Thank you for your purchase of a Minolta camera. This camera is equipped with functions to suit all your photographic needs. Before using your new camera, please take the time to read through this instruction manual for it contains information important to the proper use and care of your camera.

FOR PROPER AND SAFE USE

Read and understand all warnings and cautions before using this product.

WARNING

Batteries may become hot or explode due to improper use.
• Use only the batteries specified in this instruction manual.
• Do not use the batteries with the polarity (+/-) reversed.
• Do not subject batteries to fire or high temperatures.
• Do not attempt to recharge, short, or disassemble.
• Tape or allow moisture contacts before disposal. Follow local codes for battery disposal.

Use caution, accidents may occur when using this product near young children.

Keep batteries or things that could be swallowed away from young children. Contact a doctor immediately if an object is swallowed.

Immediately remove the batteries and discontinue use if...
• the camera is dropped or subjected to an impact in which the interior is exposed.
• the product emits a strange smell, heat, or smoke.

The lens retracts when the camera is turned off or Auto Power Off is activated. Touching the lens barrel while it is retracting may cause injury.

Do not disassemble. Electric shock may occur.

Do not subject your camera to extreme humidity.

To prevent condensation from forming, place the camera in a sealed plastic bag when bringing it from the cold exterior to a warm building.

Allow it to come to room temperature before removing it from the bag.

When photographing in cold weather, we recommend that you keep the camera and spare batteries inside your coat to keep them warm when you are not shooting. Cold batteries will regain some of their performance when warming up.

This camera is not waterproof, dust-proof, or sand-proof; take care when using it at the beach or near water. Costly or irreparable damage may occur.

OPERATING TEMPERATURE AND CONDITIONS

• This camera is designed for use for -10 to 40°C (14 to 104°F).
• At colder temperatures, the data panel response time will be slow; at higher temperatures, the display will temporarily darken, but will restore when the temperature returns to normal.

Never subject your camera to extreme humidity.

• To prevent condensation from forming, place the camera in a sealed plastic bag when bringing it from the cold exterior to a warm building.

Film transport: Automatic setting for DX-coded film ISO 25-3200 in 1EV steps

Exposure:

28mm: EV 2.6 - 17, 75mm: EV 3.3 - 17; Film speed range: Automatic setting for DX-coded film ISO 25-3200 in 1EV steps

Close-framing guides

Blinks quickly: Flash charging

Blinks: Subject too close

Glows: Focus confirmed

Blinks: Subject too close

Flash: 28mm: 0.4 - 5.9m (16 in.- 19.4 ft.), 75mm: 0.4 - 2.3m (16 in. - 7.5 ft.), Close-up: 0.4m - 1.0m (16 in. - 3.3 ft.); Maximum magnification 1/4.3X

NAMES OF PARTS

1. Shutter-release button
2. Date buttons (DATE model only)
3. Data panel
4. Subject-program selector
5. Self-timer/Drive-mode button
6. Flash-mode button
7. Flash
8. Back-cover release
9. Viewfinder window*
10. Metering window*
11. LENS*
12. Self-timer/Remote-control lamp
13. Autofocus windows/Remote-control receiver*

(Do not touch)

14. Flash lamp (orange)
15. Focus lamp (green)
16. Viewfinder*
17. DN/ON button
18. Zoom control
19. Battery cover
20. Strap-eyelet
21. Tripod socket
22. Rewind button
23. Film window
24. Back cover

DATA PANEL

1. Flash-mode indicator
2. Self-timer indicator
3. Continuous-drive indicator
4. Remote-control indicator
5. Date/Time display (date model only)
6. Low-battery symbol
7. Frame counter
8. Film-transport signals
9. Film-cartridge mark
10. Landscape/Normal View mode indicator
11. Night Portrait mode indicator
12. Close-up mode indicator
13. Subject-program pointer

VIEWFINDER

1. Focus lamp (green)
2. Focus lamp (green)
3. Observe/Confirm
4. Blinks: Subject too close
5. Flash lamp (orange)
6. Glows: Flash will fire
7. Blinks quickly: Flash charging
8. Blinks slowly: Camera-shake warning
9. Focus frame
10. Close-framing guides

TECHNICAL SPECIFICATIONS

Lens:
28-75mm f/3.5-8.9 power zoom lens with 4 elements in 4 groups

Focusing:
3-beam, active infrared autofocus system with focus lock; Focusing range: 0.4m - 16m (16 in. - 64 ft.); Close-up: 0.4m - 16m (16 in. - 64 ft.)

