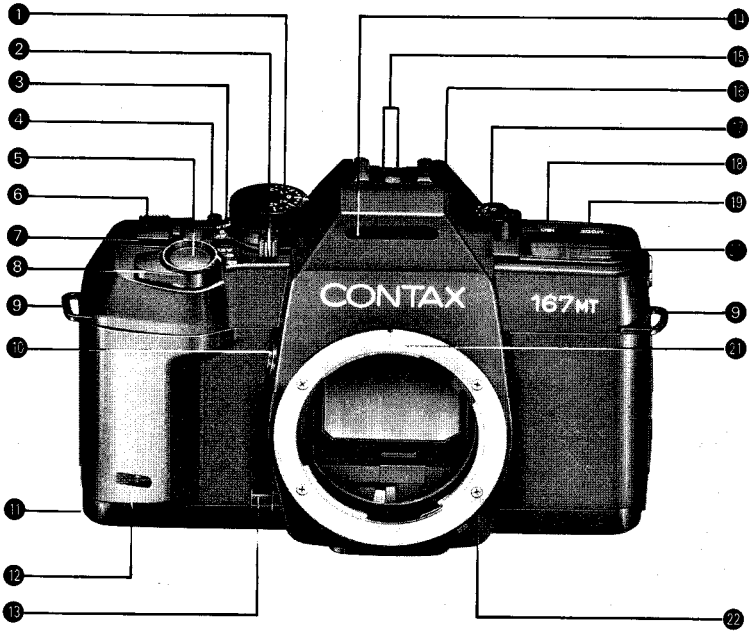
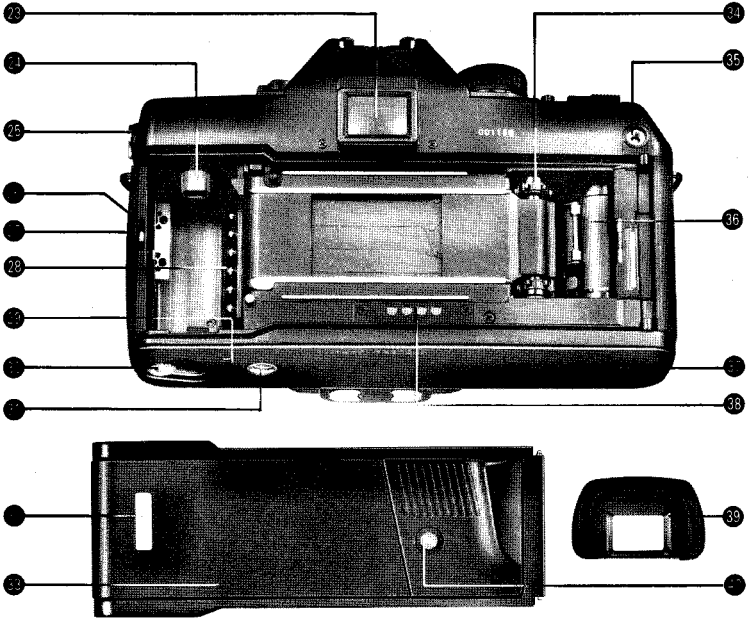
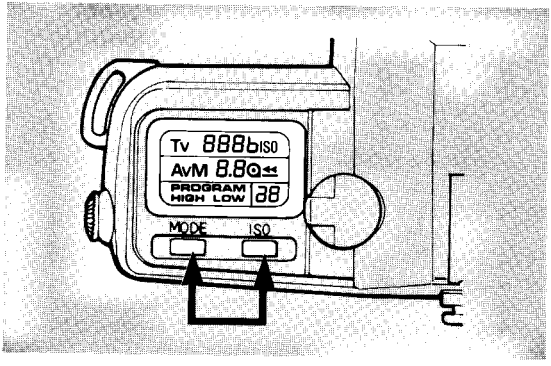
Names of Parts



