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OM77AF

Taking Photographs III (Flash Photography)

- E** With the Power Flash Grip 300 mounted, the **OM77AF** is the world's first autofocus SLR with a built-in flash. When connected to the Full-Synchro Flash F280, the first electronic flash in the world capable of synchronizing with all shutter speeds up to 1/2000 sec., it can be used in any light conditions to provide for simple fill-in flash photography at a touch of the shutter release.

Prise de vues III (Photographie au flash)

- F** Avec la poignée "Flash" 300 montée, l'**OM77AF** est le premier appareil photo reflex mono-objectif autofocus du monde avec un flash incorporé. Avec le flash "Full-Synchro" F280, premier flash synchro toutes vitesses jusqu'au 1/2000 sec, il suffit d'appuyer sur le déclencheur pour réussir en toutes conditions d'éclairage des photographies en synchro flash plein jour.

Toma de fotografías III (Fotografía con flash)

- S** Con la Empuñadura de Alimentación y Flash 300 montada, la **OM77AF** es la primera cámara reflex monocular de enfoque automático del mundo con un flash incorporado. Cuando se conecta el flash totalmente sincronizado F280, el primer flash electrónico de mundo capaz de sincronizarse con todas las velocidades de obturación de hasta 1/2000 seg., puede utilizarse en cualquier condición de iluminación, proporcionando una fotografía con flash de relleno con un solo toque del disparador.

Aufnahmetechniken III (Blitzlichtaufnahmen)

- G** Mit dem angesetzten Batteriegriff 300 mit eingebautem Blitz wird die **OM77AF** zur ersten Spiegelreflexkamera der Welt mit integriertem Blitz. Bei Anschluß des Vollsynchron-Blitz F280, dem ersten der Welt, der bei Verschlusszeiten bis zu 1/2000 Sek. synchronisiert werden kann, sind Blitzaufnahmen bei allen Lichtverhältnissen durchführbar. Selbst die Tageslicht-Aufhellblitz-Technik gelingt sofort problemlos.

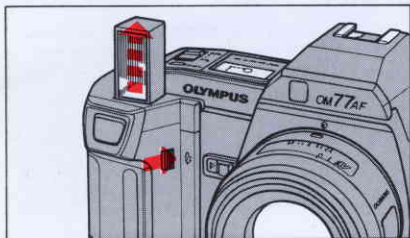
Balkus US

Using the Power Flash Grip 300

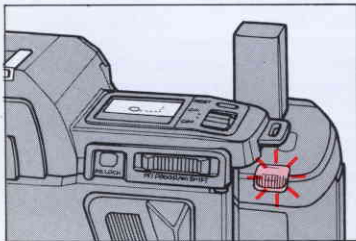
Utilisation de la poignée "Flash" 300





Uso de la Empuñadura de Alimentación y Flash 300

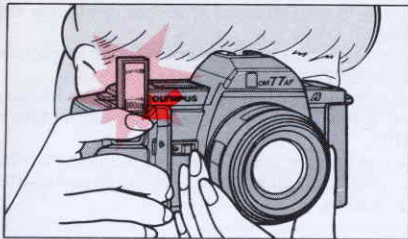
Aufnehmen mit dem Batteriegriff 300 mit eingebautem Blitz



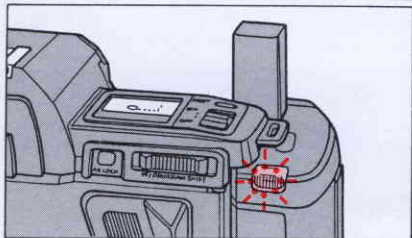
- 1**
- E** Press the flash pop-up lever to release the flash and begin charging.
 - F** Appuyer sur le levier de flash pour libérer le flash et commencer la charge.
 - S** Presione la palanca de eyección del flash para soltar el flash y comenzar la carga.
 - G** Die Blitzbereitschaftstaste drücken. Das Blitzgerät springt hoch und beginnt sich aufzuladen.



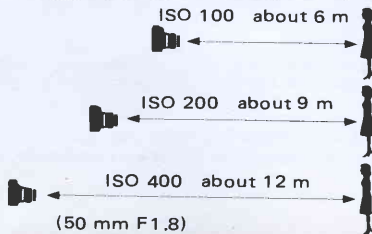
- 2**
- E** Check the charge indicator on the Power Grip's back or the  indicator in the viewfinder.
 - F** Contrôler l'indicateur de charge au dos de la poignée d'alimentation ou l'indicateur  dans le viseur.
 - S** Verifique el indicador de carga en la parte posterior de la Empuñadura de Alimentación o el indicador  en el visor.
 - G** Die Bereitschaft des Blitzgerätes wird auf der Rückseite des Blitzes und im Kamerasucher  angezeigt.

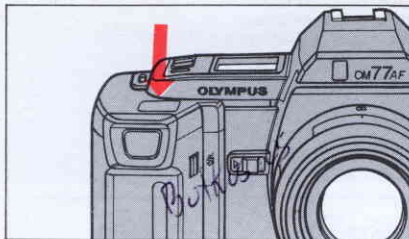


- 3** **E** Press the shutter release.
F Appuyer sur le déclencheur.
S Presione el disparador.
G Den Auslöser drücken.



- 4** **E** Check the flash indicators. will blink to indicate correct exposure. does not appear if the subject was underexposed.
F Contrôler les indicateurs de flash. clignotera pour indiquer une exposition correcte. ne s'allume pas si le sujet a été sous-exposé.
S Verifique los indicadores del flash. destellará indicando una correcta exposición. no se enciende si el objeto fue subexpuesto.
G Die Blitzkontrollanzeigen prüfen. Bei korrekter Belichtung blinkt die -Anzeige. Bei Unterbelichtung leuchtet die -Anzeige nicht auf.





- 5**
- E** Push in the flash reflector after use, and slide the power switch OFF.
 - F** Pousser le réflecteur du flash après usage et pousser l'interrupteur d'alimentation sur OFF.
 - S** Presione hacia adentro el reflector del flash después de usarlo y deslice el conmutador de alimentación hacia OFF.
 - G** Den Blitzreflektor nach der Aufnahme in das Gehäuse zurückschieben, und den Ein/Aus-Schalter auf OFF stellen.

- E**
 - Do not cover the flash reflector with your fingers.
 - The flash area is sufficient for lenses as wide as 35 mm.
 - The flash will not operate at speeds greater than 1/100 sec., or before completing recharge.
 - Charging stops when the power switch is turned OFF, or when the viewfinder display disappears. (Refer to page 22.)
- F**
 - Ne pas couvrir le réflecteur du flash avec les doigts.
 - Le flash couvre l'angle de champ des objectifs jusqu'au 35 mm.
 - Le flash ne fonctionnera pas à des vitesses supérieures au 1/100 s, ou avant la recharge complète.
 - La charge s'arrête quand l'interrupteur d'alimentation est placé sur OFF, ou quand l'affichage du viseur disparaît. (Se reporter à la page 22.)
- S**
 - No cubra el reflector del flash con sus dedos.
 - El área del flash es suficiente para objetivos de 35 mm.
 - El flash no funcionará a velocidades superiores a 1/100 seg. o antes de finalizar la carga.
 - La carga se detiene cuando se desconecta el conmutador de alimentación o cuando desaparece la indicación del visor. (Refiérase a la página 22.)
- G**
 - Den Blitzreflektor nicht verdecken.
 - Der Streuwinkel des Blitzes leuchtet Objektiv mit einer Brennweite bis zu 35 mm aus.
 - Bei kürzeren Verschlusszeiten als 1/100 Sek. oder wenn der Blitz nicht völlig aufgeladen ist, wird der Blitz nicht gezündet.
 - Der Ladevorgang wird abgebrochen, wenn die Kamera ausgeschaltet wird oder wenn die Blitzanzeige im Sucher erlischt. (Siehe Seite 22.)

