

This manual is for reference and historical purposes, all rights reserved.

This page is copyright© by M. Butkus, NJ.

This page may not be sold or distributed without the expressed permission of the producer

I have no connection with any camera company

On-line camera manual library

This is the full text and images from the manual. This may take 3 full minutes for the PDF file to download.

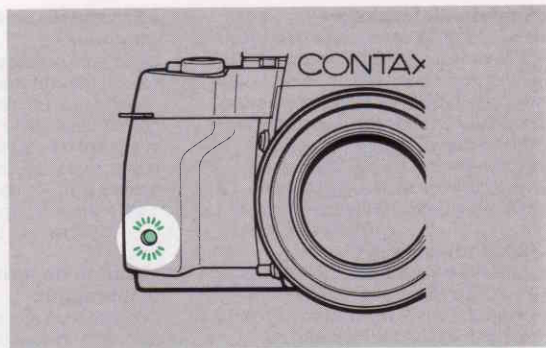
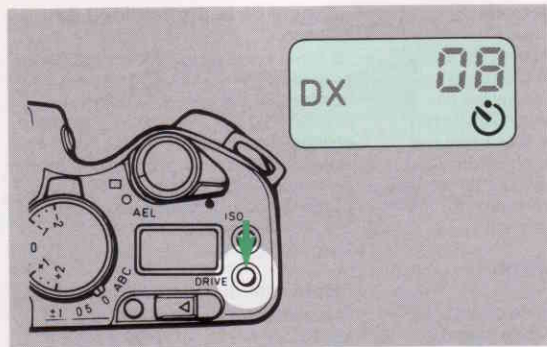
If you find this manual useful, how about a donation of \$3 to: M. Butkus, 29 Lake Ave., High Bridge, NJ 08829-1701 and send your e-mail address so I can thank you. Most other places would charge you \$7.50 for a electronic copy or \$18.00 for a hard to read Xerox copy.

This will allow me to continue to buy new manuals and pay their shipping costs.

It'll make you feel better, won't it?

**If you use Pay Pal or wish to use your credit card,
click on the secure site on my main page.**

Using the Self-timer



1 Focus the lens on your subject and set the drive mode to "⌚" with the drive mode selector button. The self-timer mark will blink.

- The self-timer cannot be used when the camera is set for bulb exposure.
- To shoot with the self-timer, mount the camera on a tripod.

2 Depress the shutter release. The self-timer will start and trip the shutter in 10 seconds. While the self-timer is running, the exposure counter will show the remaining time in seconds until the shutter trips. The self-timer LED in the camera front will also blink.

- When taking pictures in an auto exposure mode (Av, Tv or P), cover the viewfinder eyepiece with the eyepiece shutter or use the AE lock to prevent extraneous light from entering through it.
- If the shutter release is depressed while the self-timer is running, the counter will reset itself and start to count the remaining time.
- In the following cases, the self-timer operation will be canceled.
 - When the main switch is switched.
 - When the drive mode is switched.
 - When the exposure mode is set to "B" (bulb)
 - When the rewind lever is set to ON.

When taking pictures indoors or at night, it is recommended to use flash.

In combination with the Contax TLA Flash System, this camera is designed to provide "TTL direct light metering" in which the amount of flash light can be automatically controlled on the camera side.

<Taking Pictures on TTL Direct Light Metering>

1 Mount the TLA flash unit on the camera.

Set the flash unit to "TTL AUTO" and turn on the power switch.

As soon as the flash is fully charged, the mark "⚡" will turn on in the viewfinder and the shutter speed will automatically be set depending on the camera's exposure mode.

■ Aperture-priority auto exposure mode (Av):

Measured Value in Ambient Light	Automatically Set Shutter Speed	(Display)
LT~1/60 sec.	1/60 sec.	"60" blinks.*
1/60~1/250 sec.	1/60~1/200 sec.	Either one from "60" to "125 · 250" blinks.
1/250~1/6000 sec.	1/200 sec.	Both "125" and "250" blink.*

* While the measured value of shutter speed turns on with steady light, the automatically set shutter speed will blink.

Bei Innenaufnahmen und Nachtszenen empfiehlt sich der Gebrauch des Blitzes.

Bei Verwendung des Contax TLA-Blitzsystems gestattet Ihnen diese Kamera Blitzaufnahmen mit direkter TTL-Lichtmessung, bei denen die erforderliche Lichtmenge des Blitzes automatisch von der Kamera geregelt wird.

<Blitzaufnahmen mit direkter TTL-Lichtmessung>

1 Bringen Sie das TLA-Blitzgerät an der Kamera an.

Stellen Sie das Blitzgerät auf "TTL AUTO" und schalten Sie das Blitzgerät ein.

Sobald der Blitz vollständig aufgeladen ist, erscheint das Blitzsymbol "⚡" im Sucher, und die Verschlusszeit wird automatisch entsprechend der Belichtungsbetriebsart der Kamera eingestellt.