Exposure:
Center-weighted metering; Metering range (ISO 100):
28mm: EV 2.6 - 17, 75mm: EV 3.3 - 17; Film speed range: Automatic setting for DX-coded film ISO 25-3200 in 1EV steps

Film transport:
Auto advance to first frame, auto rewind, auto threading, manual start of rewinding possible; continuous drive: 1 sec./frame (without flash)

Flash:
Reflected, built-in flash, flashmètre with intensity control; Recycling time: approx. 0.3 - 7 sec.; Range (ISO 100): 28mm: 0.4 - 5.9m (19.4 ft.), 75mm: 0.4 - 2.3m (7.5 ft.)

Viewfinder:
Real-image zoom; Diopter subject at 3m (10 ft.): -1 diopter

Battery:
One 3-volt CR123A or DL123A lithium battery; Battery performance: Approx. 13 rolls (24 exp. roll w/ 50% flash)

Dimensions:
121 x 66.5 x 44mm (4.3/4 x 2-5/8 x 1.3/4 in.)

Weight:
245g (8.6 oz.)

Specifications are based on the latest information available at the time of printing and are subject to change without notice.
Step 1 ATTACHING THE STRAP

Attach the strap as shown.

Step 2 INSERTING THE BATTERY

Your camera uses one 3-volt CR123A or DL123A lithium battery to supply power for all camera operations.

1. Open the battery cover using a coin or similar object.
2. Insert the battery according to the + and – marks inside the battery chamber and snap the cover closed.
   - Before removing an old battery, make sure the camera is off.

LOW BATTERY SYMBOL

If the blinking low-battery symbol appears in the data panel with the other indicators, you can still use the camera, but the battery will have to be replaced soon.

If the blinking low-battery symbol appears alone (date model: only the date/time display with the blinking low-battery symbol), you cannot use the camera until you replace the battery. The shutter cannot be released.

Step 3 LOADING THE FILM

Use only 35mm, DX-coded film rated ISO 25 to 3200. ISO 400 or higher is recommended for taking telephoto photographs or pictures in low light.

1. Slide the back-cover release down to open the back cover and place the film cartridge into the film chamber.
2. Always load and unload the film in subdued light.
3. Extend the film tip to the “FILM TIP” mark, making sure it lays flat.

CLOSE-FRAMING

Close-framing Guides
When your subject is closer than 1.2m (4 ft.) at 75mm, first lock focus on your subject by pressing the shutter-release button partway down, then recompose your picture within the close-framing guides.

- If the green focus lamp blinks, your subject is closer than the minimum focusing distance of 0.4m (16 in.) and will not be in focus. The shutter cannot be released.
- If the subject is very close to the camera, the green focus lamp will glow, but the picture will not be in focus.

FOCUS LOCK

When your subject is located outside the focus frame, you can first lock focus on your subject, then recompose the picture as desired.

1. Align the subject within the focus frame and press the shutter-release button partway down until the green focus lamp glows.

REWINDING THE FILM

The film will rewind automatically after the last frame has been exposed.

When appears and blinks in the data panel, open the back cover and remove the film.

If rewind stops before the film has been completely rewound and all indicators blink, DO NOT OPEN THE BACK COVER. Insert a fresh battery then press the rewind button.

Step 4 FULL AUTO OPERATION

1. Press the ON/OFF button to turn the camera on.
   - The flash will pop up and the lens barrel will extend.
   - Press the ON/OFF button to turn the camera off.
   - To conserve power, the camera automatically turns off if it is not operated for more than eight minutes. The lens barrel and flash will retract.
   - Do not obstruct the lens while it is retracting.

MANUAL REWIND

To begin rewind before the end of the roll, turn the camera on and gently press the rewind button using a pen or similar object.

FULL AUTO OPERATION - CONTINUED

1. Look through the viewfinder and press the W side of the zoom control to move toward wide angle or the T side to move toward telephoto.
   - Do not hold the lens barrel; focus may not be accurate.
   - Make sure your subject is at least 0.4 m (16 in.) from the camera.

