

SLX 6x6 cm Single Lens Reflex Camera

Rollei

The Rolleiflex SLX — a truly unique medium format camera.

The SLX's sophisticated electronics represent a new type of exposure automation. Instead of pins and levers, the lenses for the SLX feature gold plated contacts which transmit shutter speed and aperture information from the integrated computer in the camera body to the lens diaphragm and shutter. Linear motors in the lens then electronically regulate the aperture and shutter speeds. The built-in motor drive transports the film after each exposure at a rate of 1.5 frames per second, with continuous or single frame advance.

With its 120/220 film capability, easy-load film cassettes, quick-charge Nicad battery (good for up to 1000 exposures per charge) high quality Carl Zeiss and Zeiss-designed lenses, and its wide range of accessories, the SLX has all the features even the most demanding professional could want.

Technical Data

Camera type:

6x6 cm (2 1/4 x 2 1/4 in.) SLR with electronic control by integrated computer, shutter-preferred automation and built-in motor drive.

Lenses:

Standard — 80mm f/2.8 Planar HFT® Rollei bayonet with locking system inside camera body; gold plated 10-terminal electric board for transmission of control pulses for aperture and shutter operation; infinitely variable apertures f/2.8 to f/22 in automatic mode, 1/3 click stops in manual; depth-of-field scale; infrared index; focusing scale in feet and meters; front bayonet for filters and lens hoods; HFT® multicoating for reduced flare and better color rendition. Accessory lenses from 40mm to 350mm available.

Meter system:

Center weighted open-aperture metering; 3 silicon photo diodes corrected for spectral sensitivity; electronic compensation for extraneous light entering from viewfinder; aperture determined from pre-selected shutter speed by integrated computer and set by linear motor in lens; two LED's in viewfinder indicate over or underexposure and measuring limits; aperture preview key for determination of reading or memory hold.

Shutter:

Between the lens shutter, 1/500 to 30 sec., and B; speed set by user and electronically controlled via control pulses from computer in camera body.



Viewfinder system:

Removable folding focusing hood with interchangeable viewing magnifier 3.3x, sportsfinder for 80mm lens, mounting for accessory sportsfinder for 150 and 250mm lenses. Approximate viewfinder magnification 1.25x.

Focusing screen:

Interchangeable; standard screen — split image surrounded by microprism collar and square grid.

Mirror:

Instant return mirror with pneumatic damper. Mirror can be prereleased with the remote control cable when exposure is made in the manual mode.

Power source:

Rapid charge 9.6v Nickel cadmium pack with safety catch, overload fuse 0.8A-250V; extra fuse supplied with battery; battery capacity approximately 1000 exposures per charge; rapid charger 100-240 volts AC, 50/60 Hz with automatic rapid charge limit and indicator lights for normal and rapid charge; charging time depends on the condition of the battery — 10-15 min. charge yields enough power for 100 exposures; maximum charge time is 3 hrs.

Battery check:

LED in viewfinder lights when battery needs charging (enough power for approximately 40 exposures). If there is insufficient power for proper functioning, the camera will switch off through an electronic voltage control circuit.

Flash synchronization:

Electronic flash synchronization possible at all speeds because of between-the-lens shutter.

Meter range:

EV 3-18

ASA range:

25-6400

Film transport:

Motorized film advance after each exposure by means of electro motor. When film cassette is inserted, film is automatically advanced to the first frame when shutter release is pressed. After last frame, film is automatically wound onto take-up spool. Frame sequencing is 3 frames every 2 seconds. Single frame or continuous operation possible.

Film loading:

Drop-in film cassettes. Cassettes can be preloaded for quick film reloading during long sessions. Same cassettes used for 120 and 220 film; no separate back or adapter needed for 220 film.

Interchangeable backs:

Back is removable to accept Polaroid or 6x4.5 cm backs.

Size:

Approximately 5.4x3.3x4.1 inches (138x85x104mm) without lens. Approximately 5.4x3.3x6.4 inches (138x85x162mm) with 80mm f/2.8 Planar.

Weight:

Approximately 44 oz. (1250g), without lens. Approximately 63 oz (1800g), with 80mm f/2.8 Planar lens.