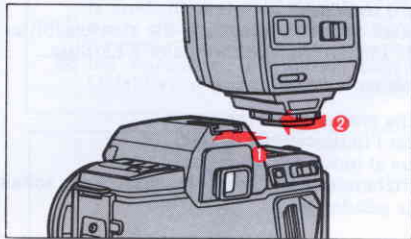
Using the Full-Synchro Flash F280

Utilisation du flash "Full-Synchro" F280

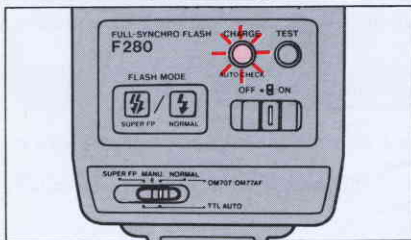
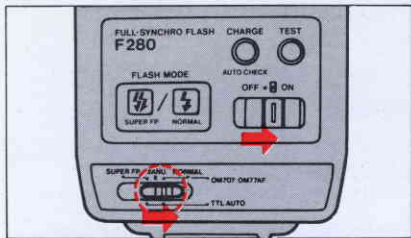
Uso del flash totalmente sincronizado F280

Aufnehmen mit Vollsynchron-Blitz F280

- E** A fully synchronized flash that is useful for fill-in flash photography as well as at night.
- F** Un flash synchro toutes vitesses qui peut être utilisé pour la photographie synchro plein jour aussi bien que dans l'obscurité.
- S** Un flash totalmente sincronizado que es útil para la fotografía con flash de relleno tanto diurna como nocturna.
- G** Ein Vollsynchron-Blitzgerät, das für Tageslicht-Blitztechnik wie für normale Blitzaufnahmen gleichermaßen geeignet ist.



- E** Slide the F280 into the shoe and secure it with the lock-screw.
- F** Glissez le F280 dans le sabot et le fixer avec la vis de blocage.
- S** Deslice el F280 en la zapata y asegúrelo con el tornillo de seguro.
- G** Das F280 auf den Blitzlichtschuh schieben und die Arretierschraube anziehen.



2 **E** Turn the power switch ON, and set the mode switch to **NORMAL** (OM-707/OM-77AF).
A Super FP or Normal "OTF" Flash will be selected automatically depending on the subject brightness.

F Mettre l'interrupteur d'alimentation sur ON et placer le commutateur de mode sur **NORMAL** (OM-707/OM-77AF).

Le mode flash Super FP ou Normal "OTF" sera sélectionné automatiquement.

S Active el conmutador de alimentación y ajuste el conmutador de modo en **NORMAL** (OM-707/OM-77AF).

Se seleccionará automáticamente un modo de flash Super FP o Normal "OTF" dependiendo del brillo del sujeto.

G Das Blitzgerät einschalten (ON) und den Programmschalter auf **NORMAL** (OM-707/OM-77AF) stellen.

Die Kamera wählt automatisch die richtige Blitzfunktion: Linearblitz oder normaler TTL-Blitz.

3 **E** Check the charge indicator.

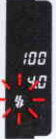
F Contrôler l'indicateur de charge.

S Verifique el indicador de carga.

G Die Blitzbereitschaftslampe leuchtet auf, sobald der Blitz geladen ist.

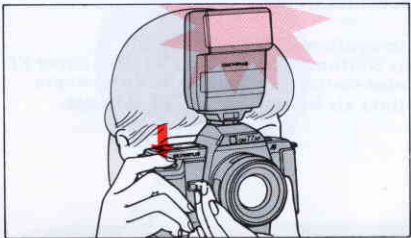


- E** When in dark places, **⚡** lights and the unit fires in the Normal "OTF" Flash mode.
- F** Dans les endroits sombres, **⚡** s'allume et le F280 éclaire en mode flash normal "OTF".
- S** En lugares oscuros, se enciende **⚡** y la unidad dispara en el modo de flash Normal "OTF".
- G** In dunklen Aufnahmesituationen leuchtet **⚡** auf und die Kamera zündet den Blitz in normaler TTL-Blitzfunktion.

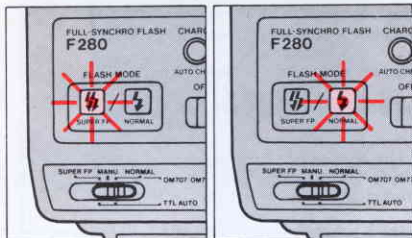


- E** When in bright places, **⚡** lights and the unit fires in the Super FP Flash mode.
- F** En zone éclairée, **⚡** s'allume et le F280 éclaire en mode flash Super FP.
- S** En lugares con mucha luz, se enciende **⚡** y la unidad dispara en el modo de flash Super FP.
- G** In hellen Aufnahmesituationen leuchtet **⚡** auf und die Kamera zündet den Blitz in Linearblitzfunktion.

- E** In the Normal "OTF" Flash mode the working range is 1 m – 7 m (3.3 – 23 ft) (50 mm F1.8 lens). You should consult the flash instruction manual for full details.
- F** En mode flash Normal "OTF", la portée est de 1 m – 7 m (objectif de 50 mm F1,8). Consulter le mode d'emploi du flash pour plus de détails.
- S** En el modo de flash Normal "OTF", el alcance de operación es de 1 a 7 m (objetivo F1,8 de 50 mm). Consulte el manual de instrucciones del flash para mayores detalles.
- G** Bei normalem Blitzbetrieb liegt der Aufnahmebereich zwischen 1 m und 7 m (1,8/50 mm Objektiv). Weitere Einzelheiten sind in der Bedienungsanleitung des Blitzgerätes aufgeführt.











- 4**
- E** Press the shutter release.
 - F** Appuyer sur le déclencheur.
 - S** Presione el disparador.
 - G** Den Auslöser drücken.







- 5
- E** Check the flash emission.
 - F** Contrôler l'exposition correcte.
 - S** Verifique si la exposición es correcta.
 - G** Die Blitz-Kontrollanzeige beachten.



- E**  blinks to indicate correct exposure in the Normal "OTF" Flash mode.
 turns off to indicate under-exposure.
- F**  clignote pour indiquer une exposition correcte en mode de flash normal "OTF".
 s'éteint pour indiquer une sous-exposition.
- S**  destella indicando una correcta exposición en el modo de flash Normal "OTF".
 se apaga indicando subexposición.
- G**  blinkt, wenn die Aufnahme in normaler TTL-Blitzfunktion korrekt belichtet wurde.
 erlischt, wenn die Aufnahme unterbelichtet wurde.



- E** In the Super FP Flash mode,  blinks to confirm a Super FP Flash.
- F** En mode flash Super FP  clignote pour confirmer l'exposition du flash Super FP.
- S** En el modo de flash Super FP,  parpadea confirmando el uso de dicho modo.
- G** Bei Aufnahmen in Linearblitzbetrieb blinkt als Bestätigung die  -Anzeige.

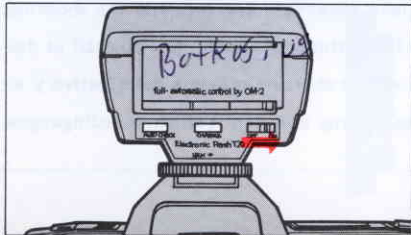
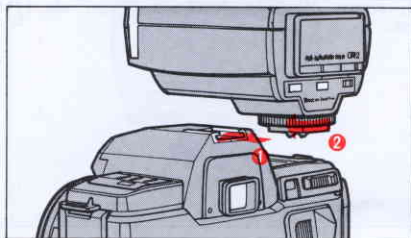
Using the T20 and T32 Electronic Flashes

Utilisation des flashes électroniques T20 et T32

Uso de los flashes electrónicos T20 y T32

Aufnehmen mit den Elektronikblitzgeräten T20 und T32

- E** Can be used in "OTF" AUTO flash mode.
- F** Peuvent être utilisés en mode flash AUTO "OTF"
- S** Pueden utilizarse en el modo de flash AUTO "OTF".
- G** Diese Blitzlichtgeräte können in der normalen TTL-Blitzbetriebsart verwendet werden.

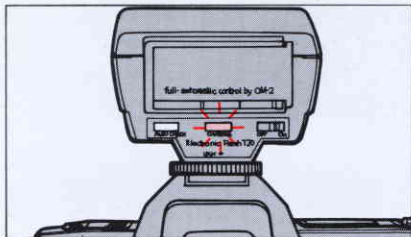


1

- E** Slide the unit into the shoe, secure it with the lock-screw, and ensure that the calculator panel is inserted so that "full automatic control by OM-2" is displayed.
- F** Glisser le flash dans le sabot, le fixer avec la vis de blocage et s'assurer que l'écran du calculateur est introduit de sorte que "full automatic control by OM-2" soit affiché.
- S** Deslice la unidad en la zapata, asegúrela con el tornillo de seguro y asegúrese que el panel calculador esté insertado de tal modo que se visualice "full automatic control by OM-2".
- G** Das Blitzgerät auf den Blitzlichtschuh schieben und sicherstellen, daß die Berechnungstabelle eingesetzt ist, so daß "full automatic control by OM-2" angezeigt wird. Dann die Arretierschraube festziehen.

