

XA & ELECTRONIC FLASH A11/A16



● X-Synchro Contacts

Attaching the special Electronic Flash A11 (A16) automatically completes X-synchro circuit.

● Flash Retaining Socket

Accepts screw of A11 (A16).

● Auto Flash Sensor

In automatic flash operation, measures light reflected from the subject and automatically regulates flash volume for correct exposures.

● Flash Diffuser Window

Flash beam covers the 35mm wide-angle lens angle.

● Charge Lamp

Setting the aperture lever to flash symbol pops up charge lamp and initiates charging; the aperture is set to F4 automatically. Pressing down the charge lamp switches off A11 (A16) and the aperture lever returns to F2.8 for available light automatic exposure.

● Flash Clamping Screw

To attach A11 (A16) to XA, insert the guide pin into the guide pin hole and turn clamping screw clockwise.

● ASA Film Speed Window

If the ASA speed of the film being used is close to "100" or "400", use the nearest setting (ASA 80 or 125→"100").

● Film Speed Adjustment Lever

Provides a choice of three modes: ASA100, FULL (manual flash, GN 10 at ASA 100, meters with A11; GN16 with A16), ASA 400.

● Lens

Super-compact 35mm F2.8 lens. Deluxe 5 group 6 element construction employs world's first inner focusing mechanism. The front part of the lens does not move during focusing, so that dust barrier can be shut instantly regardless of focus setting.

● Focusing Knob/Lever

Focusing is done with either the lever or, when a tripod is in use, the notched knob until double images in the center of viewfinder coincide.

● ASA Film Speed Lever

Film speeds from ASA 25 to 800 are marked on the scale.

● Rangefinder Window

● CdS Light Sensor

● Self-Timer/ Battery Check Lamp

A super-bright, GaAlAs LED emits a red light. During operation of self-timer the indication is intermittent, and during battery check continuous.

● Aperture Lever

Align Δ mark with desired F-number and the right shutter speed is automatically set for correct exposure. Aligning the mark to flash symbol pops up charge lamp, switches on the A11 (A16) and sets the aperture to F4. (The flash setting overrides +1.5EV exposure compensation.) Pressing down the charge lamp switches off the A11 (A16), and the aperture lever points to F2.8.

● Strap Eyelet

● Guide Pin

Positions A11 (A16) to camera flank for fast connection. The internal pin completes ON/OFF circuit between flash and camera.

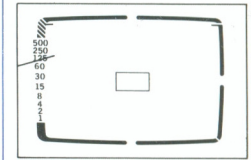
● Clamping Screw

A clockwise turn fastens A11(A16) to camera.

● X-Synchro Contacts

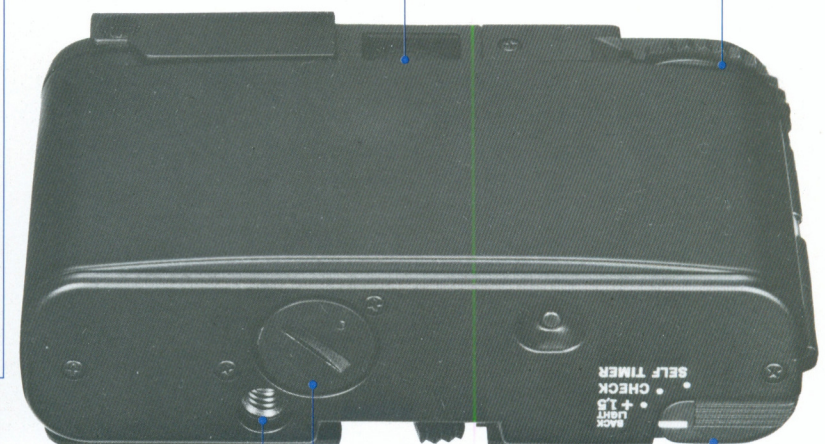
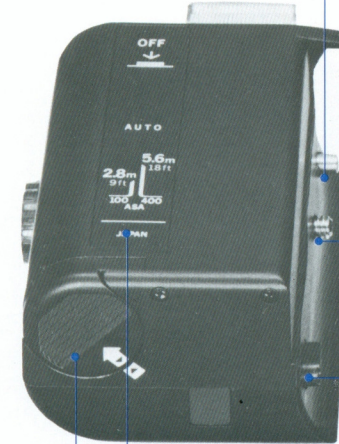
● Viewfinder Eyepiece