2. Align your subject within the focus frame and press the shutter-release button partway down.

3. When the green focus lamp glows, gently press the shutter-release button all the way down to take the picture.
   - The flash will automatically fire in low light.
   - The film automatically advances to the next frame.

4. If the subject is very close to the camera, the green focus lamp will glow, but the picture will not be in focus.
USING THE BUILT-IN FLASH

Autoflash mode ( ), autoflash with red-eye reduction ( ), manual fill-flash ( ) or flash cancel ( ) can be selected.

Press the flash-mode button until the desired indicator appears in the data panel.

The sequence is as shown.

- When you turn the camera on, the built-in flash is set to autoflash or autofocus with red-eye reduction, whichever mode was last used.

FLASH RANGE

<table>
<thead>
<tr>
<th>28mm</th>
<th>75mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 100</td>
<td>0.4–5.9m</td>
</tr>
<tr>
<td>16 in–19.4 ft.</td>
<td>16 in–15.1 ft.</td>
</tr>
<tr>
<td>ISO 400</td>
<td>0.4–11.8m</td>
</tr>
<tr>
<td>16 in–38.7 ft.</td>
<td>16 in–38.7 ft.</td>
</tr>
</tbody>
</table>

The range of the built-in flash depends on the film speed and focal length you are using. To ensure proper exposure, make sure your subject is positioned within the flash range.

Do not hold the flash down; the shutter may not release.
- For vertically framed pictures, hold the camera so the flash is on top.

FLASH LAMP

While pressing the shutter-release button partway down:
- The orange flash lamp will glow whenever the built-in flash is on.
- When the orange flash lamp blinks slowly, your scene is too dark for a sharp hand-held picture. Use flash or place the camera on a tripod. When the orange flash lamp blinks rapidly, the flash is charging. Wait until it glows steadily, then take the picture. Flash recharge time is approximately 0.3 to 7 seconds.

AUTOFLASH MODE ( )

In autoflash mode, the flash will fire in low light.

RED-EYE REDUCTION MODE ( )

In this flash mode, the flash will fire a few short bursts before the main flash burst to reduce the ‘red-eye’ effect which occurs when photographing people in low light.

Press the flash-mode button until ( ) appears in the data panel, then take the picture.

- Before taking the picture, warn your subjects that the flash will fire a few short bursts before the picture is taken.
- The orange flash lamp will blink indicating preflash.

MANUAL FILL-FLASH MODE ( )

The flash will fire with every shutter release regardless of lighting. This can be used to reduce harsh, unflattering shadows on your subject’s face or illuminate your subject when it is back-lit.

Press the flash-mode button until ( ) appears in the data panel, then take the picture.

FLASH CANCEL MODE ( )

With flash-cancel, the flash will not fire. This mode should be used when photographing twilight scenes or subjects that are beyond the flash range.

Press the flash-mode button until ( ) appears in the data panel, then take the picture.

- When the flash is cancelled, shutter speeds may be slow. Placing your camera on a tripod is recommended.

CONTINUOUS-DRIVE MODE

In this mode, the camera continuously takes pictures and advances the film as long as the shutter-release button is held down.

- Press the self-timer/drive-mode button until ( ) appears in the data panel.
- Press the shutter-release button down and hold.
- Without flash, the shutter will release every 1.2 seconds;
with flash, the shutter will release when the flash is charged.
- Continuous-drive mode remains selected after you finish the series.
- The subject-program mode remains selected as long as you are pressing the shutter-release button. When you have finished a series, the subject-program selection is reset to auto.

REMOTE CONTROL (SOLD SEPARATELY)

The optional IR Remote Control RC-3 allows remote camera operation up to 6 meters (19.7 ft) away.
- The remote control will not operate with backlit subjects.
- Bright light or reflections entering the viewfinder may affect the camera’s meter reading.

Press the self-timer/drive-mode button until ( ) appears in the data panel.

- Press the self-timer/drive-mode button until ( ) appears in the data panel.
- Press the shutter-release button down and hold.
- Without flash, the shutter will release every 1.2 seconds;
with flash, the shutter will release when the flash is charged.
- Continuous-drive mode remains selected after you finish the series.
- The subject-program mode remains selected as long as you are pressing the shutter-release button. When you have finished a series, the subject-program selection is reset to auto.