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

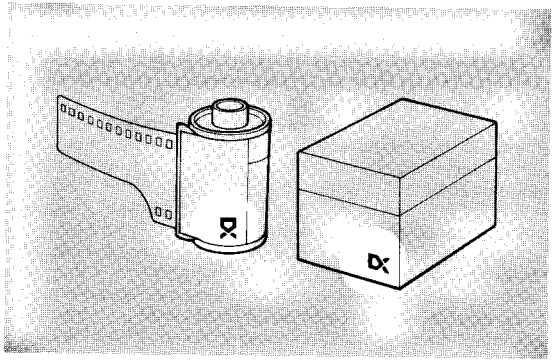


<Battery Check>

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>

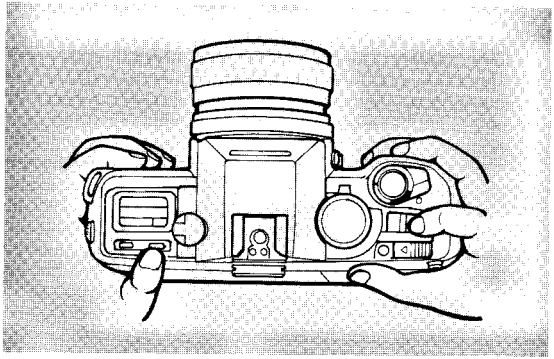
Um die Batterien zu überprüfen, schalten Sie den Hauptschalter ein und drücken Sie gleichzeitig die Betriebsarten- und die ISO-Taste.
Wenn alle Anzeigen auf dem Monitor aufleuchten, sind die Batterien in einwandfreiem Betriebszustand. Blinken die Anzeigen, so deutet dies auf ein Abnehmen der Batteriespannung. Obwohl noch ausreichend Batteriespannung für den Betrieb der Kamera vorhanden ist, sollten die Batterien so bald wie möglich gegen frische ausgewechselt werden.
Bei fortschreitender Spannungsabnahme der Batterien blinken die Anzeigen auf dem Monitor in schnellerem Tempo, und die Kamera arbeitet nicht mehr.



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.

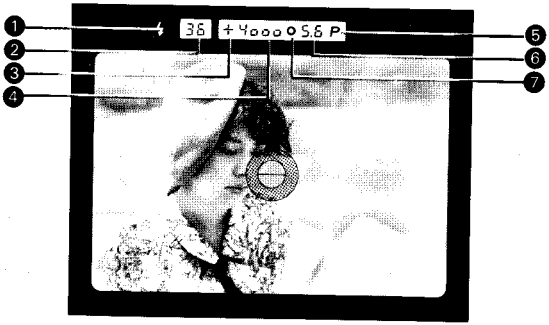
<Manual setting>
If you are using non-DX-coded film, or if you want to change the film speed manually, move the Operating Lever to the left or right while pressing the ISO Button so that the desired film speed (ISO 6—6400) appears in the Display Panel.



- 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.

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.

❶ 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.

❷ 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".

❸ 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.

❹ 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.

❺ Program Indicator

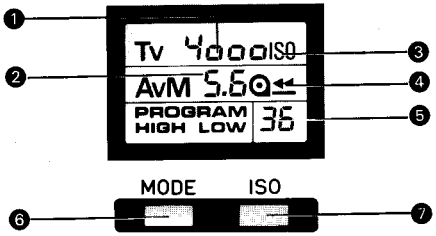
It turns on when either the standard program, high-speed program or low-speed program mode has been selected.

❻ 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.

❼ 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.

❶ 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.

❷ Aperture Value
Like the aperture display in the viewfinder, it shows the shooting aperture.

