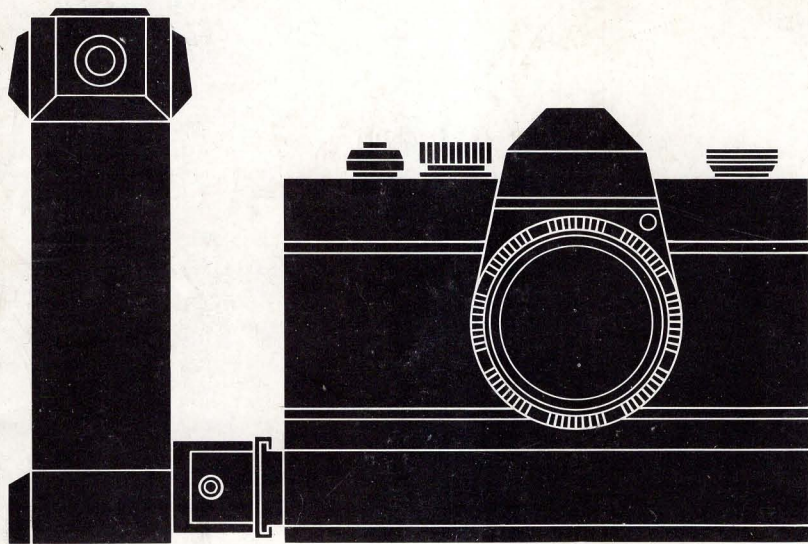
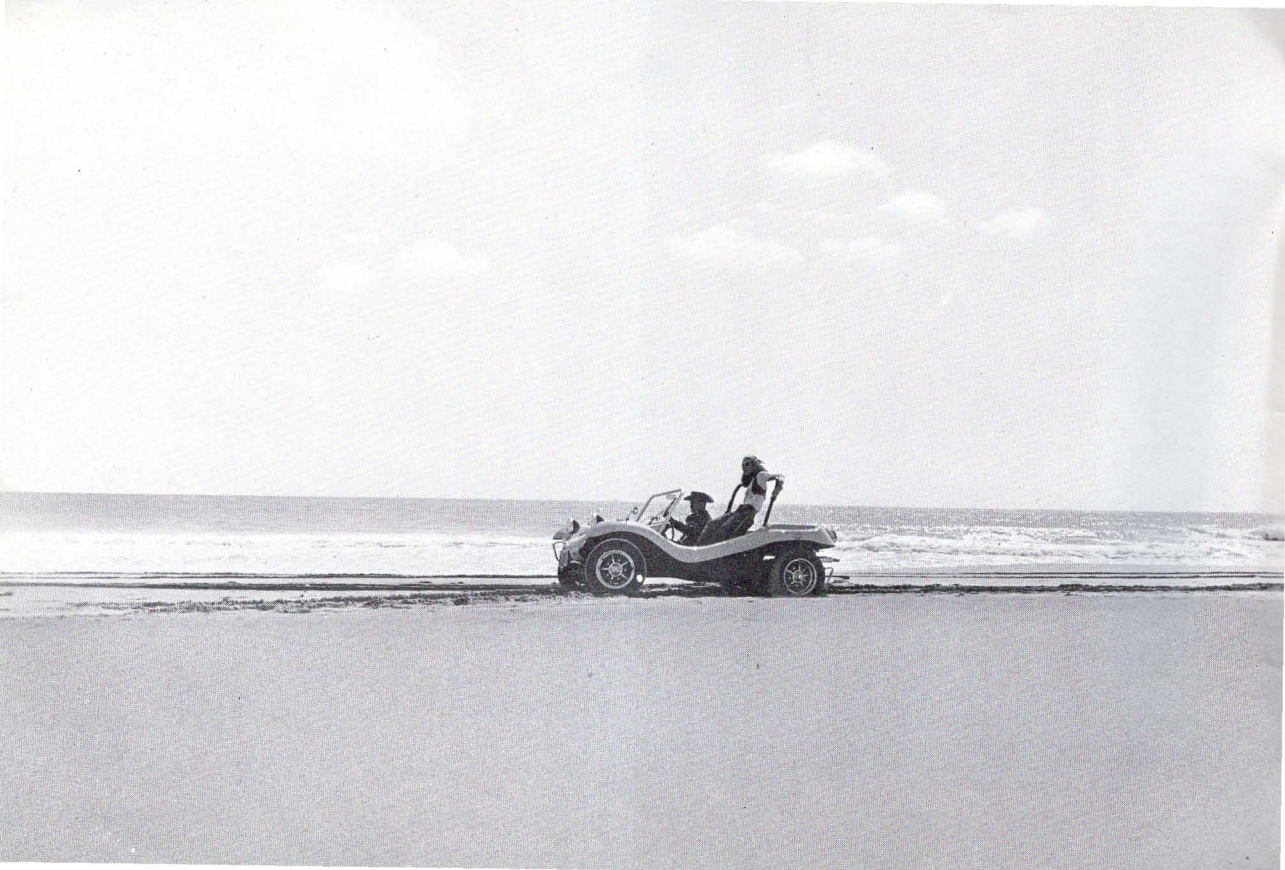


