Crafted for your command

- Aperture-Priority Auto exposure control possible with Ai-type Nikkor and AF Nikkor lenses
- Hybrid shutter speed control system — When shutter speed is selected manually, the FM3A works without batteries at all speeds*
- Top shutter speed of 1/4000 sec. and peak flash sync speed of 1/250 sec.
- Exposure compensation (-2 to +2 EV)
- Standard TTL flash control possible

- TTL flash-compensation button for balanced fill-flash effect
- Compatible with DX-coded film cartridges
- Three bright clear matte interchangeable focusing screens allow pinpoint-focus, even in dim light
- Sequential shooting of up to 3.2 frames per second (fps) with Motor Drive MD-12

*You can release the shutter without batteries, but the camera’s built-in exposure meter will not operate.
Type of camera 35mm single-lens reflex with electronically and mechanically controlled focal-plane shutter

Applicable film 35mm film in a cartridge

Frame size 24 x 36mm

Lens mount Nikon F mount

Shutter Vertical-travel, metal focal-plane shutter

Shutter-speed settings A (aperture-priority auto): 8 to 1/4000 sec., electronic stepless control (indication are 1 to 1/4000)

Manual: Bulb, 1 to 1/4000 sec., mechanical control

Viewfinder Eye-level pentaprism

Eyepoint 14mm (at –1.0m–1)

Focusing screen K3 type (splitprism-image microprism type, Clear Matte Screen II) standard, B3 type and E3 type optional

Viewfinder frame coverage Approx. 93% (objective screen)

Viewfinder magnification Approx. 0.80 x with 50mm lens set to infinity

Viewfinder information Shutter speed, exposure meter indication, shutter indication, direct aperture value, exposure compensation mark, ready light

Reflex mirror Quick-return type

Exposure meter sync TTL centre-weighted, full-aperture exposure metering system, approx. 60% of the meter’s sensitivity concentrated on a 12mm diameter circle

Metering range EV 1 to EV 20 at ISO100 (with a 50mm f/1.4 lens)

Film-sensitivity settings DX system or Manual. With DX: ISO 25 to 5000 Manual: ISO 12 to 6400

Exposure compensation Exposure compensated to ±2 EV in units of 1/3 EV (compensation to the + side not possible with ISO 1000, (compensation to the – side not possible with ISO 12, and ISO 12 to 6400)

Auto Exposure Lock Enabled by pressing the AE lock button

Film advance Lever provided, 30-degree standoff angle and 135-degree winding angle, automatic film advance enabled with MD-12 Motor Drive (sold separately)

Frame counter Additive type (5, 1 to 36), automatic reset

Film rewinding Film reset button and rewind crank provided

Self-timer Mechanically controlled, countdown time of approx. 4 to 10 seconds, cancellation possible

Lens aperture Instant-return system, with aperture lever

Multiple exposure Activated with multiple exposure lever

Sync contact X-contact only; synchronised with the flash at a low speed of less than 1/250 sec.

Flash control TTL flash: Enabled by using SB-28, SB-50DX, etc. in combination

TTL flash compensation: Compensation to -1 EV activated with the TTL flash compensation button on the camera

Film speed synchronisation in TTL flash: ISO 12 to 1000

Sync terminal J 5 sync terminal provided as standard, with lock screws

Accessory shoe Hot-shoe contact (sync contact, ready-light contact, monitor contact, stop-signal contact for TTL flash) with a lock hole to prevent accidental dropping

Ready light Lights when the flash is fully charged with SB-28, SB-50DX, etc.; blinks for full-output warning or shutter-speed settings from 1/500 to 1/4000 sec.

Camera back Detachable hinged back; MF-16 Data Back can be attached in place

Camera-back opening Achieved with the film-rewind lever

Power source One 3V lithium battery (CR-1/3N type), two 1.55V silver-oxide batteries (LR44 type), or two 1.5V alkaline batteries (LR44 type)

Meter-on timer To turn the camera on when the shutter-release button is pressed lightly, turning off 16 seconds after the finger leaves the button. With the MD-12 Motor Drive, the camera is turned on when the shutter release button of the MD-12 is pressed lightly, and it turns off approx. 66 seconds after your finger leaves the button

Battery power check Displayed for 16 seconds with the meter-on timer. The exposure meter does not work if the batteries are exhausted

Number of film rolls that can be shot button in the lightly pressed position for 10 seconds, pressing it all the way, and waiting until the timer activates, with 36-frame film rolls, a shutter speed of 1/250 second in Aperture-Priority Auto mode:

<table>
<thead>
<tr>
<th>Film Type</th>
<th>At normal temperature (20°C/68°F)</th>
<th>At low temperature (–10°C/14°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>One 3V lithium battery</td>
<td>approx. 110 rolls</td>
<td>approx. 60 rolls</td>
</tr>
<tr>
<td>Two 1.55V silver-oxide batteries</td>
<td>approx. 120 rolls</td>
<td>approx. 65 rolls</td>
</tr>
<tr>
<td>Two 1.5V alkaline batteries</td>
<td>approx. 50 rolls</td>
<td>approx. 25 rolls</td>
</tr>
</tbody>
</table>

Optional exclusive or common accessories

MD-12 Motor Drive

5B-28 Speedlight and equivalents

MF-16 Data Back

CF-27S/CF-28S/CF-29S Camera Case

AR-3 Cable Release etc.

Tripod socket 1/4 (ISO 1222)

Dimensions (W x H x D) Approx. 142.5 x 90 x 58 mm or 5.6 x 3.5 x 2.3 in. (camera body only)

Weight Approx. 570 g or 20.1 oz. (camera body only, including battery)

All specifications apply when fresh batteries are used at normal temperature (20°C/68°F).

Specifications and designs are subject to change without any notice or obligation on the part of the manufacturer.

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