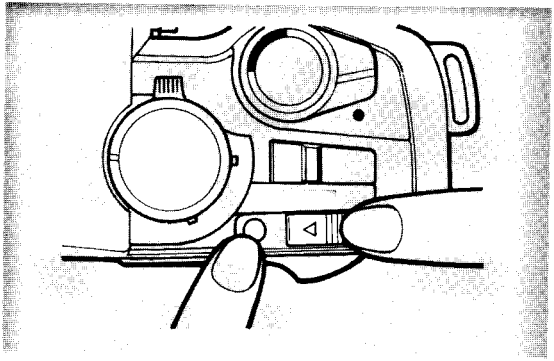
❸ ISO Indicator
It turns on when the ISO Button is pressed and the batteries are checked.

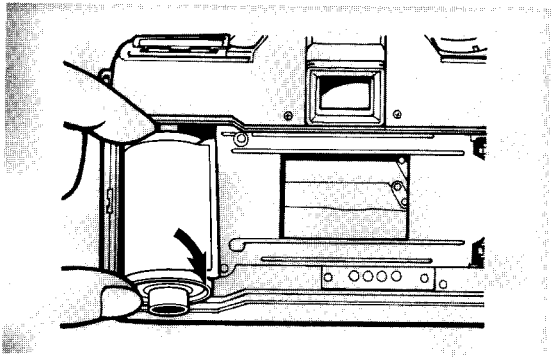
❹ Film Rewind Mark
It turns on while the film is rewinding, and turns off after rewinding is completed.

❺ 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.

❻ 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.

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





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".

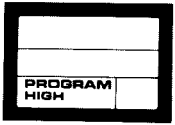
- After the film has started rewinding, remove your finger from the Rewind Switch. It will automatically return to its original position.

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.

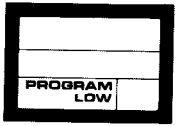
<Programmed Auto Exposure>
Among the programmed combinations of shutter speed and aperture, the camera automatically chooses the optimum combination that provides correct exposure, according to the lighting condition on the subject. This method is convenient for taking snapshots because you can concentrate your attention on the subject without worrying about exposure settings. The Contax 167MT features three modes of programmed auto exposure: Normal Program, High-speed Program and Low-speed Program modes.

❶ Normal Program: PROGRAM
This mode provides a balanced combination of shutter speed and aperture so that even the beginner can take pictures with confidence.

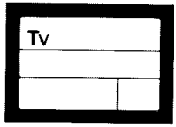
❷ High-speed Program: PROGRAM HIGH
This program gives priority to a high shutter speed with an aperture suited for it. It is good for taking fast moving subjects such as sports scenes as well as portraits with a blurred background. It also prevents camera shake with telephoto lenses.



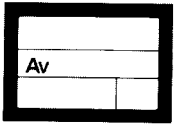
❸ Low-speed Program: PROGRAM LOW
This program gives priority to a low shutter speed with an aperture suited for it. It is good for landscape shots and still-life photos with an aperture shopped down.



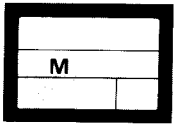
<Shutter-priority Auto Exposure: Tv>
If you set your desired shutter speed, the camera will automatically select the aperture according to the subject brightness to provide correct exposure. It is suited for sports photography.