MINOLTA SR-M



OWNER'S MANUAL

E

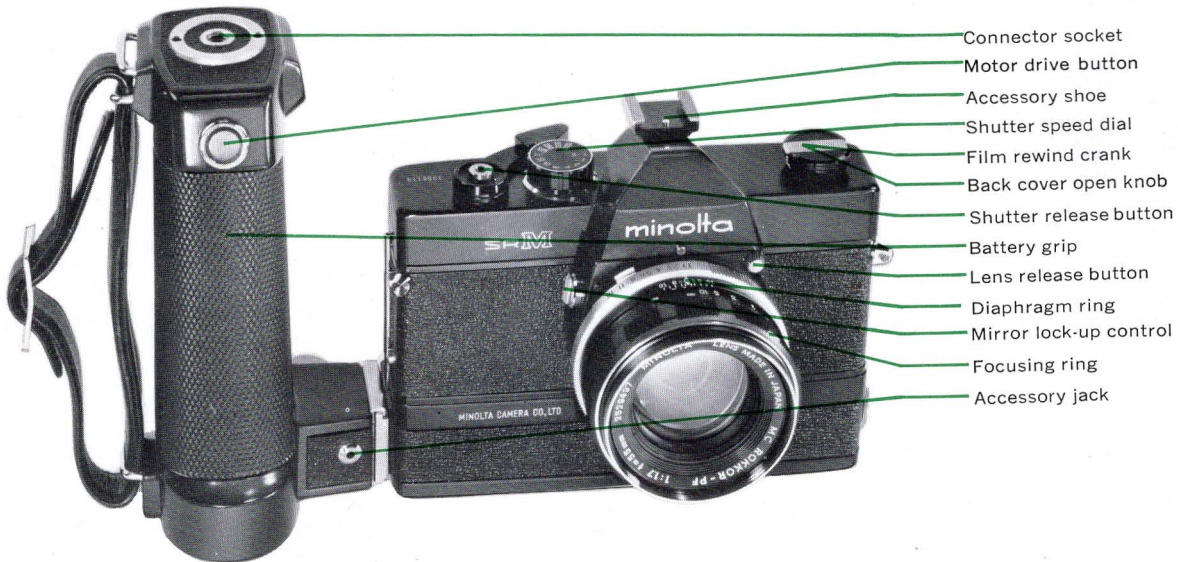


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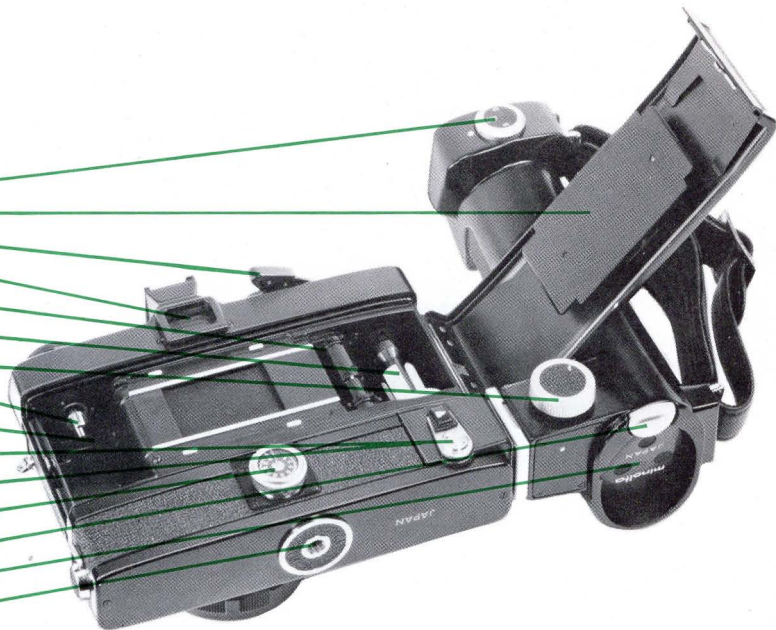
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NAMES OF PARTS