2

- E** Turn the power switch ON.
- F** Mettre l'interrupteur d'alimentation sur ON.
- S** Active el conmutador de alimentación.
- G** Das Blitzgerät einschalten (ON).



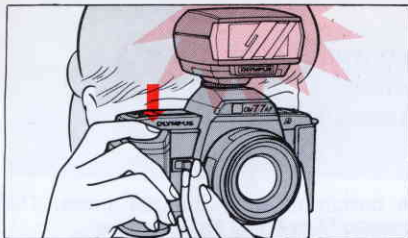
3

- E** Check the charge indicator.
- F** Contrôler l'indicateur de charge.
- S** Verifique el indicador de carga.
- G** Die Blitzbereitschaftsanzeige beolachten.

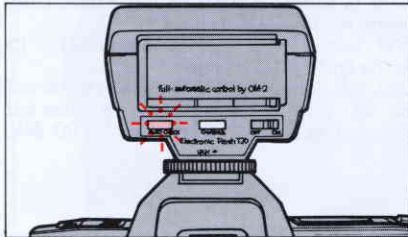
- E** ⚡ lights up and the flash will fire when a shutter speed slower than 1/100 sec. is required.
- F** ⚡ s'allume et le flash si la vitesse d'obturation est plus lente que 1/100 s.
- S** Se enciende ⚡ y el flash dispara cuando se requiere una velocidad inferior a 1/100 seg.
- G** Die ⚡ -Anzeige leuchtet auf und der Blitz wird ausgelöst, wenn die Verschußzeit länger als 1/100 Sek. ist.



- E** The flash working distance varies according to the lens' maximum aperture and the shooting environment.
- F** La distance de fonctionnement du flash varie avec l'ouverture maximale de l'objectif et des conditions de prise de vue.
- S** La distancia de operación del flash varía de acuerdo con la abertura máxima del objetivo y el medio ambiente de la fotografía.
- G** Der Arbeitsbereich hängt von der maximalen Blendenöffnung und den Aufnahmebedingungen ab.



- 4**
- E** Press the shutter release button.
 - F** Appuyer sur le déclencheur.
 - S** Presione el disparador.
 - G** Den Auslöser drücken.



- 5**
- E** Check for correct exposure.
 - F** Contrôler pour l'exposition correcte.
 - S** Verifique si la exposición es correcta.
 - G** Die Blitz-Kontrollanzeige beachten.

- E** blinks to indicate correct exposure. No indicates under-exposure.
- F** indique une exposition correcte. Aucun indique une sous-exposition.
- S** destella indicando una correcta exposición. Si no se presenta , significa subexposición.
- G** Blinksignal zeigt korrekte Belichtung an. Wenn die -Anzeige nicht aufleuchtet, wurde das Motiv nicht ausreichend ausgeleuchtet.

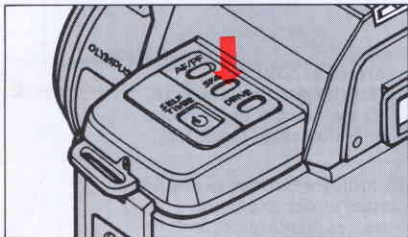


Using a Conventional Auto Flash

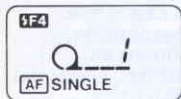
Utilisation d'un flash automatique conventionnel

Uso de un flash automático convencional

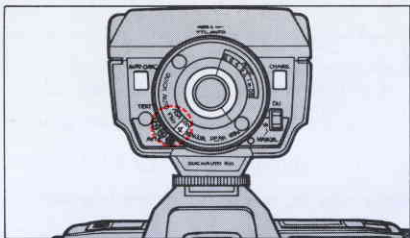
Aufnehmen mit herkömmlichen Automatik-Blitzgeräten



- 1** **E** Press the button to enter the **F4** mode. The camera is set to f4 at 1/100 sec.
- F** Appuyer sur la touche d'accès au mode **F4**. L'appareil se règle sur f4 à 1/100 s.
- S** Presione el botón para fijar el modo **F4**. La cámara se fija en f4 a 1/100 seg.
- G** Die Kamera mit dem Blitzbetriebsartenschalter auf Betriebsart **F4** schalten. Damit ist die Kamera auf Blende 4 bei einer Verschlusszeit von 1/100 Sek. eingestellt.

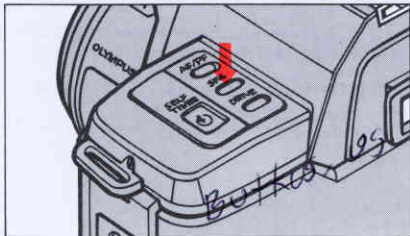


- E** The **F4** mode is not available when using the T20, T32, F280 or the Power Flash Grip 300.
- F** Le mode **F4** n'est pas utilisable avec les T20, T32, F280 ou la poignée "Flash" 300.
- S** No se dispone del modo **F4** cuando se usa el T20, T32, F280 o la Empuñadura de Alimentación y Flash 300.
- G** In Verbindung mit den Blitzgeräten T20, T32, F280 oder dem Batteriegriff 300 mit eingebautem Blitz funktioniert die **F4** -Betriebsart nicht.



2

- E** Set the flash to work at f4.
- F** Régler le flash pour fonctionner à f4.
- S** Ajuste el flash para funcionar en f4.
- G** Am Blitzgerät die Arbeitsblende 4 einstellen.



3

- E** Press the button to cancel the **f4** mode after use. (Pressing the reset button also cancels the **f4** mode.)
- F** Appuyer sur la touche pour déconnecter le mode **f4** après usage. (Une pression sur la touche d'annulation déconnecte aussi le mode **f4**.)
- S** Presione el botón para cancelar el modo **f4** después del uso. (Presionando el botón de reposición, también se cancela el modo **f4**.)
- G** Nach der Aufnahme die **f4** Blitz-Betriebsartentaste drücken, um die Betriebsart **f4** auszuschalten. (Dies kann auch durch Drücken der Rückstelltaste durchgeführt werden.)

- E**
- Auto flash units without an "F4" mode cannot be used.
 - If a lens with a maximum aperture smaller than f4 is used, slight under-exposure will result.
 - When using a non-AF OM lens, set the aperture to f4. The shutter will be set at 1/100 sec.
- F**
- Des flashes automatiques sans un mode "F4" ne peuvent pas être utilisés.
 - Une légère sous-exposition est possible avec des objectifs d'une ouverture maximale plus petite que f4.
 - En utilisant un objectif OM non AF, régler l'ouverture sur f4. L'obturateur sera réglé à 1/100 s.
- S**
- No pueden utilizarse flashes automáticos sin modo "F4".
 - Si se emplea un objetivo con una abertura máxima menor que f4, se producirá una leve sub-exposición.
 - Cuando se usa un objetivo OM que no sea AF, ajuste la abertura en f4. El obturador se fijará en 1/100 seg.
- G**
- Automatik-Blitzgeräte, die nicht mit Arbeitsblende 4 arbeiten, können nicht verwendet werden.
 - Ist die größte Blendenöffnung des verwendeten Objektivs kleiner als 4, dann sind die Fotos geringfügig unterbelichtet.
 - Die Blendenöffnung muß bei OM-Objektiven ohne Autofocus-Einrichtung auf 4 eingestellt werden. Die Verschußzeit wird auf 1/100 Sek. eingestellt.