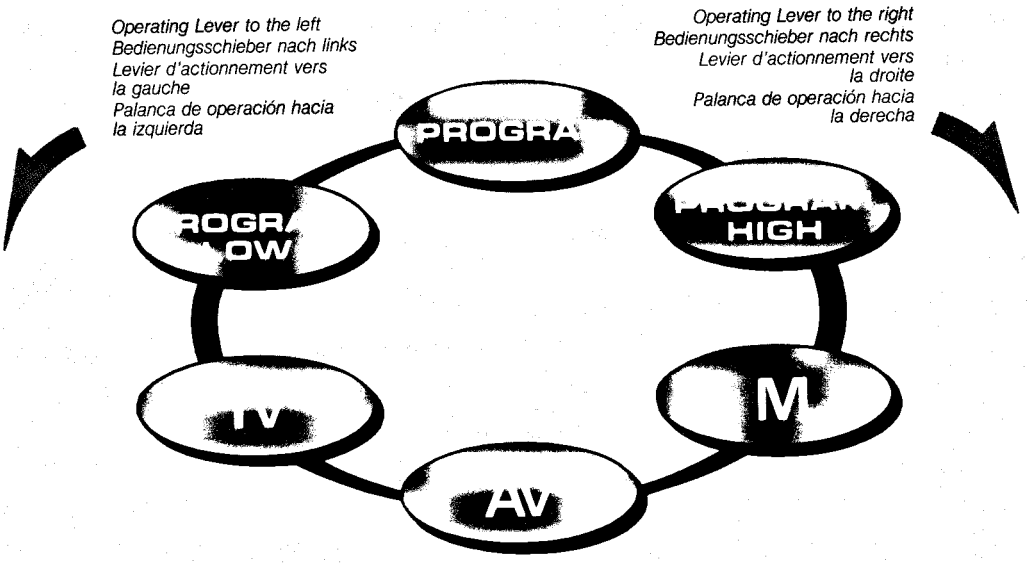
<Aperture-priority Auto Exposure: Av>
If you set your desired aperture, the camera will automatically control the shutter speed according to the subject brightness to provide correct exposure. This mode allows you to take pictures by utilizing the depth-of-field effect of a lens.



<Manual Exposure: M>
In this mode, you can select both the shutter speed and aperture you want to obtain your intended results and effects. Because the exposure you have set is displayed in the viewfinder, you can take intentionally over- or underexposed pictures without difficulty.



- If you are using an AE lens that is not an MM type, you cannot take pictures in the PROGRAM (PROGRAM HIGH and PROGRAM LOW) or Tv mode.
- When an AE lens is mounted on the camera, it switches automatically to the Av mode even if it has been set to the PROGRAM (PROGRAM HIGH/LOW) or Tv mode. Since such an automatic function is provided, the camera switches automatically to the Av mode when the Main Switch is at ON, even if you have made lens interchange between MM type lenses. Therefore, set the PROGRAM (PROGRAM HIGH/LOW) or Tv mode again, or change the lens with the Main Switch at OFF.



• If you keep on pressing the Operatng Lever for more than a second, the display in the panel will change in rapid succession.

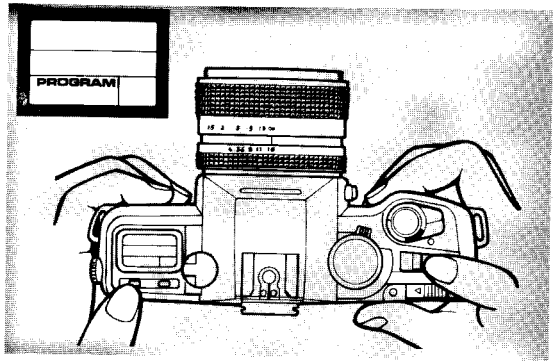
•

• Wenn Sie den Bedienungsschieber länger als eine Sekunde in eine der beiden Richtungen schieben, ändert sich die Anzeige auf dem Monitor schneller.

• Si l'on maintient le levier d'actionnement poussé pendant plus d'une seconde, l'affichage dans le panneau change en succession rapide.

•

• Si mantiene presionada la palanca de operación durante más de un segundo la indicación del panel cambiará rápidamente de forma sucesiva.



1 Set the lens to its minimum aperture and set "PROGRAM" (or "PROGRAM HIGH" or "PROGRAM LOW") in the display panel.

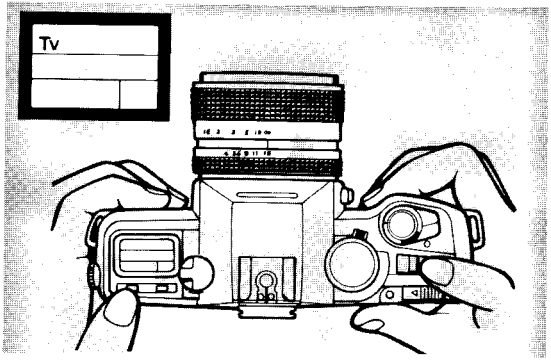
Prior to programmed auto exposure, the lens must always be set to its minimum aperture by turning the aperture ring. Then, press the Mode Button and move the Operating Lever to the right or left so that "PROGRAM" appears in the display panel. The camera will automatically set the shutter speed and aperture for correct exposure.