2



- S.C. selector/Battery switch
- Film pressure plate
- Film advance lever
- Finder eyepiece
- Sprocket
- Film take-up spool
- Battery grip lock
- Rewind shaft
- Film chamber
- Power rewind switch
- Rewind lever
- Frame counter
- Battery container lock
- Battery container
- Tripod and connector socket



SPECIFICATIONS

4

- Type: 35mm Single Lens Reflex with motorized film advance
- Standard Lens: MC Rokkor 55mm F1.7, 6 elements in 5 groups
 - Angle of view: 43°
 - Diaphragm: Fully Automatic
 - Diaphragm scale: 1.7, 2, 2.8, 4, 5.6, 8, 11 and 16 with intermediate click stops
 - Filter mount: 52mm screw-in
 - Lens shade mount: 52mm screw-in
 - Lens mount: SR Bayonet
- Shutter: Focal plane shutter. Speeds: T-B, 1 through $1/1000$ sec.
 - Synch. contact: FP and X (up to $1/60$)
- Film Advance: Motorized, or manually controlled. Three frames per second maximum
- Frame counter: Pre-setting exposures number
 - Automatic stopping when exposures are completed
 - Automatic resetting when camera back is opened
- Film Rewind: Motorized rewind. Automatic stopping at pre-set exposure number
- Viewfinder: Fixed eye level pentaprism
 - Groundglass with micropism focusing
 - Visibility: 94% of actual image on film
- Power Source: Eight 1.5v penlight, AA-size batteries (12v) to be installed into battery grip
- Battery Grip: Cordless contact. Continuous, single operation and OFF selection dial
- Others: Built-in accessory shoe. Built-in mirror lock. Removable camera back
- Size & Weight: 145×120×47.5 ($5\frac{3}{4} \times 4\frac{3}{4} \times 1\frac{7}{8}$ in.)
 - 1560g (55 oz.)(with F1.7 lens without batteries)

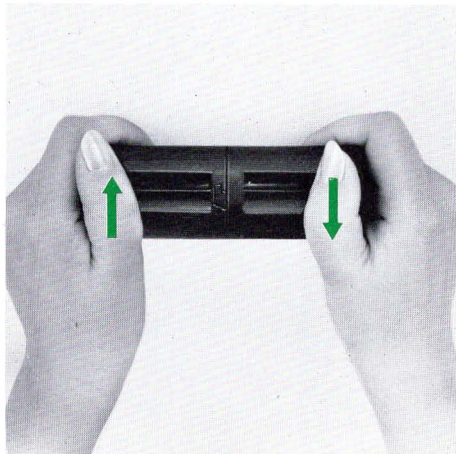
BATTERY GRIP

Installing batteries

1. Take out battery container by turning battery container lock at the bottom of battery grip to either direction. Battery container will slide out of battery grip.



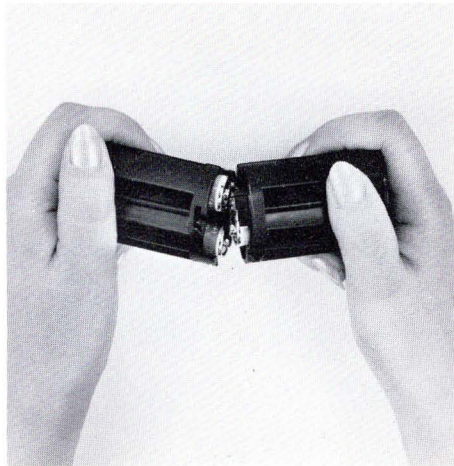
2. Twist the battery container and it opens at the middle.



3. Install batteries in accordance (+) (-) indication on insides of the battery containers.



4. Then replace both units together to form single container. Reinstall in battery grip with printed *Minolta Japan* facing you, and lock it.