■ Belichtungsautomatik mit Blendenvorwahl ("Av"):

Meßwert bei natürlichem Licht	Automatisch eingestellte Verschlusszeit	(Anzeige)
LT~1/60 Sek.	1/60 Sek.	"60" blinkt.*
1/60~1/250 Sek.	1/60~1/200 Sek.	Eine der Anzeigen von "60" bis "125 · 250" blinkt.
1/250~1/6000 Sek.	1/200 Sek.	"125" und "250" blinken.*

* Die Anzeige des Meßwertes leuchtet stetig, und die Anzeige der automatisch eingestellten Verschlusszeit blinkt.

■ Shutter-speed-priority auto exposure mode (Tv):

Shutter Speed Setting on Dial	Automatically Set Shutter Speed	(Display)
1~1/125 sec.	1~1/125 sec. (blinks)	(Shutter speed which is set on the dial).
X, 1/125~1/4000 sec.	1/200 sec.	Both "125" and "250" blink.

- * While the measured value of shutter speed turns on with steady light, the automatically set shutter speed will blink.
- The aperture cannot be automatically set. Pictures are taken with the aperture which is set on the lens' aperture ring.

■ Programmed auto exposure mode (P):

Measured Value in Ambient Light		
LT~1/60 sec.	1/60 sec.	"60" blinks.*
1/60~1/250 sec.	1/60~1/200 sec.	Either one from "60" to "125 · 250" blinks.
1/250~1/6000 sec.	1/200 sec	Both "125" and "250" blink.

- * While the measured value of shutter speed turns on with steady light, the automatically set shutter speed will blink.
- The aperture is automatically set (F4 for ISO 100).
- When the subject is bright, the aperture is automatically adjusted for daylight flash.

■ Belichtungsautomatik mit Verschlusszeitenvorwahl ("Tv"):

Mit Verschlusszeitvorwahl eingest. Verschlusszeit	Automatisch eingest. Verschlusszeit	
1~1/125 Sek.	1~1/125 Sek. (blinkt)	(mit Verschlusszeitenring eingestellte Verschlusszeit)
X, 1/125~1/4000 Sek.	1/200 Sek.	"125" und "250" blinken.

- * Die Anzeige des Meßwertes leuchtet stetig, und die Anzeige der automatisch eingestellten Verschlusszeit blinkt.
- Die Blende kann nicht automatisch eingestellt werden. Aufnahmen werden mit der Blende gemacht, die mit dem Blendenring des Objektivs eingestellt wurde.

■ Programm-Belichtungsautomatik ("P"):

LT~1/60 Sek.	1/60 Sek.	"60" blinkt.*
1/60~1/250 Sek.	1/60~1/200 Sek.	Eine der Anzeigen von "60" bis "125 · 250" blinkt.
1/250~1/6000 Sek.	1/200 Sek.	"125" und "250" blinken.

- * Die Anzeige des Meßwertes leuchtet stetig, und die Anzeige der automatisch eingestellten Verschlusszeit blinkt.
- Die Blende wird automatisch eingestellt (f/4 bei ISO 100).
- Wenn das Motiv sehr hell ist, wird die Blende automatisch auf Tagesblitz-Blitzaufnahmen eingestellt.

■ Manual (M) and bulb (B) exposure:

- Because the shutter speed cannot be automatically set by the camera, be sure to set it manually to X (1/200 sec.), or 1/125 sec. or slower.
- When the shutter speed dial is set at "X", both "125" and "250" in the viewfinder will blink.
- While the measured value of shutter speed turns on with steady light, the shutter speed you have set will blink. "LT" will blink when the shutter speed dial is set at "B" (bulb).

2 Set the aperture and shoot.

- After the flash has fired, the mark "⚡" will blink for two seconds if the subject is correctly exposed.
- In the programmed auto exposure mode ("P"), the aperture is also automatically set (to F4 at ISO 100).

Caution

- If the mark "⚡" does not blink after shooting, change the aperture or the shooting distance because your subject will be underexposed.
- Be sure to set the A.B.C. lever to "0".
- Set the drive mode to the single-frame or self-timer modes. It is impossible to take flash pictures in the continuous shooting modes (C).
- The coupling range of film speeds is ISO 25 ~ 400 (without exposure compensation).

■ Manuelle Belichtung ("M") und Zeitaufnahmen ("B"):

- Achten Sie darauf, den Verschlusszeitenring auf "X" (1/200 Sek.) bzw. auf eine Verschlusszeit von 1/125 Sek. oder länger einzustellen, da die automatische Korrektur der Verschlusszeit in diesen Betriebsarten nicht zur Verfügung steht.
- Bei Einstellung des Verschlusszeitenrings auf "X" blinken die beiden Anzeigen "125" und "250" gleichzeitig im Sucher.
- Die Anzeige der von Ihnen eingestellten Verschlusszeit blinkt, und der bei natürlichem Licht gemessene Wert leuchtet stetig. Bei Einstellung des Verschlusszeitenrings auf "B" (Zeitaufnahmen) blinkt "LT".