The minimum aperture on the aperture ring of MM type lenses is printed in green to let you see clearly that this is the setting position for programmed auto exposure and shutter-priority auto exposure.

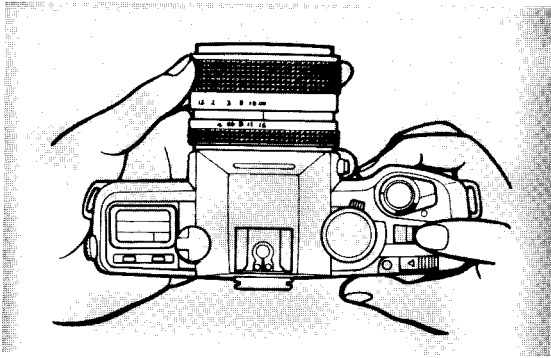
2 Focus the lens, compose your picture and shoot.

The lens is focused by turning the focusing ring. Then, compose your picture and depress the Shutter Release gently.

If you have selected the "PROGRAM HIGH" or "PROGRAM LOW" mode, too, you can take programmed automatic pictures by taking advantage of the features of each mode.



1 Set the lens to its minimum aperture and set "Tv" in the display panel.
Set the minimum aperture by turning the aperture ring. Then, press the Mode Button and move the Operating Lever to the right or left so that "Tv" appears in the display panel.



2 Set the shutter speed and shoot.
The shutter speed in the display panel will change by moving the Operating Lever alone to the right or left. If you set the desired shutter speed, the camera will automatically select the correct aperture according to the subject brightness. Then, compose your picture and depress the Shutter Release gently.

• Shutter speed can be set in 1-step increments, such as 1/4000 sec., 1/2000 sec., 1/1000 sec., ... 4 sec., 8 sec., 16 sec.

If the shutter speed you have set cannot provide correct exposure because the aperture suited for it is beyond the lens' aperture range, the camera will automatically change the shutter to always give you correct exposure.

●

• Die Verschlußzeit kann in ganzen Stufen eingestellt werden, z. B. 1/4000, 1/2000, 1/1000, ..., 4, 8, 16 Sek.

Wenn sich mit der von Ihnen eingestellten Verschlußzeit keine einwandfreie Belichtung erzielen läßt, da sich der dafür geeignete Blendenwert außerhalb des Blendenbereiches des verwendeten Objektivs befindet, so verändert die Kamera die Einstellung der Verschlußzeit automatisch, um stets eine richtige Belichtung zu gewährleisten.

• La vitesse d'obturation peut être réglée en incréments de 1 cran tel que 1/4000 sec., 1/2000 sec., 1/1000 sec., ..., 4 sec., 8 sec., 16 sec.

Si la vitesse d'obturation que l'on a réglée ne peut permettre d'obtenir une exposition correcte car l'ouverture de diaphragme lui convenant est au-delà de la gamme d'ouverture de l'objectif, l'appareil change automatiquement la vitesse d'obturation pour assurer une exposition correcte.

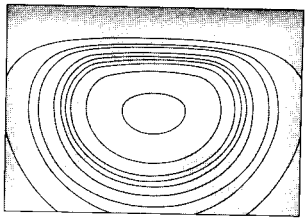
●

• La velocidad del obturador puede ajustarse en incrementos de 1 paso como por ejemplo a 1/4000 de seg., 1/2000 de seg., 1/1000 de seg., ... 4 seg., 8 seg., 16 seg.