Point the remote control toward the front of the camera and press either the Release or Delay button.
- The remote control lamp on the camera blinks once, then the picture is taken.
- Delay: The remote-control lamp on the camera blinks twice, then the picture is taken.

To cancel remote control mode, press the self-timer/drive-mode button until ( ) disappears or turn the camera off.

USING FOCUS HOLD IN REMOTE CONTROL MODE

- With the camera in remote mode, center the focus frame on the subject, then press the shutter-release button partway down.
- Recompose the picture, then use the remote control normally.
- Focus will remain locked after the picture is taken. To cancel focus hold, turn the camera off.

CHANGING THE BATTERY

The remote control uses a 3V lithium battery (CR2032).

- Pull out the battery chamber and remove the old battery.
- Insert a new battery into the chamber with its + side up, then slide the chamber back into the remote control
Subject-Program Selection allows you to tailor the camera's fully automatic operation to suit the subject. It provides optimal camera settings for close-ups (Close-up), portraits at night (Night Portrait), and distant subjects or night scenes (Landscape/Night View).

Press the subject-program selector until the pointer is above the desired indicator.

- After taking a picture in one of the subject-program modes, the camera will return to full-auto mode.

This mode enables you to take pictures of subjects as close as 40cm (16 in.).

Align your subject within the focus frame, then press the shutter-release button partway down until the green focus lamp glows.

- Use of a tripod is recommended.
- Manual fill-flash or manual fill-flash with red-eye reduction can be selected.
- Align your subject within the focus frame and press the shutter-release button partway down.
- When the orange flash lamp and green focus lamp glow, press the shutter-release button all the way down to take the picture.

Night-portrait mode sets a slow-shutter speed to correctly expose a dark background, such as a sunset or night scene, while flash properly exposes the foreground.

- At twilight or night, place your camera on a tripod to avoid blur caused by camera shake.
- Flash-cancel is set and cannot be changed.
- When all data is correct, press the SELECT button until the data stops blinking.

In this mode, focus is set to infinity. It can be used to photograph night scenes, ensure sharp focus for landscapes and other distant subjects, and should be used when photographing through glass.

- At twilight or night, place your camera on a tripod to avoid blur caused by camera shake.
- Flash-cancel is set and cannot be changed.
- Compose your subject within the viewfinder, then take the picture.

This feature enables you to record the date or time onto the lower-right portion of the picture. It has an automatic calendar through the year 2029.

- Imprinted data may be difficult to read if the area over which it is superimposed is bright or non-uniform.
- Do not use the data back when temperatures exceed the operating range of 0 ° to 40 ° C (32 ° to 104 ° F).
- The data may not be imprinted on the last frame.

Press the MODE button to choose the data imprinting format.

- The display will change as shown.
- Use the SELECT button to move between different parts of the displayed data. The selected part will blink indicating that it is the data to be changed.
- Press the ADJUST button to change the data to the correct value. Data continues changing as long as you hold down the button.
- In Time mode, pressing the ADJUST button while the colon is blinking resets the second counter to 00.

- When all data is correct, press the SELECT button until the data stops blinking.
- Reset the time and date after changing the battery.

CLEANING
- Keep the autofocus and metering windows clean or the focus and/or exposure may not be accurate.
- If the camera body is dirty, gently wipe it clean with a soft, clean, dry cloth.
- To clean the lens surface, first brush away any dust or sand then, if necessary, moisten a lens tissue with lens cleaning fluid and gently wipe the lens in a circular motion starting from the center.
- Never touch the lens surface with your fingers.
- Never use alcohol or solvents to clean the camera.

BEFORE IMPORTANT EVENTS
- Check camera operation carefully or take test photographs.
- Minolta is not responsible for any loss which may occur due to an equipment malfunction.

STORAGE
- When storing your camera for extended periods, please follow these guidelines:
  - Store in a cool, dry, well-ventilated area away from dust and chemicals (such as moth balls). For very long periods, place the camera in an airtight container with a silica gel drying agent.
  - Before using after prolonged storage, always check the camera's operation to make sure it is functioning properly.

QUESTIONS AND SERVICE
- If you have questions about your camera, contact your local camera dealer or write to the Minolta distributor in your area.
- Before shipping your camera for repair, please contact an authorized Minolta Service Facility for details.