Attaching battery grip to camera body

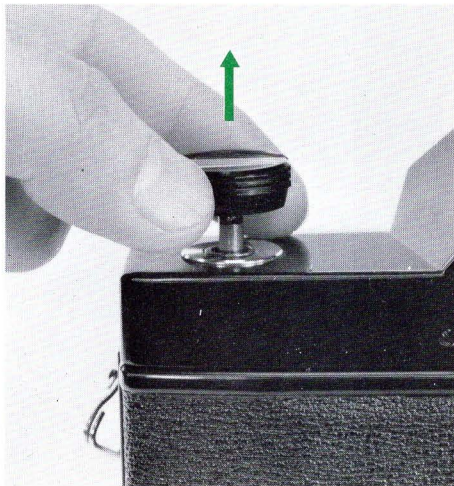
Slide battery contact shoe over battery contact bracket on camera. Secure contact by tightening battery grip lock, (knurled knob). Press motor drive button (setting S.C. selector dial at either **S** or **C**) to insure proper contact has been made.



FILM LOADING

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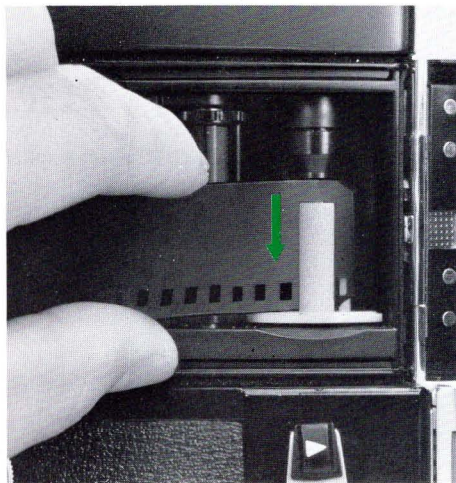
1. Pull back cover open knob up to open camera back.



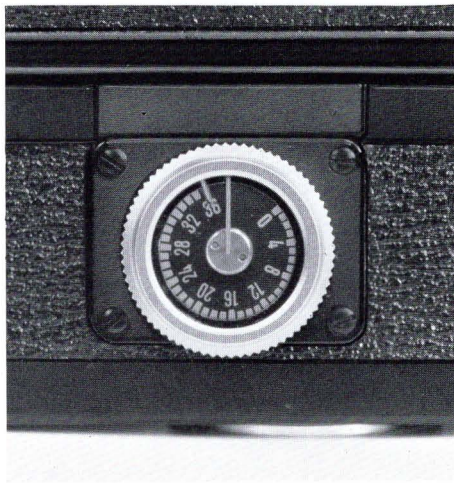
2. Place film magazine into film chamber.



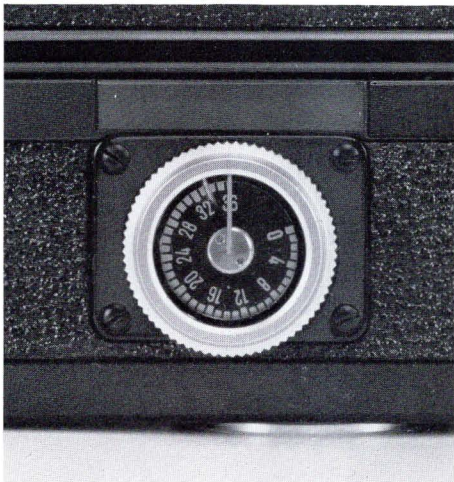
3. Insert film leader into any one of the slits on the take-up spool shown.
4. Close camera back.



5. To set frame counter, pull out ring, turn to bring short red line indicator to the same number exposures of your film. Then advance three frames either manually or using the motor film advance.



6. The long red line indicator will then correspond the same number of exposures of your film.

**NOTE:**

- The frame counter shows the number of exposures remaining.

Caution of self-loading of film magazine

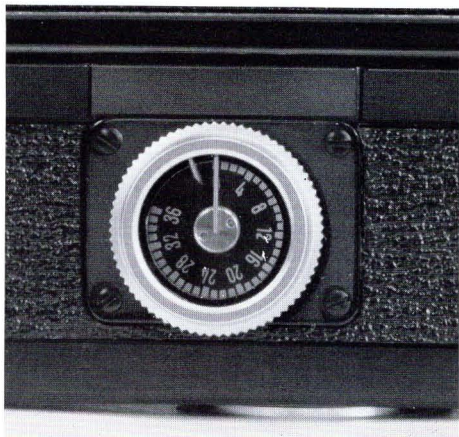
1. When you use film loaded by yourself be sure the film has sufficient leader equal to more than three frames plus the actual number of exposures to be set on counter. If the actual number of exposures of your film is less than what you set on counter, the counter will stop before reaching **0**, and the motor will make a "whir-r" sound.
2. Be sure to securely fasten the end of the film to the drum of the film magazine. If this is not properly done the motor may rip the entire length of film from the drum, thus causing problem in rewinding.