OM77AF

To Take Better Photographs
Pour prendre de meilleures photographies
Para tomar mejores fotografías
Fortgeschrittene Aufnahmetechniken

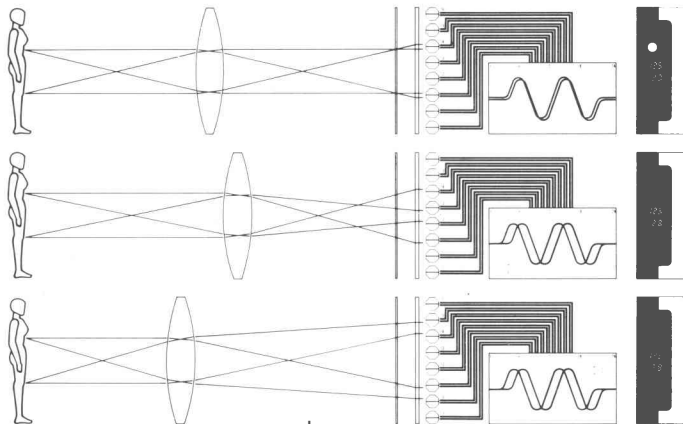
- E** The following pages are presented to assist those who wish to improve their photographic technique. Please read them carefully, apply the techniques and expand your creative horizons.
- F** Les pages suivantes permettront aux personnes qui le souhaitent d'améliorer leur technique photographique. Lisez les attentivement, appliquez les techniques et élargissez vos horizons créatifs.
- S** Las siguientes páginas se presentan con el objeto de ayudar a aquéllos que desean mejorar su técnica fotográfica. Léalas detenidamente, aplique las técnicas y amplíe sus horizontes creativos.
- G** Die nachfolgenden Seiten enthalten Tips für anspruchsvollere Aufnahmetechniken. Sie sollten sorgfältig durchgelesen werden, um diese Techniken verstehen und anwenden zu können.

E Autofocus (AF)

TTL "Zero-In" System

An exceptionally accurate TTL "Zero-In" electronic focusing system, which works on the principle that image discrepancy is zero when an object is correctly focused, is employed by the **OM77AF**. Light passing through the focus-mirror is passed through an infrared cut filter, a correction lens and then projected onto a CCD "Zero-In" sensor where it is converted into electrical signals. Using these signals to determine the image discrepancy, a CPU,

by reference to a lens-mounted ROM, calculates the appropriate lens rotation and transfers this information to an AF motor. This single calculation/focus correction sequence results in quick and accurate focusing. Additionally, when the Power flash Grip 300 is connected, the focus information is used to provide precise distance information for perfect flash-exposure control.

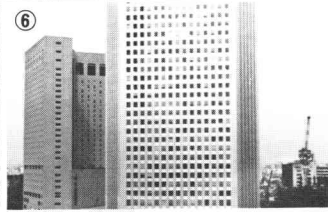
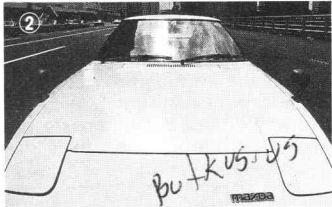
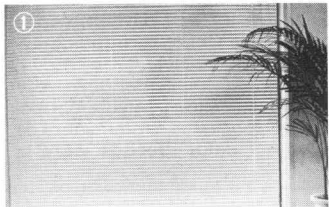


E Subject difficult for autofocus

Although the **OM77AF** can focus in almost any situation, there are certain conditions, illustrated below, in which it may be impossible to obtain correct focus. A red LED in the viewfinder will usually indicate these conditions, however, in situations ④, ⑤ and ⑥, the green LED in the viewfinder may illuminate even though the lens is incorrectly focused. In any of these situations, you can try focusing on a subject at a similar distance and then, using the Focus Lock (pages 36 – 37),

recompose your picture, or you can use the Power Focus mode (pages 30 – 32) to focus manually.

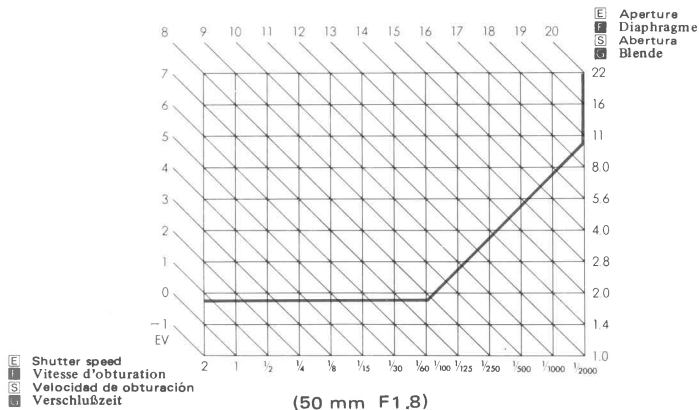
- ① Subject without vertical lines.
- ② Subject without contrast.
- ③ Rapidly moving subjects.
- ④ Two subjects within the focusing frame at different distances.
- ⑤ Excessively bright light at the center of the focusing frame.
- ⑥ Subject with repeated pattern.



E Program

The **0M77AF** programs offer the optimum balance between aperture and shutter-speed settings to enable quick response to every photographic opportunity. Also, the Auto Program Shift selects automatically a program appropriate to the present focal length of the mounted lens, while the Manual Program Shift lets the user shift shutter speed and

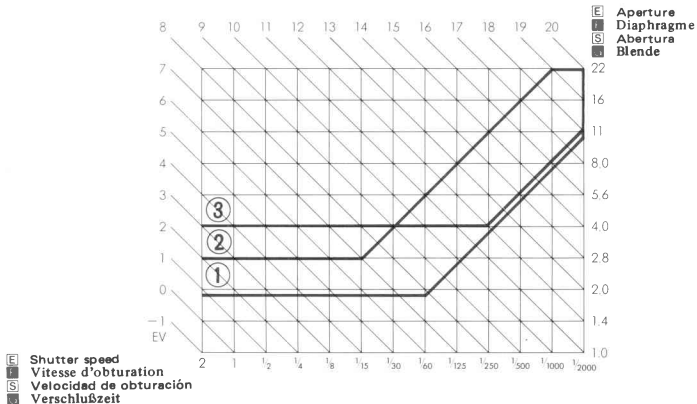
aperture at any time and employ the program as an aperture or shutter speed-preferred auto-exposure program. These two functions combine to produce a camera that can satisfy the demands of the beginner as easily as those of the more advanced SLR user.



E Auto Program Shift

The **OM77AF** has been programmed to automatically select a program mode appropriate to the focal length of the lens to be used. There are individual programs for telephoto, standard and wide angle lenses, with the capacity to automatically shift programs in line with the focal length changes of zoom lenses. In the wide-angle program mode

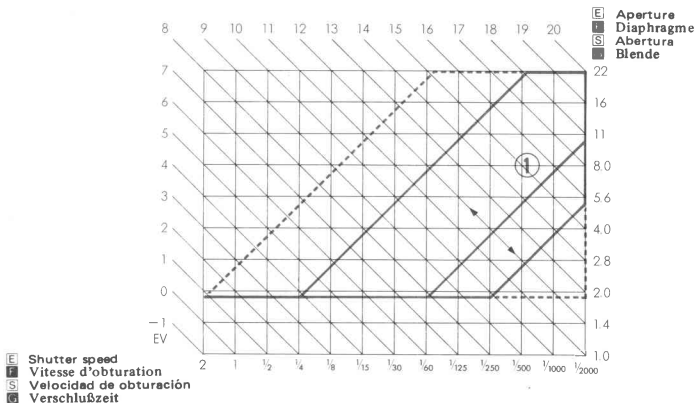
(Program chart②), for lenses below 35 mm, depth of field is given priority. The standard program mode (Program chart①) is used for lenses in the 35 – 89 mm focal-length range. The telephoto program mode (Program chart③), for lenses of 90 mm and above, gives higher priority to the shutter speeds needed to avoid camera shake.



E Manual Program Shift

With the 0M77AF, the photographer is free to select a desired aperture or shutter speed with the assurance of a perfect exposure. For instance, when using a 50 mm F1.8 AF lens, the initial setting of aperture and shutter speed is in accordance with the Standard Program (Program chart ①). By using

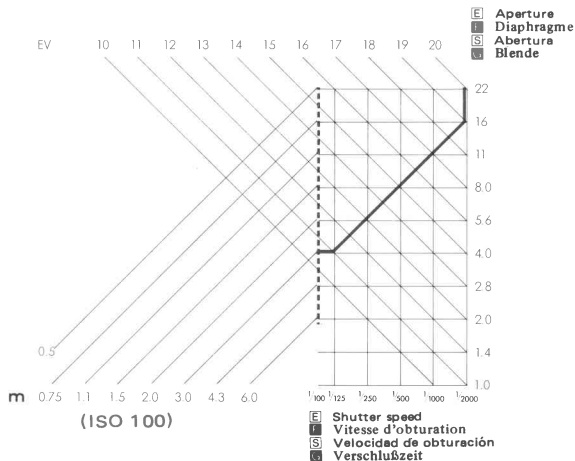
the shift-knob, the photographer is free to shift the program line by 1/2-stops to reach a desired shutter speed or aperture. In this way, and with no need of any physical adjustment, the program can be used as an aperture or a shutter speed-preferred program, depending on the photographer's intention.



