

# XA 1 & ELECTRONIC FLASH A9M



## Characteristics

- Full-frame 35mm Capsule Camera with automatic "solar power" exposures.
- Fabulous looks, fantastically easy to use.
- Tiny streamlined design for perfect pocketing.
- The Dust Barrier gives perfect protection from dust and dirt on all optical surfaces.
- Fixed focus, so there is no need for focusing. Focus range is 1.5 meters (5ft.) to infinity.
- A red warning mark appears and the shutter locks when there is insufficient light for exposure.
- Superbly affordable.

## Notes

- This camera needs no batteries because the exposure meter is electrically operated by sunlight or other light source. (A9M needs one 1.5V size AA battery.)
- Do not leave the camera in high temperatures of 50°C (122°F) or more, or in high humidity.
- The camera may not operate normally when used in extremely low temperatures of -20°C (-4°F) or less.
- Do not leave near a TV set or other appliances with a strong magnetic field, or inside a steel container.
- Filters and tripods cannot be used with the XA1.

## Electronic Flash A9M.

- A compact, lightweight electronic-flash unit. Guide number is 9 (in meters) or 30 (in feet) at ASA 100.
- It integrates with the XA1 to form a single entity in external appearance and operates as easily as those built into the camera.
- Other XA-series flash units (A11 and A16) are also compatible in full-flash mode.

**OLYMPUS**

Stock number(s) shown on next page



● X-Synchro Contacts

● Flash Retaining Socket  
Accepts screw of A9M.

● Flash Diffuser Window  
Flash beam covers the 35mm lens angle.

● Flash Clamping Screw

● Charge Lamp

● ON-OFF Switch

● Lens

● Flash Lever

● Flash Guide Pin Hole

● Rewind Crank • Rewind Knob  
Camera Back Release

● Electric Eye  
(Light sensor)

● Non-Slip Finger Grip

● Dust Barrier

● Guide Pin

● Strap Eyelet

● Exposure Counter

● Shutter Release Button

● Clamping Screw

● X Synchro Contacts

● MANUAL Scale

● Battery Chamber Cap

● Viewfinder Eyepiece

● Rear Film Winder

● ASA Film Speed Lever

● Rewind Button

Super compact 35mm F4 lens. Deluxe 4-group 4-element construction, using high-quality optical glass.

Setting the flash lever to "Flash" switches on the A9M, initiates charging and sets the camera to flash mode. Returning the flash lever to the original position switches off the A9M and sets the camera to EE mode.

Accepts guide pin of A9M. Setting the flash lever to "Flash" thrusts out a pin recessed in this hole.

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

Operated electrically by sunlight (or other strong light) so batteries are not needed.

Dust Barrier is opened or closed quickly by pressing finger tip against this part.

Protects the lens, viewfinder and even rear eyepiece window. Opening the Dust Barrier unlocks the shutter release, and all camera functions are ready for action. Closing it locks the shutter release. (A safety mechanism allows the camera back to be opened for film loading/unloading, unlocking related functions).

Positions A9M to camera flank for fast connection. The internal pin completes ON/OFF circuit between flash and camera.

A clockwise turn fastens A9M to camera.

A red warning mark appears and the shutter release locks when light conditions are too dark for EE exposure. A flash unit should be used in such cases (the shutter release can be pressed to see whether or not the red warning mark appears, before winding the film).