Unusually large and bright image. When the shutter speed needle enters upper left-hand (oblique lined) area, overexposure will result; use a larger f-number (smaller aperture) until the needle points to 500 (1/500 sec.) or under. When the needle points to 30 (1/30 sec.) or under, be careful of camera shake.



● Rear Film Winder

Resin treated, knurled wheel provides comfortable winding (360°).



Actual size

● Rewind Crank • Rewind Knob/ Camera Back Release

Pull out knob gently to unlock, more strongly to open camera back. (Dust barrier is in closed position.)

● Flash Guide Pin Hole

Accepts guide pin of A11 (A16). Setting the aperture lever to flash symbol thrusts out a pin recessed in this hole, which in turn releases charge lamp to pop up.

● Dust Barrier

Protects the lens, viewfinder and even rear eyepiece window. Opening the dust barrier switches the power ON, and all camera functions are ready for action. Closing it switches the power OFF, and all functions are locked, including the shutter release. (A safety circuit nonetheless allows the camera back to be opened for film loading/unloading, unlocking related functions.)

● Non-Slip Finger Grip

Dust barrier can be opened quickly by pressing finger tip against this part.

● Feather-Touch Shutter Release

Camera shake is minimized by the unique pressure conductive polymer which responds to sensitive contact.

● Distance Scale Window

Setting to 3m and F5.6 (both values are indicated in red) will ensure clearly focused pictures, ideal for snapshooting and beginners. (8 feet in the case of feet-scale)

● Self-Timer/ Battery Check Beeper

A Piezoelectric Ceramic Vibrator emits an electronic tone during self-timer operation and battery check.

● Exposure Counter

Automatic reset, progressive type with dial calibrated; S..1,2,4. and all even numbers to 36, E.

● Battery Chamber Cap

A11: Holds one 1.5V "penlight" battery, including Ni-Cd. An alkaline battery will provide approx. 150 flashes. A16: Holds two 1.5V batteries which provide approx. 150 flashes.

● Autoflash Scale

Indicates maximum autoflash range. A11: 2.5m (8.2 ft.) for ASA 100 film and 5m (16.4 ft.) for ASA 400 film. A16: 4m (13.2 ft.) for ASA 100 film and 8m (26.4 ft.) for ASA 400 film.

● Tripod Socket

Do not tighten the tripod screw excessively. Do not rotate the camera on the tripod in an attempt to tighten the screw.

● Battery Chamber

Holds two 1.5V silver oxide batteries. A safety circuit prevents reverse current when batteries are inserted incorrectly.

● Control Lever (BACK LIGHT + 1.5 • CHECK • SELF TIMER)

Settings allow intentional +1.5EV exposure compensation in backlit situations, battery check (do not touch shutter release), or approximately 12-second delay after shutter release (to cancel self-timer setting turn the lever off the setting), respectively. This lever serves also as an instant camera support.

XA & ELECTRONIC FLASH A11/A16

● Soft Case L / Hard Case L



Exclusively for use with XA-series camera with Electronic Flash and weight.

● Main Specifications XA

Camera type: 35mm rangefinder electronic lens-shutter camera.
Film format: 35mm standard cassette (24×36mm).
Lens: F. Zuiko 35mm F2.8 (6 elements, 5 groups.)
Shutter: Electronic between-lens shutter.
Viewfinder: Bright frame finder, 0.55x. Shutter speed readout and over-exposure warning visible in finder.
Focusing: Double-image coupled rangefinder, 0.85m (2.8 ft.)~infinity (∞).
Exposure control: Aperture-priority automatic exposure. Automatic shutter speed range 10 sec. to 1/500 sec. Backlighting compensation +1.5EV.