E Power Flash Grip 300

By using the Power Flash Grip 300, you are always ready for problem-free flash photography. With the flash reflector up, the unit will fire automatically only when natural light requires a shutter speed of 1/100 sec. or slower. The shutter speed will be set

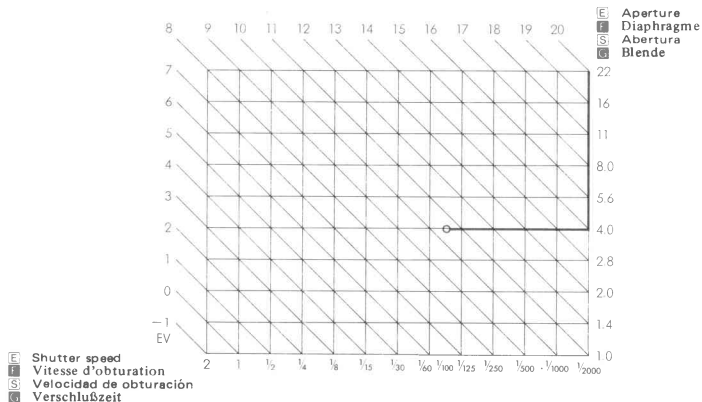
at 1/100 sec. in this case, and the aperture determined by the AF CPU on the basis of the absolute distance of the subject (Flashmatic method), as illustrated by the dotted line in the chart.



E Full-Synchro Flash F280

Combined with the F280, the **OM77AF** can synchronize with the flash unit at all shutter speeds, resulting in a flexible program that can cope with fill-in flash photography as easily as it can the more usual poor light situation. The aperture is set at f4 (or if this is not available, the maxi-

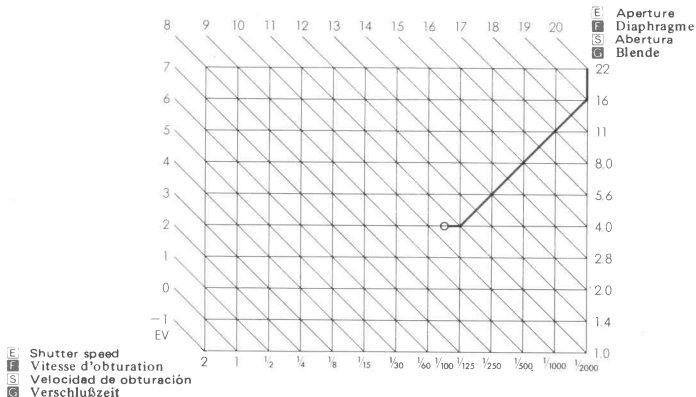
imum aperture of the lens), and when natural light requires a speed of 1/100 sec. or slower a Normal "OTF" Flash is produced; when a higher speed is required, a Super FP Flash is produced automatically. After the shutter speed reaches 1/2000 sec., the aperture is adjusted to provide correct exposure.



E T-Series Flash

Combined with a T-Series flash (except the T-45), the **DM77AF** can be used for a variety of advanced flash techniques, bounce or diffused lighting for example, while correct exposure is assured by the camera's TTL Direct "OTF" program, which controls the amount of light emitted in accordance

with the distance of the subject. When using a T-Series Flash, the aperture is set at f4, the shutter speed is set at 1/100 sec., and a flash fired only when a shutter speed of 1/100 sec. or slower is required.



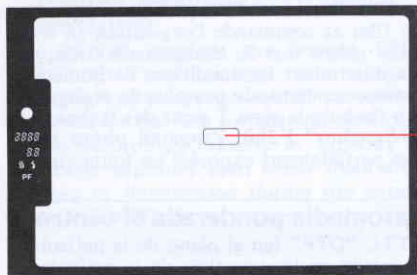
E TTL Direct "OTF" Light Metering (Center-weighted, Averaged Light Metering)

The **OM77AF** employs the famous TTL Direct "OTF" (Off-The-Film) light metering system. An Olympus first, this system which measures the light as it falls on the film surface and controls the exposure accordingly, results in superbly accurate automatic exposure even when there are sudden changes in illumination during the exposure, or when it is difficult to determine the light condi-

tions beforehand, as is the case in macro photography. When a flash unit is employed, metering requires no effort whatsoever, even when you employ T-Series units for bounce or diffused-light techniques. In addition, when combined with the Full-Synchro Flash F280, the camera can make use of speeds of up to 1/2000 sec. for perfectly exposed all-condition shooting.



E Viewfinder Display



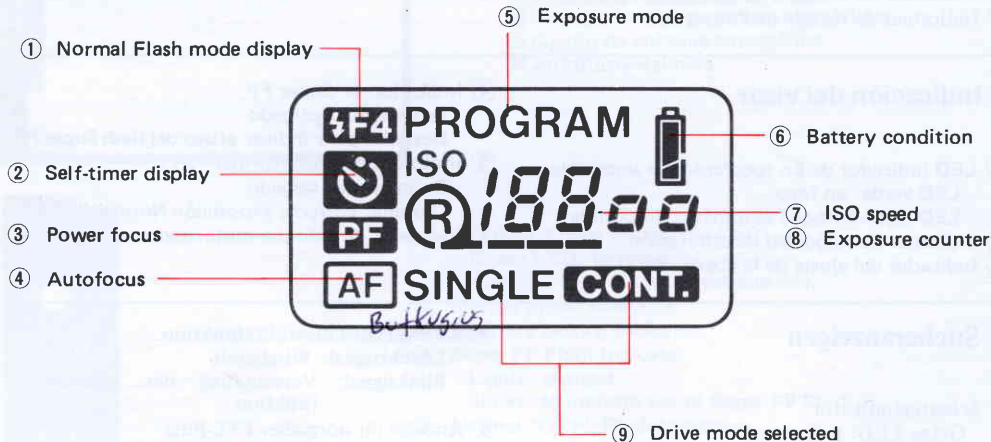
- E** Autofocus Frame
- F** Cadrage de mise au point automatique
- S** Cuadro de enfoque automático
- G** Autofocus-Rahmen



- ① In-Focus/Focus Impossible LED:
Green LED: in-focus
Red LED: autofocus is not possible.
- ② Shutter Speed Indicator
- ③ Aperture Setting Indicator
- ④ Super FP Flash Indicator
Lights: charged
Blinks: to indicate use of Super FP Flash
- ⑤ Normal "OTF" Flash Indicator
Lights: charged
Blinks: correct Normal "OTF" exposure
- ⑥ Power-Focus Indicator

E LCD Panel

The 0M77AF employs a large interactive LCD panel that can "reply" to the photographers adjustments with information on the camera's operating condition. The following information is displayed at the appropriate time:



E OM Lenses

While designed for a new series of Olympus AF lenses, the **OM77AF** can be used with non-AF OM lenses (although not in the AF mode), with the result that most Zuiko lenses, from the Fisheye to the tele-converters, can be mounted on the camera. The camera will automatically select the aperture-preferred AUTO mode and a shutter speed appropriate for the aperture selected by the photographer. This allows the user to vary depth of field for a variety of creative effects: a small aperture for a photograph in which everything is sharply defined, or a large aperture which, by blurring the back- and foreground, emphasizes the subject. There is no viewfinder display for in-focus/focus impossible, shutter speed or aperture when using OM lenses.