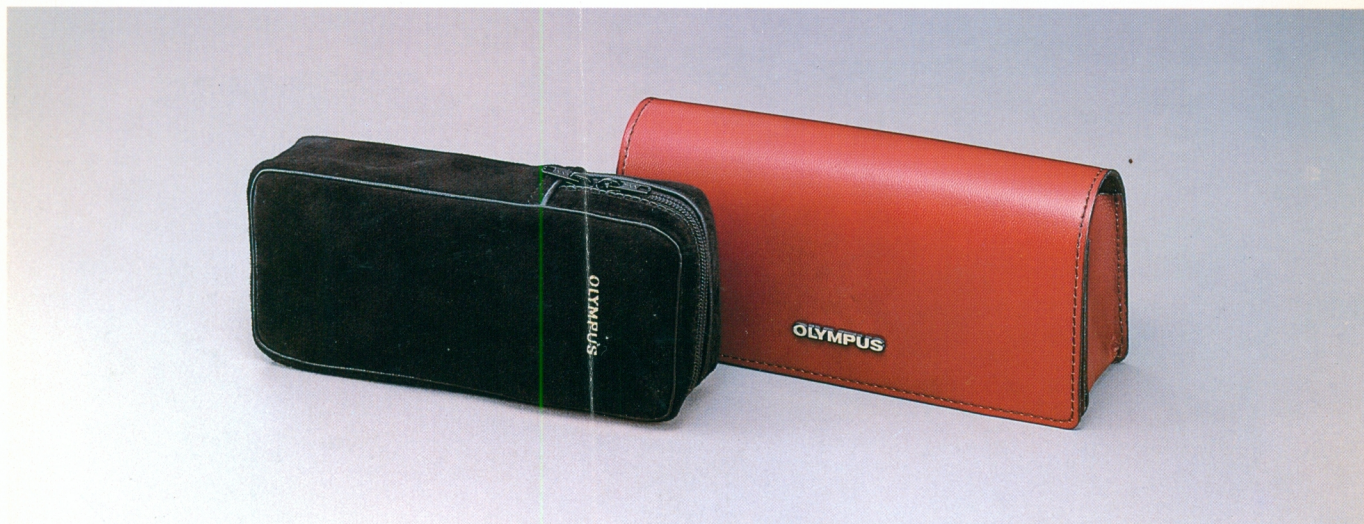


Actual size



# XA1 & ELECTRONIC FLASH A9M

## ● Soft Case L / Hard Case L



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

## ● Main Specifications

### XA1

**Camera type:** 35mm lens-shutter camera.  
**Film format:** 35mm standard cassette (24 x 36mm).  
**Lens:** D. Zuiko 35mm F4, 4 elements in 4 groups.  
**Shutter:** Programmed between-lens-shutter (F4·1/30 sec. ~F22·1/250 sec.).  
**Viewfinder:** Bright frame finder, 0.5x. Red signal indicates under-exposure.  
**Focusing:** Universal focus (from 1.5m or 5feet to infinity).  
**Exposure control:** Automatic by built-in selenium cell meter. Shutter locks to prevent under-exposure.  
**Applicable ASA film speeds:** ASA 100 and 400.

**Exposure range:** EV 9~17 (ASA 100).  
**Film advance:** Rear winding thumbwheel (360°). Built-in prevention against double advance and double exposure.  
**Exposure counter:** Progressive type with automatic reset.  
**Film rewind:** Crank type with rewind release button.  
**Flash mounting:** Exclusive flash unit A9M attaches to camera in seconds. A11 or A16 can also be used.  
**Lens/finder barrier:** Sliding Dust Barrier. When cover is fully opened, you can take pictures. When the Dust Barrier is closed, shutter locks.

**Power source:** Solar powered selenium photo cell.  
**Dimensions, Weight:** 104 x 65 x 40mm (4.1" x 2.6" x 1.6") 190 g. (6.7 oz.)

## ● Electronic Flash A9M

**Unit type:** Electronic flash unit.  
**Guide number:** 9 (ASA 100, meters). or 30 (ASA 100, feet)  
**Applicable ASA film speeds:** ASA 100 and 400.  
**Number of flashes:** Approximately 180 with one 1.5V AA "penlight" battery.  
**Recycle time:** Approximately 7 sec. with 1.5V AA "pen-

light" battery.  
**Connection to camera:** XA1 exclusive mount.  
**Power switch:** Flash lever on XA1 switches "ON" or "OFF".  
**Power source:** 1.5V AA "penlight" battery x 1 (including, Ni-Cd battery).  
**Dimensions and weight:** 60 x 39\* x 36.5mm (2.4" x 1.5" x 1.4") 50 g. (1.8 oz.) without battery.

\*Measured from interface

**XA1 W/Electronic Flash A9M**  
 Stock NO. 102-506

**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