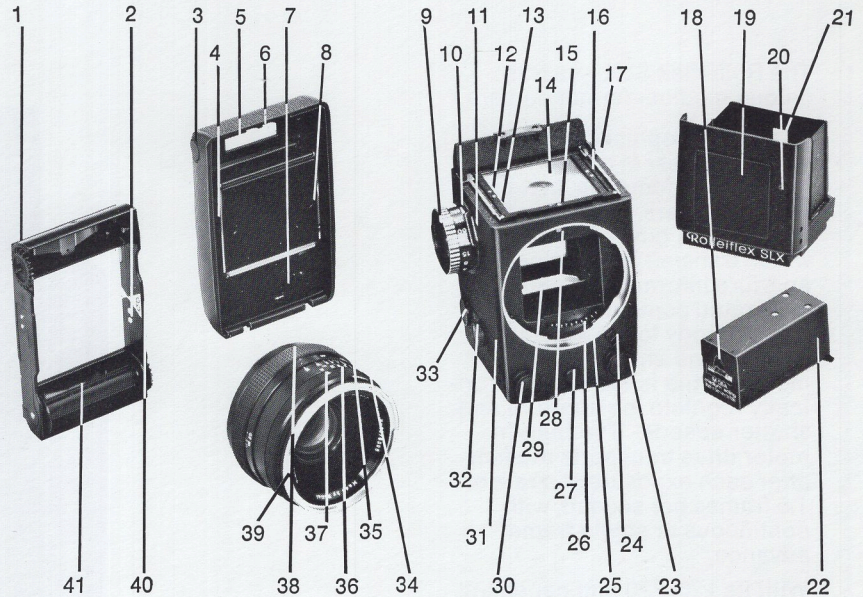
SLX with 80mm f/2.8 Planar HFT® lens, neck strap, battery, rapid charger, AC Cord, front lens cap, rear lens cap, body cap.

Cat. No. 201-112

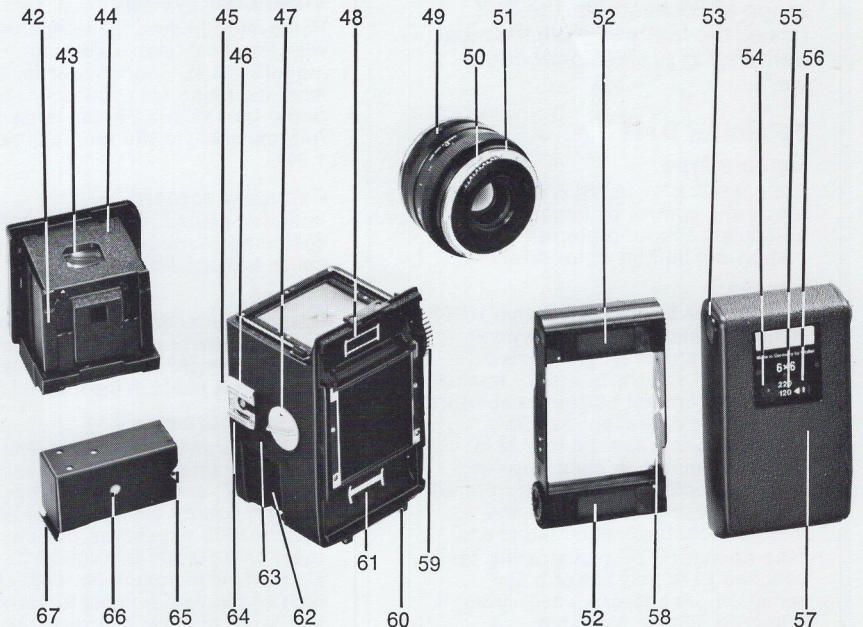
SLX body only, with battery, body cap and strap.