SHUTTER SPEED SETTING

1. At **S** (single) setting on S.C. selector dial of battery grip, shutter speed can be set at any speed including **T**. At **T** setting, shutter is kept open, once switch is activated, until shutter dial is turned manually away from **T** position toward second mark on shutter speed dial.
2. At **C** (continuous) setting, shutter speed should be set at 1/30th of a second or faster and the motor advances the film at three frames per second.



Speeds less than 1/30th of a second should not be used on continuous setting. At either operation the motor will stop at the **O** position on the frame counter when all exposures are completed.



3. Manual—The camera can be used as a regular camera without the battery grip.

NOTE:

- At **T-B** setting, shutter is kept open while shutter release button is depressed.
- Camera can be set to operate in short film of 4, 8, 12 etc. frames. However, read instruction for correct film rewinding, described in film unloading section.



FILM UNLOADING

A unique feature of the SR-M is the motorized film rewind. When rewinding, the film leader is *not* rewound into the magazine.

Film can be rewound automatically or manually regardless of the position of the frame counter.

For automatic motor rewind, simply push power film rewind switch to right as indicated by white arrow, and the counter stops at the number originally set when loading the film.

For manual rewind, set S.C. selector dial at OFF and rewind by mean of film rewind crank, holding film rewind lever in direction of white arrow.

NOTE:

- To rewind film completely by motor, do not at any time change setting of frame counter from its original position. If counter is changed rewinding film will have to be completed manually.

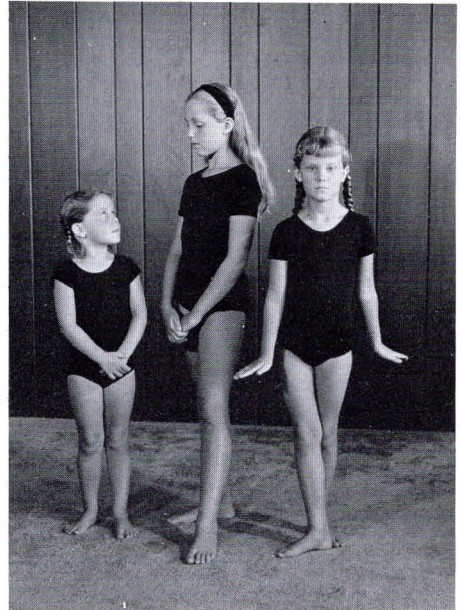


HOW TO CHANGE LENS

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To take lens off camera body, push lens release button down and turn lens counter-clockwise.

To mount lens, line up red dot on lens with red dot on camera and turn lens clockwise until it clicks.



MIRROR LOCK

For special occasion such as photomicrography that requires the least vibration of camera, you may lock up the mirror.

- Simply turn mirror lock-up control downward (clockwise) until it stops.
- Mirror will return to its usual operation when lock is returned to original position.

NOTE:

- Mirror lock operates independently of shutter release and film advance and can be activated anytime without the loss of film.



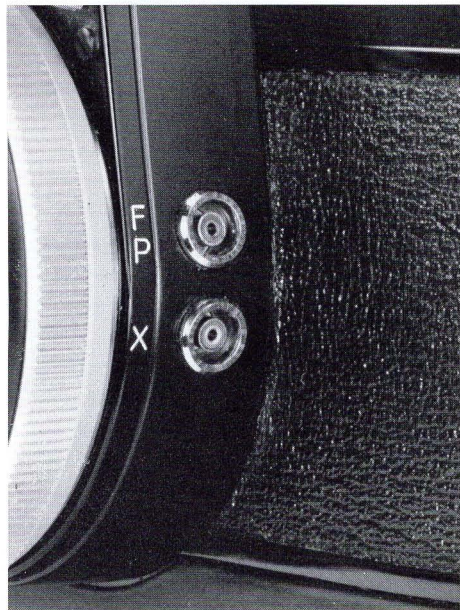
FLASH SYNCHRONIZATION

Camera is equipped with both FP and X synchronization terminals.