Si la velocidad del obturador ajustada no puede ofrecer una exposición correcta porque la abertura correspondiente está fuera del margen de aberturas del objetivo, la cámara cambiará automáticamente la velocidad para darle siempre una exposición correcta.

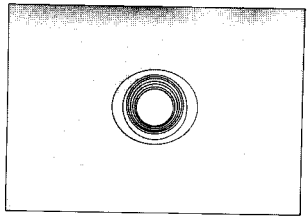
The camera provides two metering methods: center-weighted metering and spot metering. Choose either method according to your photographic object and shooting conditions.

<Center-weighted Metering> (Main Switch at "□")
This method measures the light by placing emphasis on the central part of the picture frame to measure exposure and also takes into account the brightness of the surrounding area. It is suited not only for ordinary shots, but also for taking fast-moving subjects because it reacts well to fluctuations of light.



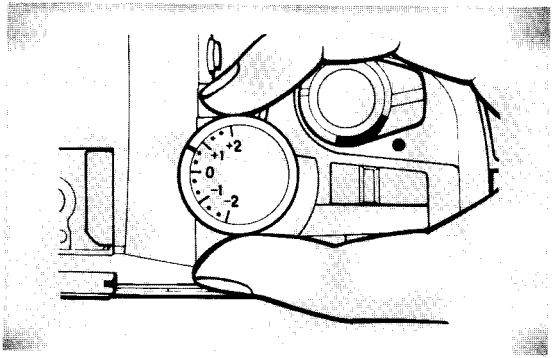
Metering Sensitivity Chart
Meßempfindlichkeits-Tabelle
Tableau de sensibilité de mesure
Cuadro de sensibilidad de fotometría

<Spot Metering> (Main Switch at "○")
This method measures only the brightness of the subject in the microprism in the center of the viewfinder to determine the exposure. It is useful for shooting backlighted portraits or spotlighted stage scenes where the subject and its background are extremely different in brightness, as well as for obtaining a dramatic effect by measuring only a particular part of the subject.



Metering Sensitivity Chart
Meßempfindlichkeits-Tabelle
Tableau de sensibilité de mesure
Cuadro de sensibilidad de fotometría

Using the Exposure Compensation Dial



The Exposure Compensation Dial is normally set at "0", whether you are shooting in the programmed, shutter-priority or aperture-priority auto exposure mode.
If you want to compensate exposure, turn the Exposure Compensation Dial and set the desired compensating value opposite the index. Exposure compensation is possible in 1/3-EV increments in the range of +2 EV ~ −2 EV.

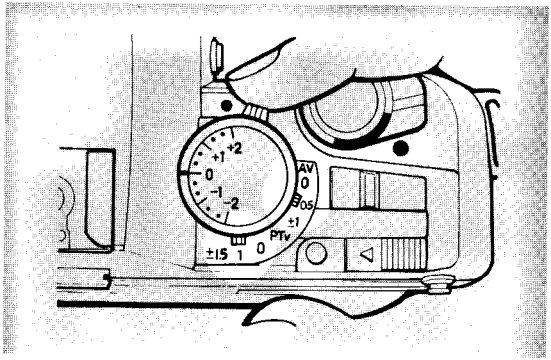
For exposure compensation of +1/3 ~ +2 EV
Für eine Belichtungskorrektur von +1/3 bis +2 EV
Pour compensation d'exposition de +1/3 ~ +2 EV
Para la compensación de la exposición de +1/3 a +2 EV

For exposure compensation of −1/3 ~ −2 EV
Für eine Belichtungskorrektur von −1/3 bis −2 EV
Pour compensation d'exposition de −1/3 ~ −2 EV
Para la compensación de la exposición de −1/3 a −2 EV

The "+" sign will turn on in the viewfinder if compensation is made in a range of +1/3 EV ~ +2 EV; and the "−" sign will turn on in the case of −1/3 EV ~ −2 EV. Depending on the amount of compensation, both the shutter speed and aperture will change in the programmed auto exposure mode, only the aperture in the shutter-priority auto exposure mode, and only the shutter speed in the aperture-priority auto exposure mode.

