

# STEPHEN FINKEL PHOTOGRAPHY

## Pentax Zoom 60

Pentax Zoom 60 was manufactured in Japan in 1988. It is a fully automatic leaf-shutter compact camera with zoom lens and auto flash.

### **Specifications:**

Film type is 35mm perforated cartridge film. 24mm x 36mm format.

Lens: Pentax power zoom 38mm -60mm f/4.5 – f/6.7, 6 elements in 5 groups.

Focusing System: Pentax infrared active automatic focusing system with focus-lock device

Auto Focusing ranges: 1m (3.3 ft) to infinity in ordinary shooting; 0.54m (1.8 ft) to 1m (3.3 ft) at MACRO.

Exposure Control: Programmed automatic exposure control from EV9.5 to EV 16.5 at WIDE, from EV 10.5 to EV 16.5 at TELE and from EV 14 to EV 16.5 at Macro (at ISO 100)

Shutter: Electronically programmed between – the –lens shutter with shutter speeds approx. 1/250 sec to 1/30sec electro-magnetic release.

Viewfinder: Zoom finder with albedo-bright frame, Automatic parallax compensation mechanism by prism at MACRO. Picture area: 82%. Magnification approx. 0.4X at WIDE and 0.6X at TELE and MACRO. Information:

Picture frame mark, parallax compensation frame mark and auto-focus frame mark.

External LCD indications: Exposure frame number, lens focal length, film winding/rewinding, ordinary-shooting, macro shooting, daylight-sync flash and battery level.

Film loading: Automatic film loading with first frame positioning.

Film winding: Automatic film winding

Film Rewinding: Automatic film rewind at end of roll Automatic stop upon rewind completion.

Film-speed setting Automatic film-speed setting with DX-coded film from ISO 50 to ISO 1600 (fixed setting as ISO 100 with non-DX-coded film and DX-coded film of ISO 25, ISO 32 and ISO 40.)

Flash: Built in automatic discharge flash. Recycling Time: approx. 3 sec with fresh lithium battery

Power Source: One 6V lithium battery (CR-P2 or DL-223A)

Battery Life: Approx. 125 Rolls of 24 exposures without flash. Approx. 30 rolls of 24 exposure film with flash used for 50% of shooting

Dimensions: 135mm (W) x 73mm (H) x 57mm (D)

Weight: 315G without battery.

### **Features:**

Main Switch: for ordinary shooting

Mode Switch Button: For switching the flash to the ordinary shooting (also auto flash) or daylight sync flash mode

Exposure counter/ focal-length indication: Indicates the number of the frames exposed and the focal length of the lens in use.

Macro Mark: Indicates you are taking a close up picture

Ordinary shooting mark: Indicates the camera is set in the ordinary shooting mode in which the flash automatically fires when the subject is dark.

Daylight sync mark: Indicates that the flash fires automatically regardless of the subjects brightness

Film transport mark: Indicates the film is advancing or being rewind.

Cartridge Mark: indicates the film is loaded

Battery mark: indicate how good the battery is.

### **Flash-effective ranges**

(Nega-color film used)

Lens \ ISO	50	100	400	1600
38mm [ ▲▲▲ ]	1 – 2.4m	1 – 3.4m	1 – 6.8m	*1 – 13.5m
60mm [ ▲ ]	1 – 1.6m	1 – 2.3m	1 – 4.6m	*1 – 9.2m
Macro [ ▼ ]	0.54 – 1m	0.54 – 1m	*0.54 – 1m	*0.7 – 1m

\*Because of high-speed film, overexposure may be made at close range.



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