2 Stellen Sie die gewünschte Blende am Objektiv ein und machen Sie die Aufnahme.

Nach Auslösen des Blitzes blinkt das Symbol "⚡" zwei Sekunden lang, wenn die Aufnahme richtig belichtet wurde.

- In der Betriebsart Programm-Belichtungsautomatik ("P") wird die Blende ebenfalls automatisch eingestellt (auf f/4 bei ISO 100).

Vorsicht

- Wenn das Symbol "⚡" nach der Aufnahme nicht blinkt, müssen Sie die Blendeneinstellung oder Aufnahmeentfernung verändern, da das Motiv sonst unterbelichtet wird.
- Achten Sie darauf, daß der A.B.C.-Schieber auf "0" eingestellt ist.

<Slow-shutter Synchronization Using a TLA Flash Unit>

Slow-shutter synchronization at 1/30 sec. or slower is effective for taking nighttime pictures and twilight scenes with flash.

This camera facilitates slow-shutter synchronization in combination with a TLA flash unit.

■ In the exposure mode "Av" or "P":

Set the main switch at "AEL".

In this case, the shutter speed will be locked at the measured value in ambient light in the range of "LT"~1/200 sec. Make sure the flash is fully charged and shoot.

■ In the exposure mode "Tv" or "M":

After the flash is fully charged, adjust the shutter speed dial or aperture ring so that the shutter speed you have selected (blinking) coincides with the measured value (lighting) and only one shutter speed blinks.

- When taking slow-shutter synchro flash pictures, use a tripod to prevent camera shake because the shutter speed will be slow.

- Stellen Sie als Filmtransport-Betriebsart entweder Einzel- oder Selbstauslöseraufnahmen ein. In den Serienaufnahmen-Betriebsarten ("C") sind keine Blitzaufnahmen möglich.

- Der Kopplungsbereich der Filmempfindlichkeit beträgt ISO 25 bis 400 (ohne Belichtungskorrektur).

<Synchronisation bei langen Verschußzeiten mit einem TLA-Blitzgerät>

Eine Blitzsynchronisation mit langen Verschußzeiten von 1/30 Sek. oder länger ist besonders wirksam bei Blitzaufnahmen von Nachtszenen und in der Dämmerung. Bei dieser Kamera wird die Blitzsynchronisation mit langen Verschußzeiten bei Verwendung eines TLA-Elektronenblitzes stark vereinfacht.

■ In Belichtungsbetriebsart "Av" oder "P":

Stellen Sie den Hauptschalter auf "AEL".

In einem solchen Fall wird die Verschußzeit auf den bei natürlichem Licht gemessenen Wert innerhalb des Bereiches von "LT" bis 1/200 Sek. eingestellt. Überzeugen Sie sich, daß der Blitz vollständig aufgeladen ist, und machen Sie die Aufnahme.

■ In Belichtungsbetriebsart "Tv" oder "M":

Betätigen Sie nach vollständigem Aufladen des Blitzes den Verschußzeitenring bzw. den Blendenring, so daß die Anzeige der von Ihnen gewählten Verschußzeit (blinkt) und die des Meßwertes (leuchtet) übereinstimmen.

- Bringen Sie die Kamera bei Blitzaufnahmen mit Synchronisation bei langen Verschußzeiten an einem Stativ an, um ein Verwackeln zu verhindern.

<Daylight Flash>

Subjects under direct sunlight or backlit subjects will turn out dark without exposure compensation or fill-in flash. If you use flash as fill-in light in such cases, both the subject and background will be beautifully exposed.

■ In the exposure mode "Av" or "Tv" :

Adjust the aperture so that a shutter speed of 1/200 sec. or slower is set (both "125" and "250" will blink at the same time), and shoot.

■ In the exposure mode "P" :

In bright light, the exposure is automatically adjusted for daylight flash.

■ In the exposure mode "M" :

Be sure to set the shutter speed dial to "X", or 1/125 sec. or slower, and then adjust the aperture so that the set shutter (blinking) coincides with the measured value (lighting) and only one shutter speed blinks.

● If the overexposure warning "▲" blinks and does not turn off, do not use flash. Follow the normal photography procedure and shoot.

<Using the exposure compensation dial>

If you want to bring out the mood by adjusting the amount of flash, use the exposure compensation dial.

<Tageslicht-Blitzaufnahmen>

Motive in direkter Sonneneinstrahlung oder im Gegenlicht erscheinen oft dunkel im Bild, wenn die Aufnahmen ohne Belichtungskorrektur oder Aufhellblitz gemacht werden. Wenn Sie in einem solchen Fall mit Tageslichtblitz arbeiten, werden Motiv und Hintergrund einwandfrei belichtet.