After shooting, always reset the compensation dial to "0".

Automatic Continuous Exposure Compensation



If you want to shoot several frames of the same picture by using exposure compensation to obtain an intended effect, or if you want to take extra pictures with exposure values shifted, this automatic continuous compensation function is very convenient because it allows you to take pictures by changing the degree of exposure compensation in three steps automatically.

1 Set the compensating value with the Compensating Value Setting Lever. The mode will switch to automatic continuous exposure compensation.

This function can be used in an auto exposure mode. The setting index for each mode is identified by color as follows:

Exposure Mode Belichtungsbetriebsart Mode d'exposition Modo de exposición	Compensating Value (EV) Korrekturwert (EV) Valeur de compensation (EV) Valor de compensación (EV)		
Av	0.5	(white) (weiß) (blanc) (blanco)	±1	(white) (weiß) (blanc) (blanco)
PROGRAM Tv	1	(green) (grün) (vert) (verde)	±1.5	(green) (grün) (vert) (verde)

- After shooting with automatic continuous exposure compensation, always reset the compensating value to "0".
- When the Exposure Compensation Dial is set at any other position than "0", automatic continuous exposure compensation is effected on the basis of the compensating value that is set.

Type: 35 mm SLR featuring Auto/Manual exposure modes and focal-plane shutter.
Pictures Size: 24 × 36 mm.
Lens Mount: Contax/Yashica mount.
Shutter: Electronic vertical-travel metal focal-plane shutter (quartz controlled).
Shutter Speeds: 1/4000 to 16 sec. in auto mode; 1/4000 to 16 sec., and "bulb" (B) in manual mode.
Self-timer: Quartz-controlled electronic self-timer with 10-sec. delay; blinking operation indicator LED; exposure counter counts down from 10 to indicate remaining time (sec.).
Shutter Release: Electromagnetic release with cable release socket.
Exposure Control: Exposure mode is set with operating lever while pressing mode button. Exposure modes: (1) Standard programmed auto exposure, (2) Programmed high-speed auto exposure, (3) Programmed low-speed auto exposure, (4) Shutter-priority auto exposure, (5) Aperture-priority auto exposure, (6) Manual exposure, (7) Programmed TTL auto-flash, (8) Aperture priority TTL auto-flash, (9) Manual type TTL auto-flash, (10) Manual flash.
Metering System: TTL center-weighted metering/TTL spot metering (spot metering LCD turns on in viewfinder in case of spot metering); TTL center-weighted direct light metering with TLA system flash; SPD (silicon photo diode) cell.
Metering Range: EV 0 ~ 20 on center-weighted metering and EV 2 ~ 20 on spot metering (ISO 100, F1.4).
Film Speed Range: ISO 25 ~ 5000 in DX auto mode, ISO 6 ~ 6400 in manual mode; film speed setting is displayed in display panel by pressing ISO button.
Flash Synchronization: X contact only; as soon as flash is fully charged, shutter speed automatically switches to 1/125 sec. with dedicated flash; flash synchronization at 1/125 sec. or slower in manual mode.
AE Lock: Quantity of light on subject is stored in memory.
Exposure Compensation: +2 EV ~ −2 EV (click stops in 1/3-EV steps)
Automatic Continuous Exposure Compensation: Via compensation value setting lever.
Viewfinder: Pentaprism eye-level finder (long eye-point type); 95% field of view, 0.82X magnification (with 50 mm lens at infinity).
Focusing Screen: Standard horizontal split-image/microprism screen; interchangeable screens available.
Display in Viewfinder: Exposure compensation, shutter speed/film speed, aperture, exposure counter (also displays elapsed time in bulb exposure and remaining time in self-timer shots), spot metering mark, program mode, flash symbol.
Display Panel: Shutter speed/film speed, aperture, exposure counter (also displays elapsed time in bulb exposure and remaining time in self-timer shots), shooting modes (Tv, Av, M, PROGRAM, HIGH, LOW), ISO speed, film rewind mark.
Film Winding: Automatic film loading with micromotor; automatic film advance; automatic film positioning on exposure counter "01".
Film Rewind: Automatic rewinding with rewind release button and rewind switch; automatic stop when rewinding is completed, film can be rewound in mid-roll.
Exposure Counter: Automatic reset, additive counter displayed in both display panel and viewfinder; shutter operates at 1/125 sec. until film advances to "01".
Accessory Shoe: Direct X-contact hot shoe (provided with TLA flash contact).