Film speed range: ASA 25~800.
Aperture range: F2.8~F22.
Film advance: Rear winding thumbwheel.
Exposure counter: Progressive type with automatic reset.
Film rewind: Crank type with rewind release button.
Shutter release: Electromagnetic shutter release.
Self-timer: Electronic self-timer with 12 second delay. Blinking LED and electronic beeper (Piezoelectric Ceramic Vibrator) during self-timer operation.
Battery check: Via control lever. Continuous LED and PCV.
Flash mounting: Exclusive automatic Electronic Flash A11 (A16) attaches to (or detaches from) the camera in seconds.

Setting camera's aperture lever to flash symbol switches the A11 (A16) on, and sets the XA for autoflash.
Lens/finder cover: Sliding Dust Barrier. When opened, power is switched on and shutter release unlocks. When closed, power is switched off and shutter release locks.
Power source: Two 1.5V silver oxide batteries SR44 (Eveready EPX-76 or equivalent).
Dimensions and weight: 102×64.5×40mm (4"×2.54"×1.6") 225g (7.9oz.) (less batteries)

Electronic Flash A11

Type: Automatic electronic flash unit exclusively for use with OLYMPUS XA series cameras.
Guide number: 10(ASA 100, meters) or 33 (ASA 100, feet).
Applicable ASA film speeds: ASA 100 and 400.
Flash modes: Normal auto and manual modes with switch lever.
F stop for auto flash: F4
Coverage angle: Picture area of 35mm focal-length lens. (XA series utilizes 35mm Zuiko lens.)

Number of flashes: Approx. 150 with one AA 'penlight' alkaline battery.
Recycling time: Approx. 7 sec with AA alkaline battery.
Max. working range: 2.5m (8.2 ft.) at ASA 100, 5m (16.4 ft.) at ASA 400.
Connection to camera: Fitted onto left-hand edge of camera.
Power switch: The flash unit is activated by setting camera's lever to flash symbol, popping up the charge lamp and initiating electrical charge.

The flash unit turns off when the charge lamp is pressed down.
Power source: One 1.5V AA 'penlight' battery (including Ni-Cd battery).
Dimensions and weight: 60×36*×33mm (2.4"×1.4"×1.3"). 65g (2.3 oz.) (less battery). *Measured from interface.

Electronic Flash A16

Type: Automatic electronic flash unit exclusively for use with OLYMPUS XA series cameras.
Guide number: 16 (ASA 100, meters) or 53 (ASA 100, feet).
Applicable ASA film speeds: ASA 100 and 400.
Flash modes: Normal auto and manual modes with switch lever.
F stop for auto flash: F4
Coverage angle: Picture area of 35mm focal-length lens. (XA series utilizes 35mm Zuiko lens.)

Number of flashes: Approx. 150 with two AA 'penlight' alkaline batteries.
Recycling time: Approx. 5 sec with AA alkaline batteries.
Max. working range: 4m (13.2ft.) at ASA 100, 8m (26.4 ft.) at ASA 400.
Connection to camera: Fitted onto left-hand edge of camera.
Power switch: The flash unit is activated by setting camera's lever to flash symbol, popping up the charge lamp and initiating electrical charge.

The flash unit turns off when the charge lamp is pressed down.
Power source: Two 1.5V AA 'penlight' batteries (including Ni-Cd batteries)
Dimensions and weight: 60×51.5*×38mm (2.4"×2.0"×1.5") 80g (3.1 oz.) (less batteries) * Measured from interface.

XA alone
Stock NO.102-500
A11 alone
Stock NO.107-103

A16 alone
Stock NO. 107-104
XA Series Soft Case
Stock NO.108-460

XA Series Hard Case
Stock NO.108-461
XA Series Neck Strap 2
Stock NO.108-463

XA Series Neck Strap 4
Stock NO.108-464