■ In Belichtungsbetriebsart "Av" oder "Tv":

Verändern Sie die Blendeneinstellung so, daß eine Verschlusszeit von 1/200 Sek. oder länger eingestellt wird (die beiden Anzeigen "125" und "250" blinken gleichzeitig), und machen Sie die Aufnahme.

■ In Belichtungsbetriebsart "P":

Bei Aufnahmen in hellem Licht wird die Belichtung automatisch auf Tagesblitz-Blitzaufnahmen eingestellt.

■ In Belichtungsbetriebsart "M":

Achten Sie darauf, den Verschlusszeitenring auf "X" bzw. auf eine Verschlusszeit von 1/125 Sek. oder länger einzustellen, und verändern Sie die Blendeneinstellung danach so, daß die Anzeigen der von Ihnen eingestellten Verschlusszeit (blinkt) und des Meßwerts (leuchtet) übereinstimmen und nur eine Verschlusszeitanzeige blinkt.

● Verwenden Sie den Blitz nicht, wenn das Überbelichtungs-Warnsymbol "▲" blinkt und nicht erlischt. In einem solchen Fall machen Sie die Aufnahme anhand des normalen Verfahrens.

<Gebrauch des Belichtungskorrekturrings>

Der Belichtungskorrekturring kann dazu verwendet werden, die Blitzlichtmenge so zu regeln, daß gewünschte Effekte erzielt werden.



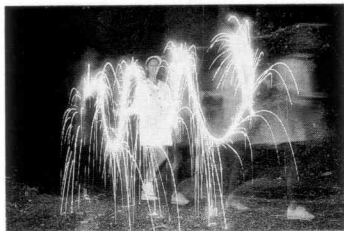
<Second Curtain Synchronization>

Second curtain synchronization is very useful for shooting moving objects using slow-shutter synchronization. In ordinary flash photography, the flash is fired immediately after the first curtain of the shutter has completed traveling (first curtain synchronization).

In combination with a Contax flash having a second curtain synchronization capability, the Contax ST can trigger the flash just before the second curtain starts to travel (second curtain synchronization).

Behind the subject illuminated by flash light, the movement of the subject illuminated by ambient light is captured like a flowing line so that its natural movement is depicted clearly.

*Picture taken with second curtain synchronization
Aufnahme mit zweiter Verschlusslamellen-Synchronisation
Photo prise avec synchronisation du deuxième rideau
Fotografía tomada con sincronización de la segunda cortina*



*Picture taken with first curtain synchronization
Aufnahme mit erster Verschlusslamellen-Synchronisation
Photo prise avec synchronisation du premier rideau
Fotografía tomada con sincronización de la primera cortina*

- The exposure is controlled in the same way as in the case of first curtain synchronization.

<Taking Pictures with Other Flash Units>

This camera has an X sync contact. If you use other flash units which do not belong to the TLA flash system, choose the manual exposure mode ("M") and set the camera's shutter speed to "X" (1/200 sec.), or 1/125 sec. or slower.

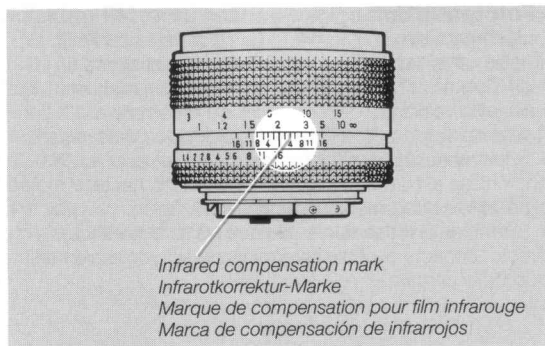
- Because some large-size flash units do not synchronize at 1/200 sec., it is recommended to make test exposure before use.
- If you use a cord type flash that has no direct contact, connect the cord to the sync terminal on the side of the camera.

<Aufnahmen mit anderen Blitzgeräten>

Diese Kamera ist mit einem X-Synchronisationskontakt ausgestattet. Achten Sie bei Verwendung von anderen Blitzgeräten als den Elektronenblitzen der TLA-Serie darauf, die manuelle Belichtungsbetriebsart ("M") zu wählen und den Verschlusszeitenring auf "X" (1/200 Sek.) bzw. auf eine Verschlusszeit von 1/125 Sek. oder länger einzustellen.

- Da bestimmte große Blitzgeräte bei 1/200 Sek. keine Synchronisation liefern, empfiehlt es sich, Testaufnahmen vor dem eigentlichen Einsatz zu machen.
- Bei Verwendung eines Kabelblitzgerätes ohne Direktkontakt schließen Sie das Kabel an die Auslöserbuche an der Seite des Kameragehäuses an.