- FP bulb is synchronized to any shutter speed using FP terminal.
- X terminal allows to fire electronic flash (strobe) at $\frac{1}{60}$ th of a second or slower.
- M class bulb is synchronized at $\frac{1}{15}$ th of a second or slower.

NOTE:

- S** setting on S.C. selector dial or manual operation is recommended for flash photography.



OPTIONAL ACCESSORIES

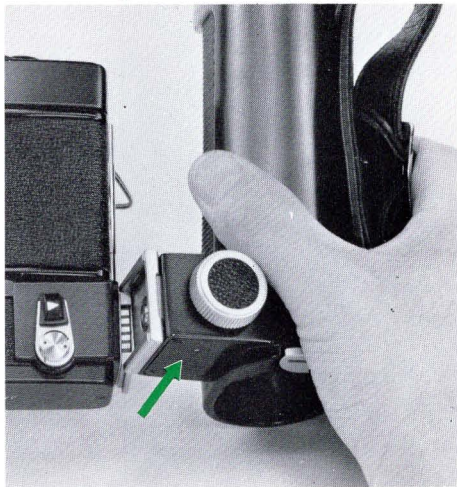
Battery Checker

How to check batteries

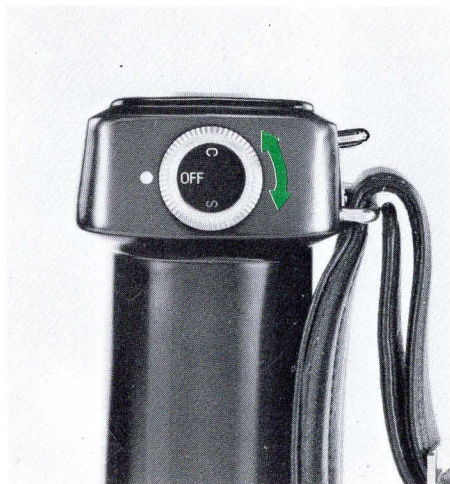
1. Loosen the battery grip lock by turning it counterclockwise.



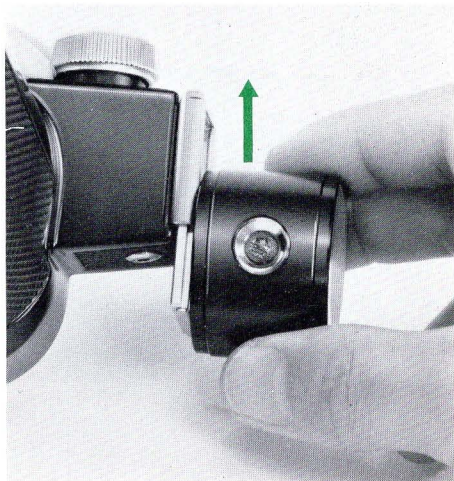
2. After turning it counterclockwise as far as it will go, remove the battery grip from the camera body by sliding it off the mounting bracket toward the rear.



3. Make sure the S.C. selector of battery grip is not in the OFF position.



4. Slide the battery checker bracket all the way into the shoe of the battery grip as shown and hold it there.



5. At this point, test lamp will light if batteries are still capable of transporting film at 2.5 frames per second. If test lamp does not light, fresh batteries should be inserted.

CAUTION:

- Be sure to slide battery checker into the shoe of battery grip all the way.
- Do not leave battery checker in position for more than 5 continuous seconds, as this will weaken batteries.
- Be careful not to touch terminals.



Remote control cord-S and-L

These remote control cords are designed to operate the SR-M from a distance. The remote control cord-S is 100cm (40 in.) in length the remote control cord-L, 500 cm (16 ft. 6 in.) With these, you can take remote pictures of wildlife, squeeze off exposures easily and smoothly while panning on a tripod, and so on.

How to use

1. Insert the plug of remote control cord-S (or-L) into the accessory jack on the front of part of the battery grip near the camera-attachment shoe.
2. Be sure the S.C. selector dial is not in the OFF position.
3. Push the release button on remote-control cord to actuate shutter and film transport.

NOTE:

- Camera can still be operated with the release button located on the battery grip even while a release cord is attached.



