Specifications

**Type:** TTL autofocus, auto-exposure multi-mode 35mm SLR

**Image Size:** 24mm x 36mm

**Lens Mount:** Pentax K, Bayonet mount, compatible with K, Kx, and K Mount.

**Usable Lenses:** Pentax K, Kx, K, and K-Mount lenses.

**Power Zoom System (with Pentax FA zoom power lenses):**
- Type: Type: Power-assisted zooming by motor built in lens.
- Zoom speed: 3 speeds adjustable by zoom ring.
- Functions: (1) Power zoom; (2) Manual zoom; (3) Auto lens zoom retraction with the power OFF.

**Focusing System:**
- Type: TTL phase-matching 6-point selective autofocus system (SAFOX VII).
- Applicable illumination range: EV-1 ~ EV18 (at ISO100 with F1.4 lens).
- Dioptr adjustment: -2.5 ~ +1.5m

**Viewfinder:**
- Magnification: 0.75X (with 50mm F1.4 at infinity).
- Diopter focusing screen. Field of View: 92% vertically/horizontally.
- Position -1m
- Diopter adjustment: -2.5 ~ +1.5m (adjustable).

**Viewfinder LCD Indication:**
- (1) In-focus: (2) Flash information (flash-use recommendation, recharge completion, non-applicable lens warning and external flash status); (3) Tv (shutter speed) value, Av (aperture) value, exposure compensation and out of meter coupling range warning; (4) Bar graph; (5) Focus point indicator; (6) AE Lock signal; (7) Auto focus frame; (8) Spot metering frame.

**LCD Panel Indication:**
- Type: multi-data LCD type with EL (Electro-Luminescence) illuminator.
- Indication: (1) Exposure mode (Programmed AE Mode, Shutter-Priority AE Mode, Aperture-Priority AE Mode, Metered Manual Mode); (2) Film loading, film advance / rewind and loading error warning; (3) Exposure frame number; (4) Shutter speed and/or aperture value; (5) Manual-set film speed; (6) Audible PCV signal; (7) Auto flash function; (8) Flash use recommendation and recharge incomplete/completed; (9) Red-eye reduction flash; (10) Wireless flash mode; (11) High-speed sync mode; (12) Pentax function; (13) Imprinting exposure data information; (14) Battery exhaustion warning.

**Film Handling:**
- Loading: Quick auto loading (automatic film advance to first frame).
- Advance / rewind: Automatic (mid-roll rewind possible).
- Advanced mode: (1) Single; (2) Consecutive (approx. 2.5 frames / sec.).

**Film Speed Setting:**
- Automatic with DX-coded film (ISO25 ~ ISO6000); (2) Manual (ISO25 ~ 6400 in 1/3EV steps).

**Built-in Flash:**
- Type: Series-control retractable TTL auto flash (RTF)
- Guide Number: 40 (ISO 100/ft.).
- Angle-of-view coverage: 24mm wide-angle lens.
- Flash Synchronization: With RTF and via hot shoe.
- Sync speed: 1/180 sec. set automatically with RTF or Pentax dedicated flash unit at recharge completion.

**Self-Timer:** Electronically controlled type with 2 or 12 seconds delay. Cancellation possible.
- Drive Mode: (1) Single advance; (2) Consecutive advance; (3) Self-timer; (4) Multiple exposure.

**Pentax Functions:** 19 custom-programmable functions.

**Photographic Data Imprinting:** Data imprinted outside of image area.
- Recordable data: (1) Total number of film rolls; (2) ISO film speed; (3) Information of imprinting density; (4) Exposure mode; (5) Metering Mode; (6) Shutter speed; (7) Aperture; (8) Exposure compensation value.

**Date Imprinting:**

**Power Source:** Two 3V lithium batteries (CR2 type)

**Dimensions:** 5.4” (W) x 3.7” (H) x 1.5” (D)

**Weight:** 18.3 oz. (520 g)

Design and specifications are subject to change without notice.

It is strongly recommended that you read the entire operating manual before operating this camera.

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**New Accessories for the MZ-S**

AF360FGZ dedicated flash unit

- Newly developed to optimize the MZ-S's capabilities, this TTL auto flash unit has a guidelined of 129 (at ISO 100/ft.) and, in combination with the MZ-S, offers such advanced features as high-speed flash synchronization, wireless remote-control operation and trailing shutter-curtain synchronization.

**BG-10 battery grip**

- Powered by four AA-sized batteries, this powerful grip can be easily attached to the MZ-S's bottom section and offers an extra-shutter release button for vertical-position shooting and a trigger for wireless remote shutter release.