OM AF System
Systeme AF OM

Sistema AF OM
OM AF-System



OM AF System Lenses

- AF 50 mm F1.8
- AF 28 mm F2.8
- AF Zoom 35 – 70 mm F3.5 – 4.5
- AF Zoom 28 – 85 mm F3.5 – 4.5*
- AF Zoom 70 – 210 mm F3.5 – 4.5
- AF Macro 50 mm F2.8*
- AF 24 mm F2.8*
- AF Zoom 35 – 105 mm F3.5 – 4.5*

OM AF System Accessories

- Full-Synchro Flash F280
- Power Flash Grip 300
- Power Grip 100
- Dioptric Correction Lens 2 (with Eyecup)
- Eyecup 2
- Recordata Back 100
- TTL AUTO Cord F 0.6 m

- E** * Available in near future.
- F** * Disponible prochainement.
- S** * Disponible en el futuro cercano.
- G** * In Kürze erhältlich.

Notes on Using the **OM77AF** with Previous OM System Units

Notes pour l'utilisation de l'**OM77AF** avec les unités précédentes du système OM

Notas sobre el uso de la **OM77AF** con unidades previas del sistema OM

Hinweise zur Verwendung der **OM77AF** mit früheren OM-Systemeinheiten

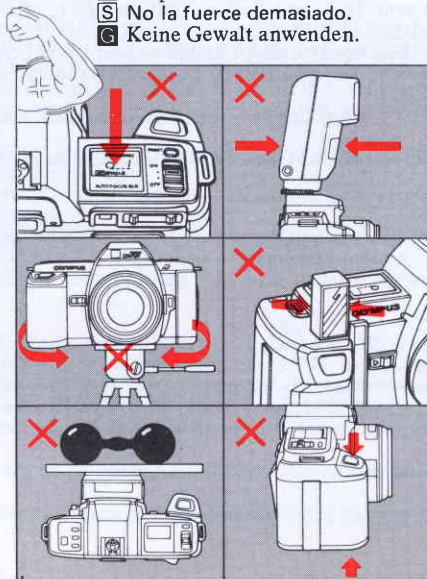
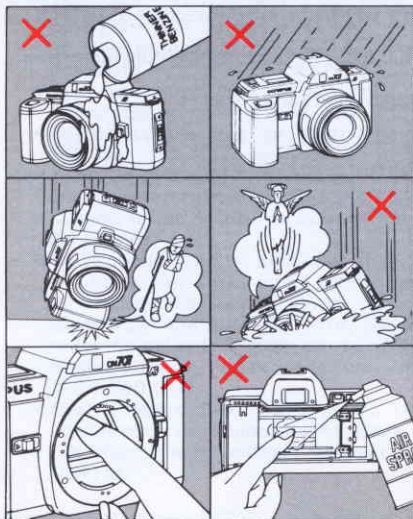
- Ⓔ
- Auto Extension Tube 7/14/25 and Telescopic Auto Extension Tube 65-116 can be used only with OM lenses when autofocus is not available.
 - When using the Telescopic Auto Extension Tube 65-116 the tripod mount should first be removed.
 - The following units cannot be used:
The Zuiko Reflex 500 mm F8, Zuiko 600 mm F6.5, and Zuiko 1000 mm F11 lenses; all Motor Drive Group units; the Auto Bellows, TTL Auto Cord T0.3/0.6/2/5 m, TTL Auto Multi Connector, TTL Auto Connector T20, Slide Copier, Roll Film Stage and Trans-Illuminator Base X-DE; the Electronic Flash T45; Interchangeable Focusing Screens; Recordata Backs for other OM cameras; Polarizing Filter POL; Filter R60 (R1).
 - T10 Ring Flash 1, T8 Ring Flash 2 and Macro Flash Shoe Ring cannot be used in combination with AF zoom lenses.
 - Olympus Auto Focus lenses are exclusively designed for the Olympus **OM77AF**.

Handling Care Précautions d'emploi

Cuidado en el manejo Pflege der Kamera

- E** Take care in handling the camera.
- F** Faire attention en utilisant l'appareil.
- S** Tenga cuidado al manipular la cámara.
- G** Sorgsam mit der Kamera umgehen.

- E** Do not use extra force.
- F** Ne pas forcer.
- S** No la fuerza demasiado.
- G** Keine Gewalt anwenden.



Storage Care

Précautions de rangement

Cuidado al guardar la cámara

Lagerung der Kamera

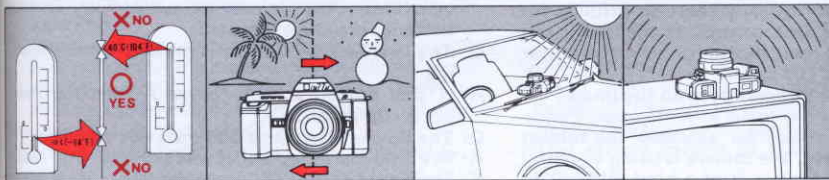
- E** Guard against high temperatures and magnetic field.
- F** Le protéger contre les hautes températures et les champs magnétiques.
- S** Al guardarla, evite los lugares con altas temperaturas o cerca de campos magnéticos.
- G** Vor hohen Temperaturen und Magnetfeldern schützen.

Battery Precautions

Précautions sur les piles

Precauciones con las pilas

Vorsichtsmaßnahmen im Umgang mit der Batterie



- E** In case of malfunction, take the camera to your nearest Olympus service station.
- F** En cas de mauvais fonctionnement, confier l'appareil photo au service après-vente Olympus le plus proche.
- S** En el caso de fallas de funcionamiento, lleve la cámara a su centro de servicio Olympus más cercano.
- G** Im Falle von Defekten und Störungen wenden Sie sich bitte an die nächste Olympus-Kundendienststelle.

E Questions and Answers

Q: What kind of batteries should I use?

A: Use four LR03 (AAA) alkaline manganese batteries. Don't mix various kinds of batteries, or install new with old. Change all batteries at one time. The provided batteries are for testing operation at the time of purchase.

Q: The camera does not work.

A: (1) Try sliding the power switch OFF and ON again. (2) If the low battery indication remains on even when the shutter release is pressed halfway, the camera will not work.

Q: The lens moves to infinity after it is mounted on the body.

A: The lens is automatically reset to infinity for coordination of lens control. If the lens is not reset, press the reset button or turn the power switch OFF and ON again.

Q: Why doesn't the camera focus on the image?

A: The camera may not focus in some cases. Focusing is difficult when, for example, the subject is moving quickly, the camera is being violently shaken, or the subject is of a kind difficult to focus on (see "Subject difficult for autofocus", page 63).

Q: The indicators in the viewfinder disappear while shooting.

A: They automatically disappear after appearing for 30 seconds, in order to save battery power. To re-display them, lightly touch the shutter release button.

Q: The AF illuminator lights, but the camera does not focus.

A: It may not focus even when the subject is close, if the subject reflects little light (as when colored blue or black).

Q: Can the front-most ring be manually rotated?

A: Do not forcibly turn it. This may damage an inside gear, and the flash control may not operate. If you happen to move it, press the reset button to move the lens back to ∞ .

Q: Why won't the shutter fire when I press the release button?

A: It is probably unfocused. Check the LED in the viewfinder. Also, it may be out of film. Or the batteries may be exhausted.

Q: The lens locking button is pressed while shooting.

A: If this button is fully pressed, resetting may occur. So be careful.

Q: The Power Flash Grip 300 does not recharge.

A: Are the batteries exhausted? Press the reset button to check the batteries. Also note that the flash unit cannot be recharged during auto focusing, winding, and exposure.

Q: Why doesn't the flash fire?

A: There are two possible reasons. (1) Flash firing is automatically inhibited at shutter speeds faster than 1/100 sec. (when using T-series flashes and the Power Flash Grip 300). (2) Are you trying to fire before the unit has been recharged?

Q: When should I check the batteries?

A: (1) When new batteries are inserted. (2) After the camera has not been used for a long time. (3) Before beginning a prolonged period of use. (4) When it is very cold.

Q: In the finished print, a peripheral portion of the picture is cut, though I framed it inside the viewfinder.

A: In some color prints and color slides, a peripheral portion of the picture may be eliminated in the laboratory. It is recommended, therefore, to leave some margin in composing your picture.

Q: How do I clean the lens?

A: Use a soft, clean, cotton cloth (preferably a washed one) and a small quantity of pure alcohol. Slowly wipe the lens with a spiral motion, from the center outward.

Q: How do I clean the camera?

A: Dust, moisture, and salty air are harmful to cameras and lenses. Wipe the camera surfaces clean and let dry after using it in rain or mist. When used near the sea, wipe it off with a cloth moistened with clean water, then clean and store it.

