

# XA2 & ELECTRONIC FLASH A11/A16



## Characteristics

- Space-age robotized camera for fail-safe, extra-fast snapshot. Ideal for beginners.
- Features exclusive to XA2 include:
  - 3-zone focusing lever that resets itself to "Universal Focus" position whenever the Dust Barrier is closed, always ready for action.
  - Electronic programmed shutter.
  - Camera-shake warning and flash-ready viewfinder information.
- Features common with XA include:
  - Uncamera-like look
  - Go-anywhere handiness
  - The versatile Dust Barrier
  - 35mm picture quality
  - Audio-visual self-timer/battery check
  - Feather-touch shutter release

## Electronic Flash A11/A16

- A11: World's smallest, lightest electronic flash A11 with automatic flash. Guide number 10 (ASA 100, meters) or 33 in feet.
- A16: Small, high-power with short recycling time. Guide number 16 (ASA 100, meters) or 53 in feet.
- The flash unit integrates with the XA2 to form a single entity in both external appearance and function.
- Provides two choices of flash mode: autoflash (ASA 100), autoflash (ASA 400). Manual full power flash is applicable only to the XA.

## Notes

- Two 1.5V alkaline-manganese or silver oxide batteries are required. (One 1.5V "penlight" battery for A11, and two for A16.)
- Remove batteries to avoid leakage if the camera will not be used for long periods of time.
- Do not store the camera at high temperatures (over 50°C or 122°F) and high humidity.
- In extremely low temperatures (below -10°C or 14°F) the camera may not function normally. Warm it before use.
- Do not apply excessive force when opening/closing the Dust Barrier, operating other knobs/levers and when attaching the flash unit or a tripod.
- Filters cannot be used with the XA2.

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Stock number(s) shown on next page



# XA 2

## ● 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.

## ● Flash Clamping Screw

To attach A11 (A16) to XA2, insert the guide pin into the guide pin hole and turn clamping screw clockwise.

## ● Charge Lamp

Setting the flash lever to "Flash" pops up charge lamp and initiates charging. Pressing down the charge lamp switches off A11(A16) and the flash lever returns to the original position for available light automatic exposure.

## ● 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, GN10 at ASA 100, meters with A11; GN16 with A16), ASA 400. The "FULL" mode cannot be used with the XA2 as its aperture cannot be freely set manually.

## ● Lens

Super-compact 35mm F3.5 lens. Deluxe 4 group, 4 element construction.

## ● Flash Lever

Setting the flash lever to "Flash" pops up charge lamp, switches on the A11(A16) and lights up flash symbol in the viewfinder. Pressing down the charge lamp returns the flash lever to its original position.

## ● Flash Guide Pin Hole

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

## ● 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.)

## ● ASA Film Speed Lever

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

## ● CdS Light Sensor

## ● Non-Slip Finger Grip

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

## ● 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, sets the focusing lever back to  $\Delta\Delta$  and all functions are locked, including shutter release. (A safety circuit nonetheless allows the camera back to be opened for film loading/unloading, unlocking related functions).

## ● 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.

## ● Zone Focusing Lever

Use  $\Delta\Delta$  for a majority of cases (1.2m or 4 ft. to  $\infty$ ),  $\Delta\Delta$  for close-up of dimly-lit subject (0.9~1.8m or 3.0~5.9 ft.) and  $\Delta$  for distant (6.3m or 20.7 ft. to  $\infty$ ). Closing the dust barrier automatically sets the lever back to  $\Delta\Delta$  (universal focus) position.

## ● Strap Eyelet

## ● Exposure Counter

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

## ● Feather-Touch Shutter Release

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

## ● Self-Timer / Battery Check Beeper

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

## ● 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 view field. When the shutter speed is slower than 1/30 sec. a yellow camera-shake warning lamp appears at the bottom right; use A11 (A16) or a tripod. With A11 (A16) attached and flash lever set to "Flash",  $\Delta$  appears at the center left and the yellow lamp disappears. (Both signals go out after 90 sec. to save energy.)

## ● Rear Film Winder

## ● Battery Chamber

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

## ● Tripod Socket

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

## ● Self-Timer/Battery Check Lever (BATTERY CHECK · SELF TIMER)

Settings allow battery check (do not touch shutter release), and approximately 12-second delay after shutter release (audio/visual pulse signal changes tone for the last 2 seconds; to cancel self-timer setting turn the lever off the setting), respectively. This lever serves also as an instant camera support.

Actual size

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# XA 2 & 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 2

**Camera type:** 35mm electronic lens-shutter camera.  
**Film format:** 35mm standard cassette (24×36mm).  
**Lens:** D. Zuiko 35mm F3.5 (4 elements, 4 groups.)  
**Shutter:** Electronic programmed between-lens shutter.  
**Viewfinder:** Bright frame finder, 0.5×.  
 Camera shake warning (automatic switch off after about 90 sec.) and flash mark visible in finder.  
**Focusing:** Three zone indicators. Automatic return to "Universal Focus" when Dust Barrier is closed.  
**Exposure control:** Programmed shutter. Automatic exposure range 2 sec. (F3.5) to 1/750 sec. (F14)  
**Film speed range:** ASA 25~800.  
**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 self-timer/battery check lever. Continuous LED and PCV (automatic switch off after about 90 sec.).  
**Flash mounting:** Exclusive automatic Electronic Flash A11 (A16) attaches to (or detaches from) the camera in seconds.  
 Setting camera's flash lever to flash symbol switches

the A11 (A16) on, and sets the XA2 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 alkaline-manganese batteries LR44 (A76) or silver oxide batteries SR44 (EPX-76 or equivalent).  
**Dimensions and weight:** 102×65×40mm (4"×2.6"×1.6"). 200g (7.1 oz.) (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 (XA, XA-2) and manual mode (XA only) 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.

**XA2 alone**  
 Stock NO.102-510  
**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