Cat. No. 201-110

1. Film transport wheel
2. Symbol for film positioning
3. Release button for camera back, right
4. Film Feeler
5. Window for indication of film type
6. Camera back latch
7. Hinge release button
8. Film pressure plate
9. ASA/DIN setting dial
10. Shutter speed index, also red marker for indication of automatic exposure range
11. Neck strap holder, right
12. Red LED for warning of under exposure
13. Red LED for warning of over exposure
14. Focusing screen
15. Red LED for checking battery voltage
16. Hinged frame for focusing screen
17. Release button for focusing hood, magnifying hood or prism finder
18. Fuse
19. Flap for frame finder 80mm
20. Mount for additional frame finders (150, 250 and 350mm)
21. Peep sight for frame finder
22. Nicad battery, externally rechargeable
23. Shutter release button, right
24. Lens lock release
25. Camera bayonet mount
26. Electrical contacts for transmission of control signals from camera
27. Cable release socket w/cover
28. Red locating point on camera bayonet
29. Hinged mirror
30. Shutter release button left
31. Meter key for aperture indication, depth of field preview and battery check
32. Main Switch for continuous exposure, single exposure, off=C-S-O
33. Remote control outlet
34. Setting ring for selecting automatic mode or manual aperture
35. Aperture scale
36. Window indicating automatic aperture by pointer or red zone on manual setting
37. Index for automatic aperture + manual aperture selection
38. Focusing ring with m and ft indications
39. Lens bayonet for filters and lens hood, etc.
40. Index for arrow mark on film leader
41. Take-up spool
42. Removable viewfinder hood
43. Interchangeable magnifier
44. Collapsible viewfinder hood cover
45. Hot shoe for flash and other accessories
46. X-synchronized center contact
47. Neck strap holder, left
48. Locating symbol for feed spool
49. Release button for aperture ring
50. Electrical contacts for transmission of control signals to lens
51. Lens bayonet mount
52. Slot for film box tear-off strip
53. Release button for camera back, left
54. Rotary knob for setting frame counter
55. Index for 120/220



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50. Electrical contacts for transmission of control signals to lens
51. Lens bayonet mount
52. Slot for film box tear-off strip
53. Release button for camera back, left
54. Rotary knob for setting frame counter
55. Index for 120/220
56. Frame counter
57. Exchangeable camera back
58. Spring clip for spindle of film spool
59. Shutter speed selector knob
60. Camera back hinge
61. Locating symbol for take-up spool
62. Compartment for power pack
63. Locking release for Rollei locking sync cord
64. X-synchronized cord contact for standard PC or Rollei tip w/cover
65. Slide for spare fuse
66. Spare fuse compartment w/fuse
67. Locking latch for battery cartridge



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ROLLEIFLEX 6006

6x6cm Single Lens Reflex Camera

Rollei®

The Rolleiflex 6006 — the most advanced 2¼" SLR available today.

The 6006 combines traditional German craftsmanship with the latest technical innovations such as . . . TTL (Through The Lens) metering for flash and ambient light, interchangeable film magazines with an integrated darkslide system and safety interlocks, the widest shutter speed range available in a leaf shutter camera (1/500 to 30 seconds plus bulb) and an integrated shutter priority exposure system that maintains full automation regardless of the viewfinder in use.

The 6006 offers the fastest built-in motor drive in a medium format camera. It transports the film after each exposure at a rate of 1.5 frames per second. A full range of Carl Zeiss lenses with HFT coating (second generation multi-coating) are available as part of the system. They do not rely upon pins and levers to operate, but feature gold plated contacts which instantly transmit shutter speed and aperture information from the integrated computer in the body to the lens diaphragm and shutter. Linear motors in the lens then precisely set the aperture and shutter speeds. In addition, the linear motors enable the lenses to operate at an incredible 10 exposures per second on a single frame with the ME-1 accessory control.

And, in manual operation, the Zeiss lenses can achieve detented accuracy in ⅓ stops... the only lenses to do so.

The 6006 is also the only medium format camera to offer interchangeable film magazines with a built-in darkslide designed to retract and store in the magazine itself. The user, therefore, need not worry about the slide being lost or damaged. The darkslide system also incorporates safety interlocks which prevent camera operation when the darkslide is in place and permits the magazine to be removed. In the same way, when the darkslide is retracted, the magazines cannot be removed.

The same inexpensive film inserts used on the SLX are identical in the 6006 and loading is just as easy.