Q: Why are there sometimes scratches on the film?

A: The cause may be a soiled film passage. The film compartment may be soiled by film debris during long use of the camera. Be sure to dust off the camera periodically.

Q: How can I preserve the camera in a humid environment, and prevent the growth of mildew on it?

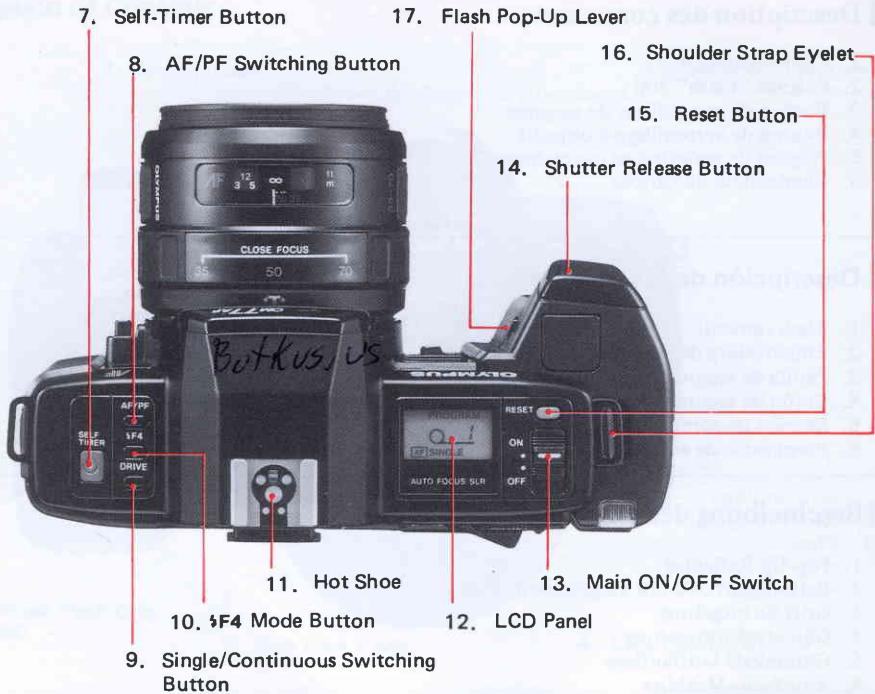
A: Take it out of the case and store it in a polyethylene bag, together with a desiccant such as silica gel. However, do not use a desiccant that includes insecticide.

Other cautions

- When other companies' lenses are used, correct exposure may not be obtained or they may cause malfunctioning, so do not use them.
- This camera cannot be used for infrared photography.

E Description of Controls





7. Self-Timer Button

17. Flash Pop-Up Lever

8. AF/PF Switching Button

16. Shoulder Strap Eyelet

15. Reset Button

14. Shutter Release Button

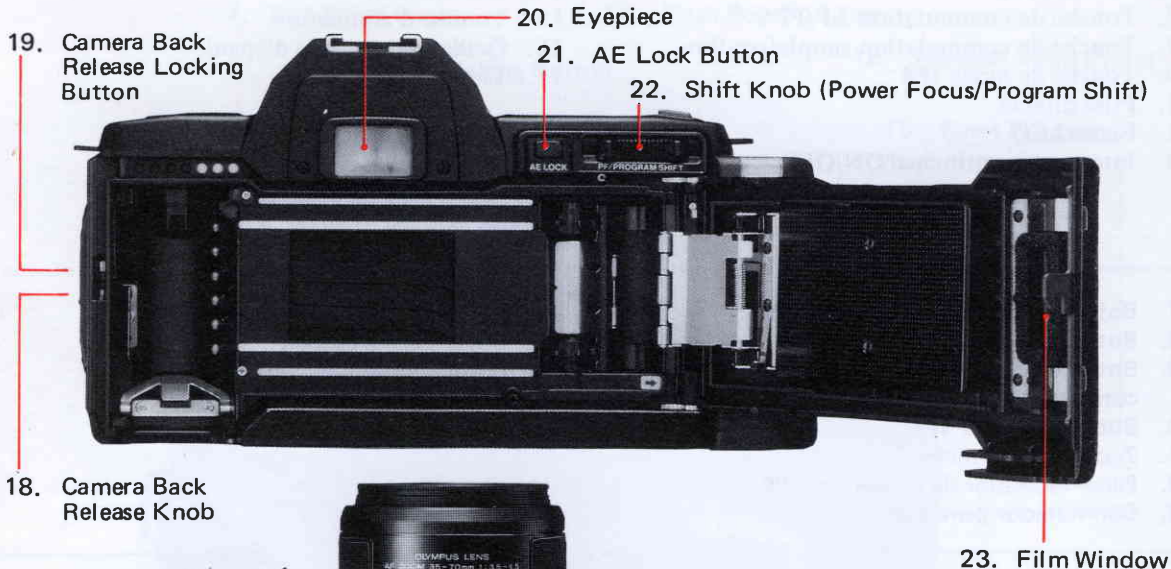
11. Hot Shoe

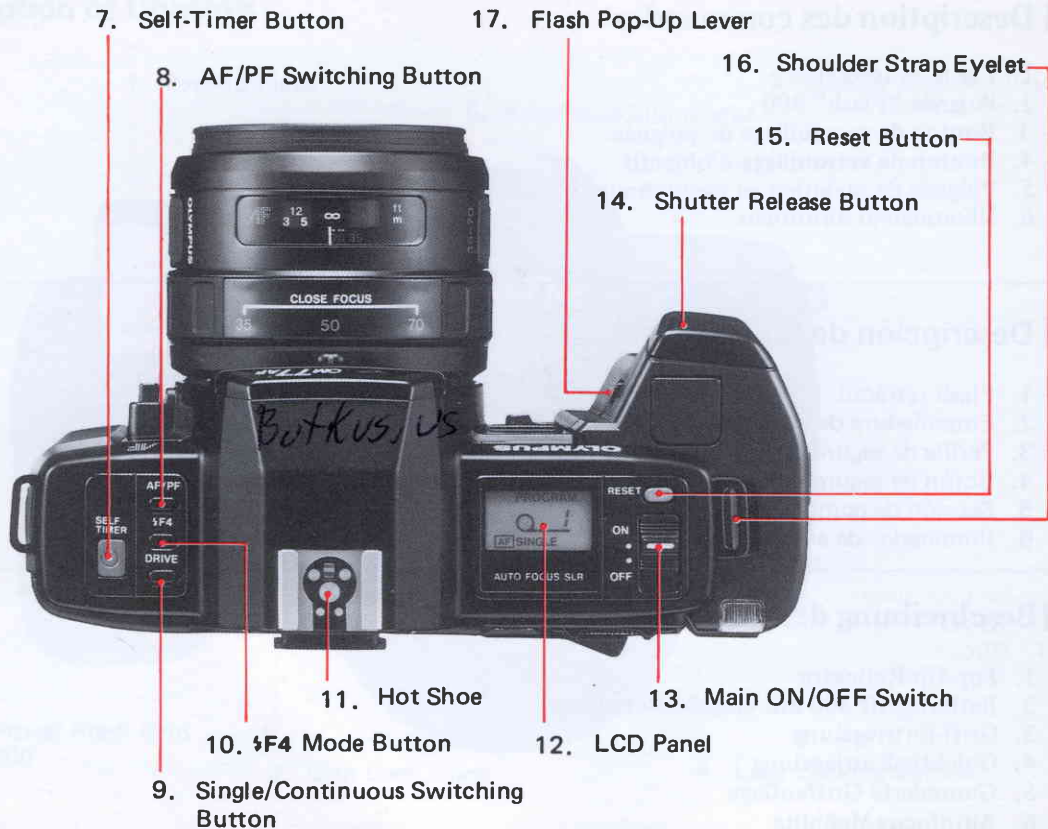
13. Main ON/OFF Switch

10. 1/4 Mode Button

12. LCD Panel

9. Single/Continuous Switching Button





E Main Specifications of the OM77AF

Type: Autofocus, auto-exposure 35 mm SLR camera.

Film format: 24 x 36 mm.

Lens mount: Olympus OM mount (designed for AF lenses).

Lens: (1) Olympus AF lenses. (2) OM lenses.

Shutter: Electronically controlled vertical-travel focal-plane shutter. Shutter speed: 2 – 1/2000 sec.