250 exp. film back

Features:

- Double-magazine type 35mm film back.
- Maximum loadable length of film: 10 meters (33 ft.).
- Manual/electric motor film transportation possible.
- Backward-counting: Automatically stops when exposures are completed (manual counter resetting required).
- Built-in film cutter for quick obtaining of results.
- Built-in tripod sockets $U\frac{3}{8}$ and $U\frac{1}{4}$.
- Removable back cover with safety lock.
- Battery grip attachable for hand-held operation.
- Safety camera lock to prevent camera from dropping.
- Size: $295 \times 71 \times 104$ mm ($11\frac{5}{8} \times 2\frac{3}{4} \times 4\frac{1}{8}$ in.).
- Weight: Body-950g (33.5 oz), two cartridges-260g (9.2 oz), grip attaching bracket-100g (3.5 oz.), total weight-1310g (46.2 oz.).



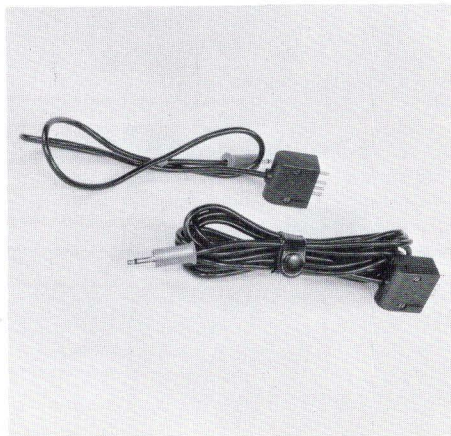
Film loader

- Designed to load up to 250 exp. length of film into cartridge for 250 exp. film back.
- Manual loading with automatic stop at present number of frame you want to load, (i.e. 50, 100, 150, 200, 250, and any intermediate numbers in dot).
- Can be used for Nikon 250 exp. magazines.



Connection cord-S and -L

Designed to connect Intervalometer-PM or Intervalometer-S with the SR-M's battery grip. Connecting cord-S is 50cm (20 in.) in length; connecting cord-L, 250cm (100 in.).



AC power supply cord

AC power supply cord is designed to fit into SR-M's battery grip in place of battery container. This cord is used with DC rectifier.



Intervalometer-S

This is a versatile high-quality timer capable of actuating exposure for adjustable periods at broad range of intervals from 0.2 second to 10 minutes.

More versatile than the Intervalometer-PM, this unit can be used for sampling (a series of continuous sequences taken during a certain period at regular intervals), and indent sampling (a series of single-frame exposure taken during a certain period at regular intervals), as well as ordinary time-lapse work and motion analyses, nature studies of animals and plants, traffic and meteorological studies, etc.

Intervalometer-PM

The Intervalometer-PM is a kind of repeating timer. This one enables you to take pictures at intervals of from 0.5 to 60 seconds between (single-frame) exposures.

Time setting	Usable shutter speed
0.5 sec.	$\frac{1}{1000}$ $\frac{1}{15}$
1 sec	$\frac{1}{1000}$ $\frac{1}{8}$
2 or up	$\frac{1}{1000}$ 1



CARE AND STORAGE OF YOUR MINOLTA SR-M

Don't touch the lens. If you inadvertently stain it, use a rubber ball blower to blow off dust from its surface, gently wipe its surface outwardly from the center with a lens cleaning cloth or tissue.

- Try to keep the lens clean. Brush it with a soft brush from time to time.
- Don't touch the mirror, but brush it with a soft brush.
- When storing the camera, set the distance scale to ∞ , release the shutter, and put the camera in the leather case.
- Do not drop or jar the camera.
- Do not store the camera in high temperature or humidity.
- When leaving the camera unused for a long time, remove the batteries from the camera.
- When storing the camera for a long period of time, put in original packaging with a small bag of Silica Gel. The Silica Gel is a drying agent.

CAUTION:

- *Liquid lens cleaner may be used only when fingerprints or scum formation cannot be removed with lens tissue.*

In this case, use a drop of lens cleaner on the cleaning paper or cloth and wipe the lens gently from its center to corner. Be sure not to drop the cleaner directly on the lens.

We hope that you'll enjoy your Minolta camera.

If you have any questions, ask your Minolta dealer. He is knowledgeable in all aspects of photography, and he can help you with all of your photographic needs.

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