Infrared Photography



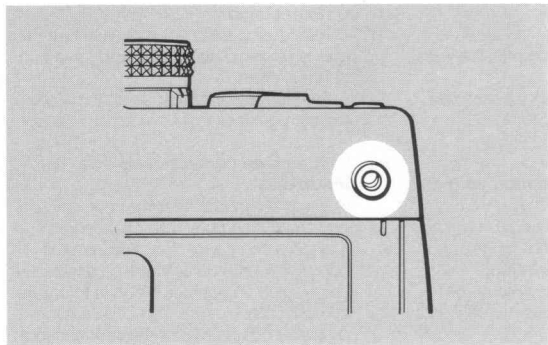
① Exposure

The camera's exposure meter cannot be used when taking pictures with an infrared film. Determine the exposure in accordance with the instructions of the infrared film.

② Infrared Compensation Mark

If you take infrared pictures with B & W infrared film (and red filter), infrared compensation is necessary because the point of focus will shift slightly compared to normal photography. Carl Zeiss lenses are provided with an infrared compensation mark for this purpose. First, focus the lens without filter as you would do normally, then attach the filter, shift that distance to the infrared mark and shoot.

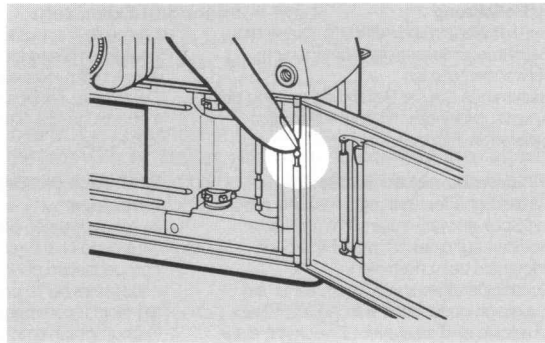
- If you use color infrared film, follow the instructions in the sheet packed with it.



<Release Socket>

The release socket has a contact for transmitting electric signals from the Cable Switch L and Auto Bellows to operate the shutter.

- Do not connect a commercially available, ordinary cable release (mechanically operated type) to this socket, because it will cause malfunction.

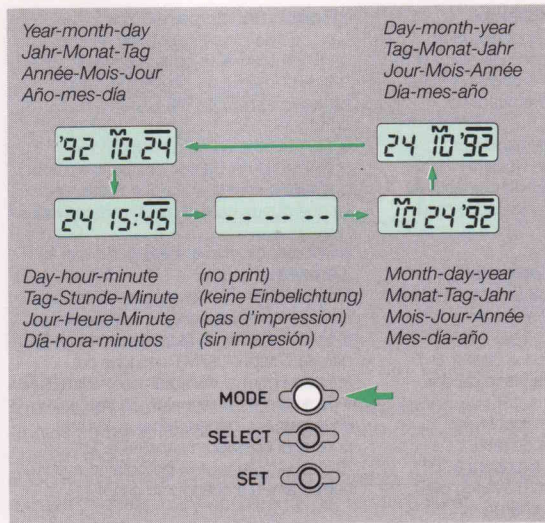


<Detaching the Camera Back>

The camera back can be detached by pushing down the coupling pin.

- You can install the Data Back D-7 for the Contax 167MT in place of the regular camera back.
- If the Data Back D-7 is mounted on the camera, caution is required because the counter will advance to "01", "02" ..., etc., even if the film is not advancing properly when it is loaded.

Printing the Date or Time



The auto dating unit in the camera back (data back) lets you print the date or time automatically in a space between the individual frames on the film.

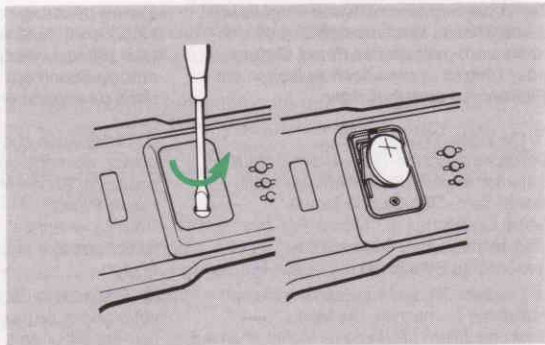
① Each time you press the date mode button, the date display will switch from “year-month-day” to “day-hour-minute”, “-- -- --” (dating off), “month-day-year”, and “day-month-year” in this order. Set your desired mode with this button.

② Depress the shutter release to take your picture. The mark “—” on the upper right of the date numbers will blink to tell you that the date has been printed on your picture.

- No date or time will be printed within the picture frame.
- The letter “M” above the month number stands for Month. It will not be printed.
- If you are shooting in the continuous shooting mode (C) with the data back in the “date printing” condition when the film speed is set to ISO 64 or less, the film winding speed will slow down. If you want to make it faster, set the dating mode to “dating off” (-- -- --).

<Correcting the Date and Time>

- ① Press the date mode button to show the number you want to correct.
- ② Press the date select button to make that number blink.
- ③ Press the date set button to set the correct date or time. (If ":" blinks in the day-hour-minute mode, you can set the correct time to 00 seconds. Press the date set button simultaneously with the time signal.)
- ④ After setting the correct date or time, press the date select button until the number stops blinking.