Synchronization: Hot shoe: Super FP Flash contact; X contact; T-Series Flash contact.

Autofocus: Method: TTL phase detection system with CCD Zero-In sensor.

Focusing sensitivity range: EV 4 – 18 (ISO 100).

Actuation method: Single or continuous. Focus lock possible.

Indication: Single-point 2 color LED in viewfinder; focused: green lamp; autofocus impossible: red lamp.

AF illuminator: Automatic actuation in low light.

Manual focus: Olympus AF lenses: By shift knob, OM lens: By focus ring.

Light metering method: Exposure control: TTL Direct "OTF" Metering (center-weighted, average light measurement).

Exposure modes: Multi-program: (1) Program. (2) Program shift by shift/power focus knob. (3) Automatic program shift based on focal length of lens. (4) Aperture preferred AE when using OM lens.

Program auto-exposure: Type: Electronic shutter with automatic control of shutter speed and aperture.

Light measuring range: EV 1 – 20 (ISO 100 AF 50 mm F1.8).

AE lock: By AE-lock button.

Flash control: Full-Synchro Flash F280: Automatic selection of Normal "OTF" Flash or Super FP Flash.

Power Flash Grip 300: Flashmatic.

T-Series Flash: TTL Direct "OTF" flash.

Regular flash units: Normal Auto flash with $\frac{1}{4}$ F4 mode.

Automatic film speed setting: Automatic setting for film with DX code; Range: ISO 25 – 3200.

Viewfinder: Focusing screen: Fixed, Super Lumi-Micron Matte with autofocus frame.

Finder view-field: 93 % of actual picture field.

Magnification: 0.8X at infinity with 50 mm standard lens.

Viewfinder information: Type: LCD display, back illumination by LED.

Contents: (1) Focus display. (2) Shutter speed/Aperture display. (3) Over/Under exposure warning. (4) Flash display. (5) Power focus display.

Display limiter: Approx. 30 sec.

LCD panel information: Various mode information in large LCD panel.

Film loading: Auto-loading (automatically wound to first frame).

Film wind: Automatic wind; Single/Continuous switchable.

Max. wind speed: approx. 1.5 frames per sec.

Automatically stopped at film end.

Battery life: With Power Flash Grip 300: 8 rolls or more (using flash for 50 % of exposures).

With Power Grip 100: 25 rolls or more.

Using LR03 (AAA) (alkaline manganese) batteries, normal temperatures, 24EX film.

Exposure counter: Progressive type, displayed on LCD panel.

Film rewind: Automatic rewind with rewind button. Automatic stop at film end.

Self-timer: 12 sec. delay electronic self-timer.

Power source: Supplied by Power Flash Grip 300 or Power Grip 100; Four LR03 (AAA) alkaline manganese batteries.

Battery check: 3-step display in LCD panel.

Data hold: Static memory for necessary functions.

Dimensions: 141(W) x 89(H) x 52(D) mm (5.55" x 3.50" x 2.05") (without grip).

Weight: 555 g (19.6 oz.) (without grip).

E Main Specifications of the OM77AF

Type: Autofocus, auto-exposure 35 mm SLR camera.

Film format: 24 x 36 mm.

Lens mount: Olympus OM mount (designed for AF lenses).

Lens: (1) Olympus AF lenses, (2) OM lenses.

Shutter: Electronically controlled vertical-travel focal-plane shutter. Shutter speed: 2 – 1/2000 sec.

Synchronization: Hot shoe: Super FP Flash contact; X contact; T-Series Flash contact.

Autofocus: Method: TTL phase detection system with CCD Zero-In sensor.

Focusing sensitivity range: EV 4 – 18 (ISO 100).

Actuation method: Single or continuous. Focus lock possible.

Indication: Single-point 2 color LED in viewfinder; focused: green lamp; autofocus impossible: red lamp.

AF illuminator: Automatic actuation in low light.

Manual focus: Olympus AF lenses: By shift knob, OM lens: By focus ring.

Light metering method: Exposure control: TTL Direct "OTF" Metering (center-weighted, average light measurement).

Exposure modes: Multi-program: (1) Program, (2) Program shift by shift/power focus knob, (3) Automatic program shift based on focal length of lens, (4) Aperture preferred AE when using OM lens.

Program auto-exposure: Type: Electronic shutter with automatic control of shutter speed and aperture.

Light measuring range: EV 1 – 20 (ISO 100 AF 50 mm F1.8).

AE lock: By AE-lock button.

Flash control: Full-Synchro Flash F280: Automatic selection of Normal "OTF" Flash or Super FP Flash.

Power Flash Grip 300: Flashmatic.

T-Series Flash: TTL Direct "OTF" flash.

Regular flash units: Normal Auto flash with $\frac{1}{4}$ F4 mode.

Automatic film speed setting: Automatic setting for film with DX code; Range: ISO 25 – 3200.

Viewfinder: Focusing screen: Fixed, Super Lumi-Micron Matte with autofocus frame.

Finder view-field: 93 % of actual picture field.

Magnification: 0.8X at infinity with 50 mm standard lens.

Viewfinder information: Type: LCD display, back illumination by LED.

Contents: (1) Focus display. (2) Shutter speed/Aperture display. (3) Over/Under exposure warning. (4) Flash display. (5) Power focus display.

Display limiter: Approx. 30 sec.

LCD panel information: Various mode information in large LCD panel.

Film loading: Auto-loading (automatically wound to first frame).

Film wind: Automatic wind; Single/Continuous switchable.

Max. wind speed: approx. 1.5 frames per sec.

Automatically stopped at film end.

Battery life: With Power Flash Grip 300: 8 rolls or more (using flash for 50 % of exposures).

With Power Grip 100: 25 rolls or more.

Using LR03 (AAA) (alkaline manganese) batteries, normal temperatures, 24EX film.

Exposure counter: Progressive type, displayed on LCD panel.

Film rewind: Automatic rewind with rewind button. Automatic stop at film end.

Self-timer: 12 sec. delay electronic self-timer.

Power source: Supplied by Power Flash Grip 300 or Power Grip 100; Four LR03 (AAA) alkaline manganese batteries.

Battery check: 3-step display in LCD panel.

Data hold: Static memory for necessary functions.

Dimensions: 141(W) x 89(H) x 52(D) mm (5.55" x 3.50" x 2.05") (without grip).

Weight: 555 g (19.6 oz.) (without grip).

Main Specifications of Power Grip 100

System application: 0M77AF

Type: Separable power-source grip.

Power switch: After mounting, controlled by camera's power switch.

Shutter release: Electromagnetic shutter release for 0M77AF.

Battery life: Sufficient for 25 rolls or more (alkaline-manganese, normal temperatures, 24 Ex. film).

Camera mount: Exclusive slide-bayonet mount.

Electrical connection with camera: Cordless, direct-contact.

Power source: LR03 (AAA) alkaline-manganese battery x 4.

Facing: Rubber pad.

Dimensions: 35(W) x 64(H) x 61(D) mm (1.4" x 2.5" x 2.4") increases camera width by 5.7 mm (0.2").

Weight: 43 g (1.5 oz.) without batteries.

Main Specifications of Power Flash Grip 300

System application: 0M77AF

Type: Separable power-source grip with built-in flash.

Power switch: After mounting, controlled by camera's power switch.

Shutter release: Electromagnetic shutter release for 0M77AF.

Battery life: Sufficient for 8 rolls or more (using flash for 50 % of exposures, alkaline-manganese, normal temperatures, 24 Ex. film).

Camera mount: Exclusive slide-bayonet mount.

Electrical connection with camera: Cordless, direct-contact.

Guide number: 12 (ISO 100, meters).

Exposure control: Flashmatic.

Coverage angle: Equivalent to angle of view of 35 mm lens.

Recycling time: 4 sec. with LR03 (AAA) alkaline-manganese batteries.

Flash duration: Approx. 1/2000 sec.

Flash power-source switch: Power ON: pop-up lever, Power OFF: flash reflector pushed in.

Power source: LR03 (AAA) alkaline-manganese battery x 4.

Facing: Rubber pad.

Dimensions: 49(W) x 64(H) x 67(D) mm (1.9" x 2.5" x 2.6") increases camera width by 19 mm (0.7").

Weight: 80 g (2.8 oz.) without batteries.

Specifications subject to change without notice.