A true system camera, the Rollei 6006 utilizes the full line of Carl Zeiss optics available for the Rollei SLX, as well as most of the accessories. This includes prism finders, multiple exposure controls, NiCd battery packs, lens shades and filters.

The Rollei 6006 offers even the most demanding professional those features necessary to expand their creativity.

Technical Data

Camera type:

6x6cm (2¼x2¼") SLR with integrated computer TTL exposure metering (shutter priority), off the film flash metering, interchangeable film magazines and built-in motor drive.

Lenses:

Standard — 80mm f2.8 Planar HFT® Rollei bayonet with locking system inside camera body; gold plated 10-terminal electric board for transmission of control pulses for aperture and shutter operation; infinitely variable apertures f2.8 to f22 in automatic mode, ⅓ click stops in manual; depth-of-field scale; infrared index; focusing scale in feet and meters; front bayonet for filters and lens hoods; HFT® multicoating for reduced flare and better color rendition. Accessory lenses from 40mm to 350mm available.

Meter system:

Center weighted open-aperture metering; 3 silicon photo diodes corrected for spectral sensitivity; electronic compensation for extraneous light entering from viewfinder; aperture determined from pre-selected shutter speed by integrated computer and set by linear motor in lens; two LED's in viewfinder indicated over or underexposure and measuring limits; aperture preview key for determination of reading or memory hold.

Shutter:

Between the lens shutter, 1/500 to 30 sec., and B; speed set by user and electronically controlled via control pulses from computer in camera body.

Viewfinder system:

Removable folding focusing hood with interchangeable viewing magnifier 3.3x, sportsfinder for 80mm lens, mounting for accessory sportsfinder for 150 and 250mm lenses. Approximate viewfinder magnification 1.25x.

Focusing screen:

Interchangeable; standard screen — split image surrounded by microprism collar and square grid.

Mirror:

Instant return mirror with pneumatic damper. Mirror can be prereleased.

Power source:

Rapid charge 9.6v Nickel cadmium pack with safety catch, overload fuse 0.8A-250V; extra fuse supplied with battery; battery capacity approxi-

mately 1000 exposures per charge; rapid charger 100-240 volts AC, 50/60 Hz with automatic rapid charge limit and indicator lights for normal and rapid charge; charging time depends on the condition of the battery — 10-15 min. charge yields enough power for 100 exposures; maximum charge time is one hour.

Battery check:

LED in viewfinder lights when battery needs charging (enough power for approximately 40 exposures). If there is insufficient power for proper functioning, the camera will switch off through an electronic voltage control circuit.

Flash synchronization:

Electronic flash synchronization possible at all speeds as well as off the film flash control with dedicated flash units and interface module. Exposure measurement by Silicon Sensor with flash ready and verification in viewfinder.

Meter range:

EV 3-18

ASA range:

25-6400

Film transport:

Motorized film advance after each exposure by means of electro-motor. When film cassette is inserted, film is automatically advanced to the first frame when shutter release is pressed. After last frame, film is automatically wound onto take-up spool. Frame sequencing is 3 frames every 2 seconds. Single frame or continuous operation possible.

Film loading:

Drop in film cassettes (same as SLX). Cassettes can be pre-loaded for quick film reloading during long sessions. Same insert can be used regardless of type magazine.

Interchangeable magazines:

Interchangeable film magazines for 6x6cm 120, 6x6cm 220, 4.5x6cm on 120 film, 4.5x6cm on 220 film, Polaroid back.

Size:

5x4.5x5.4 inches (127x112x138mm) without lens. 6.7x4.4x5.4 inches (171x112x138mm) with 80mm f2.8 Planar lens.

Weight:

Approximately 52 oz. (1450g) without lens. Approximately 72 oz. (2050g) with 80mm f2.8 Planar lens.