**CS-105 & CS-130 cable switches**

- These electronic cable switches offer single-action installation and removal from the MZ-S.

**TS-110 release timer switch**

- This versatile cable switch also functions as a multi-mode timer, allowing the user to set a starting time for timer operation and an exposure duration for bulb shooting.

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**PENTAX**

The Pentax MZ-S

Pentax’s Answer for Ultimate Maneuverability

- A highly maneuverable body with a slanted control panel.
- A hybrid control system combining digital and analog operations.
- Advanced multi-pattern metering and six-point AF system.
- A multi-function built-in auto flash and a versatile flash system.
- On-the-film data imprinting and electronic depth-of-field preview.
- 19 Custom-adjustable Pentax Functions.
- A magnesium-diecast body housing for strength and durability.
The New Flagship of Pentax 35mm SLR
The Perfect Harmony of Performance and Maneuverability

The Pentax MZ-S is designed to ensure optimum performance in a wide variety of photographic situations, so its users can produce images exactly the way they intended. Its hybrid control system combines the benefits of swift, multi-functional digital operation with the advantages of user-friendly, easy-to-maneuver analog operation. It incorporates host of advanced features which are designed to simplify complicated photographic techniques, including a sophisticated autofocus system and a versatile flash system. All these features are packed into an innovatively designed, highly maneuverable body. The Pentax MZ-S is today's most technologically advanced 35mm SLR camera, offering unmatched maneuverability.

A drastically slanted control panel
The MZ-S's top panel is slanted 30 degrees toward the photographer, so that all the settings can be confirmed at a quick glance with a slight shift of the eye from the viewfinder.

An instant shift of exposure modes
The photographer can select the desired exposure mode (Programmed AE, Aperture-Priority AE, Shutter-Priority AE and Meter M readout) using the select dial for shutter-speed control and the lens aperture ring for aperture setting. The manually selected shutter speed can be quickly shifted back to computer-selected speed with a single press of the exposure mode button. Vital photographic data is displayed in the LCD panel (with an EL illuminator), which is conveniently positioned inside the select dial.

Simple-to-use exposure compensation and auto bracketing
The exposure compensation dial on the left shoulder offers the benefits of simple analog operation. This dial allows the photographer to easily couple exposure compensation with auto bracketing and to confirm the resulting auto bracketing values at a quick glance.

In combination with the Auto Bracketing function, you can take pictures at –0EV, –1EV.

SAFOX VII with wide focus frame
The MZ-S's new six-point autofocus system offers a wide focus frame, so the photographer can capture subjects in crisp focus even when positioned far away from the center of the image field. It offers a choice of Auto Focus, AF Single, AF Continuous and Manual focusing. In addition to a sensitivity level of the film, a selection of focus point follow-up function (adjacent focus point is activated or not when the middle point cannot confirm in-focus).

Auto focus
The MZ-S's new six-point autofocus system offers a wide focus frame, so the photographer can capture subjects in crisp focus even under complicated lighting conditions. Using the metering mode switch on the top panel, the photographer can also select the center-weighted or spot metering mode with great ease. The AE lock button on the back panel locks the exposure settings instantly, while the exposure compensation dial on the left shoulder offers quick, easy exposure compensation.

On-the-film data imprinting
In addition to data imprinting of date or day and time in the image area using an optional data back, the MZ-S allows the photographer to imprint important photographic data such as — total number of film rolls, ISO film speed, information of imprinting density, exposure compensation value, aperture value, and exposure compensation value, directly onto the film’s blank area.

Rigid magnesium-diecast body
The major components of the MZ-S's body housing, such as top, bottom and front panels and flash section, are made of magnesium diecast material. As a result, the MZ-S offers outstanding reliability and durability even under most demanding conditions.

More distinguished features

- Interchangeable Natural-Bright Matte focusing screens for a bright, bright viewfinder image. The MZ-S comes with the standard GF-60 AF Frame Matte screen. The optional GG-60 Cross-Lined Matte screen is also available.
- A sensitivity level of the film, a selection of focus point follow-up function (adjacent focus point is activated or not when the middle point cannot confirm in-focus).
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Acclaimed six-segment multi-pattern metering
The MZ-S's advanced six-segment multi-pattern metering system ensures accurate exposure control even under complicated lighting conditions.

Electronic shutter with a top speed of 1/6000 second
The electronically controlled focal-plane shutter offers shutter speeds from 2/6000 to 30 seconds with a flash synchronization at 1/180 second. Its wide shutter range and reliable operation are especially useful in specialized applications.