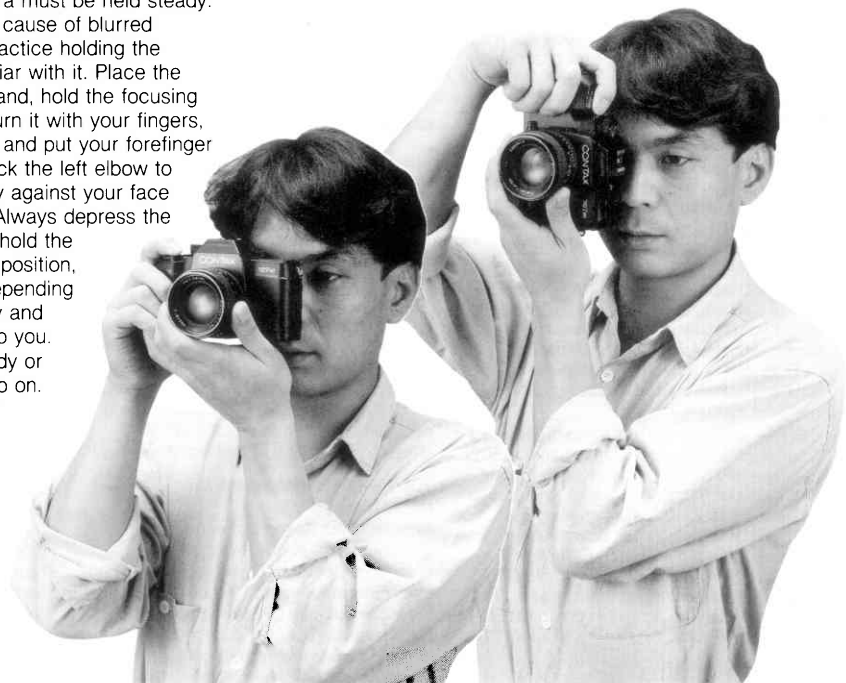
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Holding the Camera

To take sharp pictures, the camera must be held steady. Since camera shake is the major cause of blurred pictures, it is recommended to practice holding the camera steady until you get familiar with it. Place the camera in the palm of your left hand, hold the focusing ring of the lens so that you can turn it with your fingers, hold the grip with your right hand and put your forefinger lightly on the Shutter Release. Stick the left elbow to the body, press the camera lightly against your face and look through the viewfinder. Always depress the Shutter Release gently. You may hold the camera not only in the horizontal position, but also in the vertical position depending on the subject. In any case, study and practice the posture best suited to you. It is also good to support your body or camera on a building, tree, and so on.



Focusing the Lens



Focusing is done with the split-image focusing center, microprism collar and the surrounding matte screen.

< Horizontal Split-image Spot >

While looking through the viewfinder, turn the Focusing Ring until the upper and lower segments of the image coincide. If the image is out of focus, the two segments do not coincide.

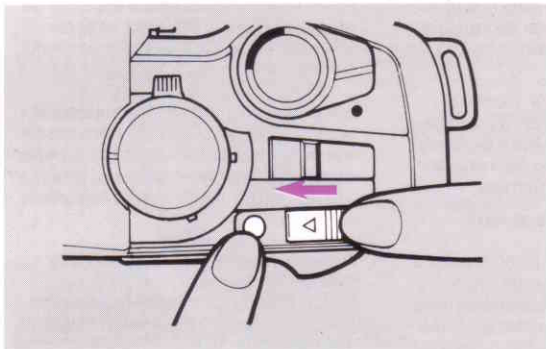
< Microprism Collar and Matte Screen >

Turn the Focusing Ring until the image on the microprism collar or matte screen appears sharp. If the lens is not correctly focused, the image on the microprism collar will appear grainy and that on the matte screen will be unsharp.



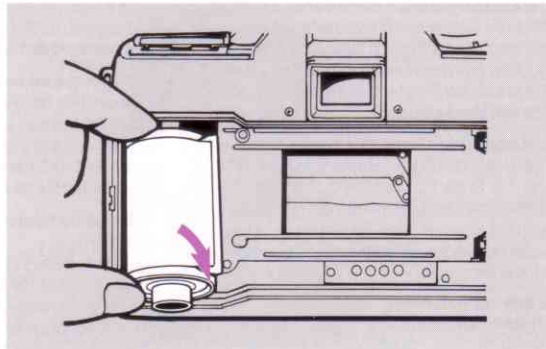
- When using a slow lens or taking close-ups with a high magnification, you may sometimes find it difficult to focus. In such cases, use the surrounding matte screen to focus.
- If you are far- or near-sighted, use optional FL-type Diopter Lenses. There are eight types available (-5, -4, -3, -2, 0, +1, +2, and +3), which can be attached to the viewfinder eyepiece.

Rewinding the Film



When the entire roll of film is exposed, the camera will stop winding the film and all indicators in the display panel, such as the exposure counter, shutter speed and aperture, will blink.

1 While pressing the rewind release button, slide the Rewind Switch in the direction of the arrow ("◀"). The Film Rewind Mark "◻◀" will turn on in the display panel and the camera will start rewinding the film. When it is completely wound back into its cassette, you will hear a shutter tripping noise and the rewinding operation will automatically stop.



While the film is rewinding, the Film Transport Signal will turn backward and the Exposure Counter will blink, showing the number of the last exposed frame. After rewinding is completed, it will show "00".

- After the film has started rewinding, remove your finger from the Rewind Switch. It will automatically return to its original position.

2 Make sure the motor has stopped and the Exposure Counter shows "00", then open the Camera Back and unload the film. Avoid direct sunlight to unload it.

- The film can also be rewound in the middle of a roll.
- If rewinding has stopped because the Main Switch was turned off by mistake during rewinding, turn on the Main Switch again and wind back the film completely with the Rewind Switch.
- Send the exposed film for processing as soon as possible.
- After unloading the film, be sure to turn off the Main Switch unless you continue to take pictures.

- Auch teilbelichtete Filme können zurückgespult werden.
- Wenn das Rückspulen des Films unterbrochen wurde, weil der Hauptschalter versehentlich während des Rückspulens ausgeschaltet wurde, den Hauptschalter wieder einschalten und den Film mit dem Rückspulschalter vollständig zurückspulen.
- Der belichtete Film sollte so bald wie möglich zum Entwickeln gebracht werden.
- Schalten Sie die Kamera nach Entfernen des Films aus, wenn Sie keine weiteren Aufnahmen machen wollen.

- Le film peut également être rebobiné au milieu d'un rouleau.
- Si le rebobinage s'est arrêté car le commutateur principal a été désenclenché par erreur pendant le rebobinage, enclencher de nouveau le commutateur principal et rebobiner complètement le film avec le commutateur de rebobinage.
- Faire développer le film exposé dès que possible.
- Après le retrait du film, ne pas oublier de désenclencher le commutateur principal si l'on ne prend plus de photos.

- La película también puede rebobinarse a mitad de un cartucho.
- Si se ha detenido el rebobinado porque se desactivó el conmutador principal por error durante el rebobinado, conecte el conmutador principal otra vez y rebobine de nuevo la película hasta el final con el interruptor de rebobinado.
- Lleve a revelar la película expuesta lo antes posible.
- Después de haber extraído la película cerciórese de haber desconectado el conmutador principal a menos que desee seguir fotografiando.