Cat. No. 201-115

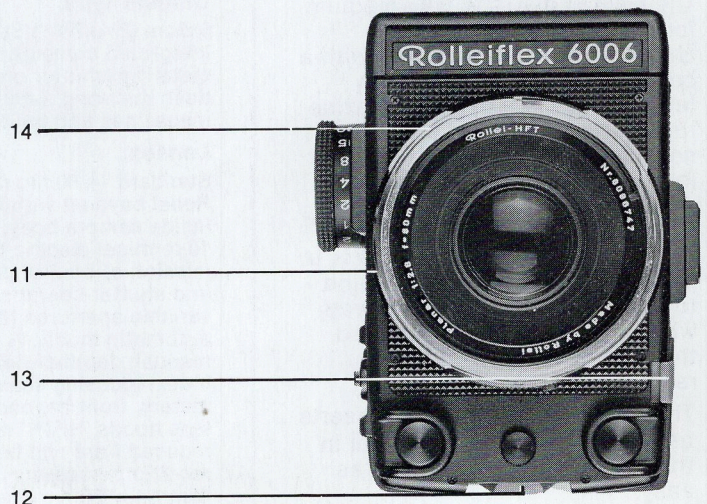
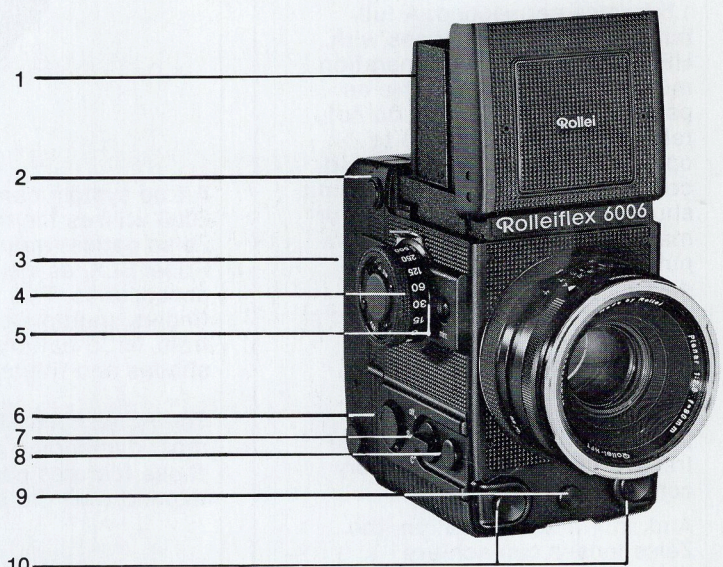
6006 with 80mm f2.8 Planar HFT lens, neck strap, battery rapid charger, AC Cord, front lens cap, rear lens cap, body cap.

Cat. No. 201-116

6006 body only, with battery, body cap and strap.

6006 Components and Controls

1. Removable waist-level finder with integral pop-up magnifier and sport viewfinder.
2. Left side magazine release button (both left and right side buttons must be depressed to release magazine.)
3. Interchangeable film magazine (standard 120 film 6x6cm.)
4. Shutter speed control knob (1/500-30 sec., bulb.)
5. Mirror lock-up button.
6. Electronic access port with cover for accessories use.
7. Main control switch (off, single or continuous exposure.)
8. Multi-function button = memo lock in shutter priority automation, depth-of-field preview in manual, battery test.
9. Manual cable release socket with cover.
10. Left and right shutter release buttons.
11. 6006 body with built-in shutter priority metering, off-the-film flash control (dedicated), 1½ fps (frames per second) motor drive and instant mirror return.
12. Tripod mounting block with ¼x20" and 3/8" sockets.
13. Lens release button.
14. Lens bayonet for filters and lens hood, etc.



15. ASA memo dial.
16. ASA/DIM setting dial.
17. Release button (left) for magazine back.
18. Neck strap holder (left).
19. Right side magazine release.
20. Neck strap holder (right).
21. X-Sync PC contact socket.
22. Memo tab inset (color tabs supplied with magazine.)
23. X-Synchronized hot shoe with dedicated flash contact.
24. Release button (right) for magazine back.
25. NiCd battery, externally rechargeable.
26. Internal darkslide control bar.
27. Frame counter.
28. Window for indication of film type.
29. Interchangeable focusing screen.
30. Window indicating automatic aperture by pointer or red zone on manual setting.
31. Index for automatic aperture and manual aperture selection.
32. Release button for aperture ring (not shown).
33. Focusing ring with M and FT indications.
34. Built-in retractable darkslide.
35. Film transport gear.