<Replacing the Data Back Battery>

The data back battery is a long life lithium battery (CR2025) which will normally last about 3 or 4 years. However, if the battery power becomes weaker, the date will appear faint and light on your picture or the liquid crystal display will function erratically. In such cases, replace the battery as illustrated in the above sketch.

- After changing the battery for the data back, be sure to reset the date and time.

Keep the dating unit battery (CR2025) out of reach of children. In case it has been swallowed, consult your physician immediately.

Camera Care and Precautions

- Do not leave the camera in hot places (on an ocean beach in summer, in a parked car under direct sunlight, etc.) for a long time, because the camera, film and batteries may be adversely affected.
- After taking pictures at the seaside or on mountains, clean the camera thoroughly. Salt air will cause corrosion and sand and dust will adversely affect the internal precision parts of the camera.
- To remove dust and dirt on the lens and viewfinder glass, use an air blower or a soft lens brush. If they are soiled with fingerprints, wipe off lightly with lens tissue. Remove dust and dirt on the mirror with a lens brush.
- The lens and viewfinder may be clouded if the camera is brought into a warm room from outside where it is cold. This cloudiness will disappear soon, but it is always advisable to avoid sudden temperature changes because water droplets will cause internal corrosion.
- **If you are going to use the camera for important events such as an overseas trip or wedding ceremony, be sure to test it beforehand to make sure it functions properly. It is also advisable to bring spare batteries with you.**
- To clean the camera exterior, wipe with a soft cloth. Never use benzene, thinner or other solvents.

<Camera Storage>

- Keep the camera away from heat, moisture and dust. Do not store it in a wardrobe drawer containing mothballs or in a laboratory where there are chemicals that will cause damage to it.
- If you are not likely to use the camera for an extended period of time, remove the batteries to prevent possible damage by battery leakage.

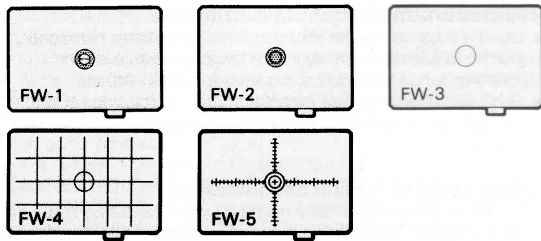
Note on the Shutter Curtain:

The shutter curtain is made of a very thin material. Never push it with your finger, or touch or wipe it. When changing film, take care that the film edge does not touch on the shutter curtain. When using an air blower, do not blow air strongly on the curtain because it may be damaged or deformed. Never use a pressurized blower.

Microcomputer protection circuit:

This camera incorporates a safety circuit to protect its microcomputer against strong external static electricity. Though rarely, it may fail to function because this safety circuit has come into action. In this case, set the main switch to OFF, remove the batteries, reload them and use the camera again.

Dedicated Accessories (separately sold)



<Focusing Screens, FW Type>

For the Contax ST, five interchangeable focusing screens are available: FW-1, FW-2, FW-3, FW-4, and FW-5. They have a circle of 5mm in diameter in the center to mark the spot metering area (an outer circle of the microprism on the FW-1 and FW-2).

- Never touch the focusing screens because they have been finished with high precision.
- When changing focusing screens, read the instructions packed with each unit carefully and always use the tweezers packed with it.

FW-1 (horizontal split-image/microprism screen).....

Standard equipment on the Contax ST. This screen enables you to focus on a split-image spot in the center, a microprism collar around it, and a surrounding matte area, and it is suited for a wide range of subjects.

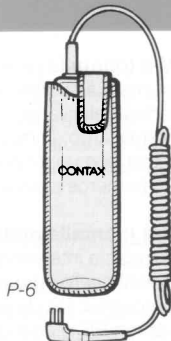
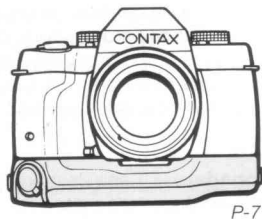
FW-2 (microprism dot/collar combination screen).....

This screen has microprisms of different angles in the center and around, and it is suited for a wide range of subjects. The microprism in the center allows you to focus precisely with a wide-aperture lens, and the surrounding one allows you to focus effectively with a narrow-aperture lens.

FW-3 (matte screen).....This screen consists of a matte area all around and is suited for a relatively narrow-aperture lens such as a long-focus lens. It is also suited when it is difficult to focus with a microprism or split-image spot for close-ups and others.

FW-4 (sectioned matte screen).....It has ruled lines at 6mm intervals on a matte screen and is especially suited for taking pictures by using camera movements with Auto Bellows or PC Distagon or when it is necessary to determine the composition strictly for copying work, etc.