Drive Mode: Single frame, continuous and self-timer shooting switchable with drive mode selector; continuous shooting up to 3 frames/sec.
Camera Back: Can be opened by camera back release lever; detachable; provided with film check window and film transport signal.
Power Source: Four 1.5 V AAA-size batteries. Built-in lithium backup battery for memory protection.
Battery Check: By pressing ISO button and mode button at the same time.
Battery Capacity: About 50 rolls of 24-exposure film (with AAA-size alkaline-manganese batteries at normal temperature; according to Contax testing conditions).
Other: Aperture stop-down button, contact for data back.
Dimensions: 149 (W) × 91.5 (H) × 51.5 (D) mm.
Weight: 620 g (without batteries).

To make full use of the capabilities of this camera, it is recommended to use our interchangeable lenses and accessories. We may not be able to make repair for the damage or trouble that has occurred when it was used with products of other makes offered for use with Contax cameras.

Kameratyp: Einäugige Kleinbild-Spiegelreflexkamera mit Auto/manueller Belichtung und Schlitzverschluß
Bildformat: 24 × 36 mm
Objektivfassung: Contax/Yashica-Bajonettfassung
Verschluß: Quarzstabilisierter, elektronisch gesteuerter, vertikal ablaufender Metall-Schlitzverschluß
Verschlußzeiten: 1/4000 bis 16 Sek. bei Automatikbetrieb; 1/4000 bis 16 Sek. und "bulb" (Zeitaufnahme) bei manuellem Betrieb
Selbstauslöser: Quarzgesteuerter elektronischer Selbstauslöser mit 10 Sek. Vorlaufzeit. LED blinkt beim Betrieb; Bildzählwerkanzeige verringert sich zur Anzeige der verbleibenden Vorlaufzeit von 10 auf 0 (Sek.).
Verschlußauslöser: Elektromagnetisches Auslösesystem mit Auslöserbuchse.
Belichtungssteuerung: Einstellung der Belichtungsbetriebsart über Bedienungsschieber bei gedrückt gehaltener Betriebsartentaste. Belichtungsbetriebsarten: (1) Normalprogramm-Belichtungsautomatik, (2) Kurzzeitprogramm-Belichtungsautomatik, (3) Langzeitprogramm-Belichtungsautomatik, (4) Belichtungsautomatik mit Verschlußzeitvorwahl, (5) Belichtungsautomatik mit Blendenvorwahl, (6) manuelle Belichtung, (7) programmierte TTL-Blitzautomatik, (8) TTL-Blitzautomatik mit Blendenvorwahl, (9) manuelle TTL-Blitzautomatik und (10) manueller Blitz.
Meßsystem: TTL-Offenblenden-Lichtmessung mit Mittenbetonung und TTL-Offenblenden-Spotmessung (LED leuchtet bei Spotmessung im Sucher auf); direkte TTL-Lictmessung mit Mittenbetonung beim TLA-Blitzsystem; Silizium-Fotodiode.
Meßbereich: EV 0 bis EV 20 bei mittenbetonter Lichtmessung, EV 2 bis EV 20 bei Spotmessung (f/1,4-Objektiv, ISO 100)
Filmempfindlichkeitsbereich: ISO 25 bis 5000 in DX-Auto-Betriebsart, ISO 6 bis 6400 in manueller Betriebsart; auf Drücken