FW-5 (cross-scale screen).....This screen is used for photomicrography and high-magnification close-ups. It has a cross scale with a bright, transmitting spot in the center. Adjust the focus so that the image does not shift with regard to the cross line by shifting the eye slightly to the left or right. Focusing can also be done on a surrounding matte area. The scale lines (1mm steps) enable you to estimate the size and magnification of the image



<Battery Holder P-7>

This battery holder holds four AA-size alkaline or manganese batteries or rechargeable NiCd batteries of equivalent size. Because they provide a higher capacity than AAA-size batteries, this holder is convenient when you want to take many shots at a time. Because it is equipped with a shutter release for the vertical position, you can take vertical-position pictures in a natural posture.

A connector for external power supply is also provided on the P-7 for connecting the Power Pack P-6 (optional accessory). If you use this power pack, you can avoid a decrease in battery performance in cold weather by taking pictures while keeping it warm.

- AA-size manganese batteries cannot be used because their capacity is too low.

Battery types and their capacities (Number of rolls of 24-exposure film that can be exposed with new batteries; according to Contax testing standard)

Batterien und ihre Kapazität (Anzahl von Rollen 24er Films, die mit frischen Batterien belichtet werden können; diese Angabe beruht auf Contax-Testbedingungen.)

Les piles et leur capacité (nombre de rouleaux de 24 poses pouvant être exposés avec des piles neuves; d'après les normes d'essai de Contax.)

Pilas y su capacidad (número de rollos de 24 exposiciones que pueden exponerse con pilas nuevas; según las normas de prueba de Contax).

Type of Battery Batterietyp Type de pile Tipo de pilas	Ordinary temperature Normaltemperatur Température ordinaire Temperatura normal
Four 1.5V alkaline batteries (AA size) Vier 1,5-V-Alkalibatterien (AA) Quatre piles alcalines de 1,5 V (taille AA) Cuatro pilas alcalinas de 1,5 voltios (Tamaño AA)	About 125 ca. 125 Environ 125 Cerca de 125
Four 1.2V Ni-Cd batteries (AA size) Vier 1,2-V-NiCd-Akkus (AA) Quatre piles Ni-Cd de 1,2 V (taille AA) Cuatro pilas de Ni-Cd de 1,2 voltios (Tamaño AA)	About 70* ca. 70* Environ 70* Cerca de 70*

* When fully charged. /* Im vollständig aufgeladenen Zustand.
* Entièrement chargé./* Cuando están completamente cargadas.

<Diptor Adjustment Lenses, FM Type>

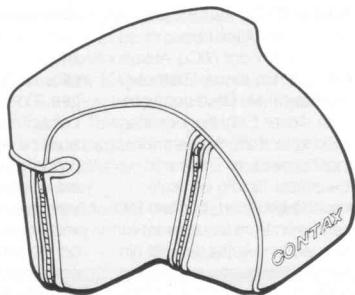
If you cannot adjust the eyepiece to your eyesight with the camera's diopter adjuster (+1D ~ -3D), use the eyesight adjustment lenses, FM type (optional accessories). The diopter correcting ranges with these lenses are as follows:

Diopter Adjustment Lens	Diopter Correcting Range
FM -3	-5.0D ~ -1.5D
FM +2	-0.5D ~ +4.0D

Attaching the FM type diopter adjustment lens:

Remove the eyepiece ring on the camera and screw in the diopter adjustment lens.

- Store the removed eyepiece ring carefully so that it does not get lost.



<Flex Case C-2>

By extending or contracting its front end, this case accommodates the Contax ST with a Carl Zeiss T* lens with a focal length of 135mm or shorter, or a Vario-Sonnar zoom lens 40 ~ 80mm, 35 ~ 70mm or 28 ~ 85mm.

* Use the Flex Case C-1 when the camera is equipped with a Battery Holder P-7.

Specification

Type: Auto-exposure 35mm single-lens-reflex camera with focal plane shutter.

Picture Size: 24 × 36mm

Lens Mount: Contax/Yashica MM mount.

Shutter: Vertical-travel metal focal-plane shutter.

Shutter Speeds: Automatic modes....16 sec. to 1/6000 sec. at "Av" and "P", 1 sec. to 1/4000 sec. (setting values) at "Tv"; Manual mode....1 sec. to 1/4000 sec., B and X (1/200 sec.).

Sync Contacts: Direct X contact (synchronizing speeds 1/200 sec. or slower), provided with sync terminal.

Self-timer: Electronic self-timer with a 10 sec. delay.

Shutter Release: Electromagnetic release, provided with a special release socket.

Exposure Control: ① Aperture-priority auto exposure, ② Shutter-speed-priority auto exposure, ③ Programmed auto exposure, ④ Manual exposure, ⑤ TTL auto flash control, ⑥ Manual flash control.

Metering System: TTL center-weighted average light metering/spot metering switchover.

Metering Range: EV 0 ~ 20 on center-weighted average light metering, EV 4 ~ 20 on spot metering (ISO 100, F1.4).

Film Speed Range: ISO 25 ~ 5000 for automatic setting with DX film, ISO 6 ~ 6400 for manual setting.

AE Lock: The quantity of light on the image surface is stored in memory.

Exposure Compensation: +2 EV ~ -2 EV (can be set in 1/3-EV increments).

A.B.C. Mode: ±0.5 EV/±1 EV exposure compensating values with A.B.C. lever..

Flash Light Control: TTL direct light control.

Automatic Shutter Speed Switching: In combination with dedicated flash, the shutter speed is automatically set when the flash is fully charged.

Second Curtain Synchronization: Possible with Contax flash having a second curtain synchronization capability.

Viewfinder: Pentaprism eye-level finder (long eye-point type), approx. 95% field of view, approx. 0.8X magnification (with 50mm lens at infinity and -1D diop. eyepiece) .

Dioptr Adjustment: Built-in diopter adjuster, correctable range +1D ~ -3D.

Focusing Screen: Horizontal split-image/microprism type (standard), interchangeable screens available.

Display in Viewfinder: Shutter speed, aperture, overexposure/underexposure warning, A.B.C. mode, exposure compensation, metering mode, exposure counter, flash mark.

Display Panel: Exposure counter/film speed/remaining time on self-timer/elapsed time on bulb exposure, drive modes (single-frame exposure, continuous shooting, self-timer), battery warning mark.

Film Loading: Auto loading, automatic film positioning to "01" on counter.

Film Advance: Automatic winding with built-in motor .

Film Rewinding: Automatic rewinding with built-in motor, automatic stop after rewinding is completed, mid-roll rewinding possible.

Exposure Counter: On display panel and viewfinder, both automatically resetting, additive type; displays the A.B.C.

Accessory Shoe: Direct X-contact hot-shoe (provided with TLA flash contact) .

Drive Modes: Single-frame exposure, continuous shooting, and self-timer modes.

Winding Speed: Up to about 3 frames/sec. on continuous shooting ("C" mode) (with new AAA-size alkaline batteries, at ordinary temperature, as tested according to Contax testing standard).

Technische Daten

Camera Back: Can be opened by camera back opening lever, detachable, provided with data back and film check window.

Data back: Built-in quartz clock (auto calendar), dates are printed in a space between frames (outside the picture area) simultaneously with film winding.

Power Source: Four AAA-size 1.5V alkaline batteries or four AAA-size 1.2V NiCd batteries, one lithium data-back battery (CR2025) in camera back.

Battery Check: Automatic check, battery warning mark in display panel.

Battery Capacity: About 50 rolls of 24-exposure film (with new AAA-size alkaline batteries, at ordinary temperature, as tested according to Contax testing standard).

Other: Aperture stop-down button.

Dimensions: 151.5 (W) x 97.5 (H) x 55 (D) mm

Weight: 800 g (without batteries) .

**Specifications and design are subject to change without notice.*

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

Kameratyp: Einäugige Spiegelreflexkamera mit Belichtungsautomatik und Schlitzverschluss

Bildformat: 24 x 36 mm

Objektivfassung: Contax/Yashica-MM-Anschluß

Verschluss: Vertikal ablaufender Metall-Schlitzverschluss

Verschlusszeiten: 1/6000 bis 16 Sek. bei Automatikbetrieb in den Betriebsarten "Av" und "P", 1/4000 bis 1 Sek. in der Betriebsart "Tv" (Einstellwerte); 1/4000 bis 1 Sek., "B" und "X" (1/200 Sek.) bei manuellem Betrieb ("M").

Synchronisationskontakte: Direkt-X-Kontakt (Synchronisation bei 1/200 Sek. oder länger) und Synchronisationsanschluß

Selbstauslöser: Elektronischer Selbstauslöser mit 10 Sek. Vorlaufzeit

Verschlussauslöser: Elektromagnetisches Auslösesystem mit Spezialauslöserbuchse

Belichtungsbetriebsarten: ① Belichtungsautomatik mit Blendenvorwahl, ② Belichtungsautomatik mit Verschlusszeitenvorwahl, ③ Programm-Belichtungsautomatik, ④ manuelle Belichtung, ⑤ TTL-Blitzautomatik, ⑥ manueller Blitz

Meßsystem: TTL-Offenblenden-Lichtmessung mit Mittenbetonung und TTL-Offenblenden-Spotmessung (umschaltbar)

Meßbereich: EV 0 bis EV 20 bei mittenbetonter Lichtmessung, EV 4 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

Meßwertspeicher: Der Wert der auf dem Motiv gemessenen Lichtmenge wird festgehalten.

Belichtungskorrektur: +2 EV bis -2 EV (mit 1/3-EV-Schritt-Raststellungen)

A.B.C.-Betriebsart: Belichtungskorrekturwerte von $\pm 0,5$ EV und ± 1 EV über A.B.C.-Schieber

Blitzlichtregelung: Direkte TTL-Lichtregelung