

Minolta 16mm Subminiature Cameras

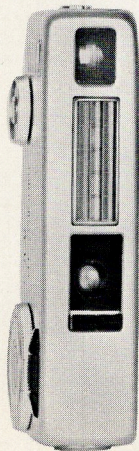
superb Rokkor lens quality . . . famed Minolta craftsmanship . . .

instant, drop-in loading plus a wide choice of features in three distinctive models

Each of the three Minolta 16mm subminiature models is a masterpiece of miniaturization. Amazingly small and lightweight, each can actually disappear in pocket or purse . . . or hide in the palm of your hand . . . always ready for spur-of-the-moment shooting. Yet all three Minolta subminiatures provide brilliant color transparencies and wallet-size prints in black and white or color—pictures that enlarge beautifully and stand up under the most critical examination.

a quick guide to the Minolta 16-MG

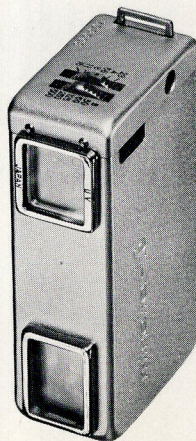
- ☐ built-in electric eye for easy, accurate match-needle exposure control with all films ASA 25 to 400
- ☐ programmed shutter with speeds from 1/30th to 1/250th sec. at f/2.8 to f/16
- ☐ separate shutter control for flash synch at 1/30th sec. at any pre-set aperture
- ☐ 4-element Rokkor 20mm f/2.8 lens . . . fixed focus from 3.5 feet to infinity
- ☐ built-in close-up lens for sharp pictures as close as 26 inches; indicator in viewfinder
- ☐ built-in lens cover
- ☐ bright direct viewfinder with close-up guide lines
- ☐ oversize knurled wheel simultaneously advances film and frame counter, cocks shutter, prevents double exposure
- ☐ auto-reset frame counter
- ☐ instant, drop-in loading with Minolta cartridges . . . no threading, no rewinding
- ☐ smart brush metal finish . . . convenient metal wrist chain
- ☐ 4 inches high . . . 5½ ounces
- ☐ also available in jewelry-styled gift pack



camera complete: #4501/4502
camera case only: #4502

a quick guide to the Minolta 16-II

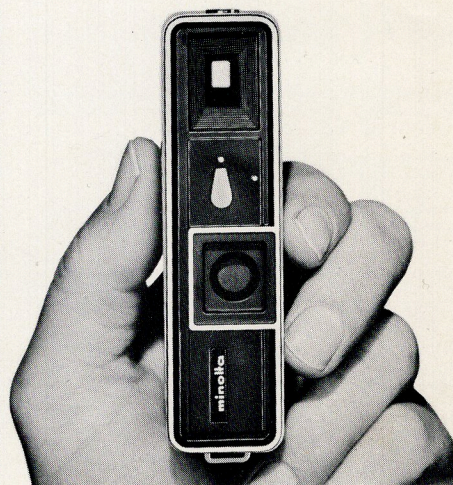
- ☐ exclusive push-pull operation automatically advances film and frame counter, cocks shutter, prevents double exposure
- ☐ 3-element Rokkor 22mm f/2.8 lens . . . fixed focus from 3 feet to infinity
- ☐ click-stop aperture settings from f/2.8 to f/16
- ☐ shutter speeds from 1/30th to 1/500th sec. (plus Bulb) for fast action shooting
- ☐ flash synchronization
- ☐ direct finder . . . extremely bright for easy viewing
- ☐ automatic film counter
- ☐ instant, drop-in loading with Minolta cartridges . . . no threading, no rewinding
- ☐ 3¼ inches high . . . 5½ ounces



camera complete: #4001/4002
camera case only: #4002

a quick guide to the Minolta 16-Ps

- ☐ exclusive "Weather Dial" automatically sets camera for correct exposure for all films ASA 10 to 160
- ☐ Rokkor 25mm f/3.5 lens . . . fixed focus from 3 feet to infinity
- ☐ separate shutter control for flash synch at 1/30th sec. and normal photography at 1/100th sec.
- ☐ auto-reset frame counter
- ☐ oversize knurled wheel simultaneously advances film and frame counter, cocks shutter, prevents double exposure
- ☐ instant, drop-in loading with Minolta cartridges . . . no threading, no rewinding
- ☐ 4 inches high . . . 5 ounces
- ☐ also available in smart gift pack, including camera and case, flash and case, flash/tripod adaptor, film



camera complete: #4101/4102
camera case only: #4102
gift pack complete: #4110

Precision Features of Minolta 16mm Subminiature Cameras

1 Cord Contact Flash Terminal Accepts standard PC connecting prong and cord for use of Minolta Baby BC flash. Camera also equipped for direct, cordless flash (see #11).

2 Viewfinder Eyepiece Recessed, with black frame for glare-free viewing. (not shown)

3 Exposure Match-Needle Window Red indicator in window responds to changes in light as camera is aimed. Silver indicator moves as exposure control ring is turned. When both red and silver indicators are aligned, the camera is automatically set at the optimum aperture/shutter speed combination for correct exposure. Red indicator will move into silver areas at each end of scale if light is too dim (left area) or too bright (right area) for correct exposure.

4 Programmed Shutter Automatically sets camera at optimum aperture/shutter speed combination for correct exposure. Operates over a range of EV 8 to 16 with ASA 100 film. EV 8 is equivalent to f/2.8 at 1/30th sec.; EV 16 is equivalent to f/16 at 1/250th sec. (not shown)

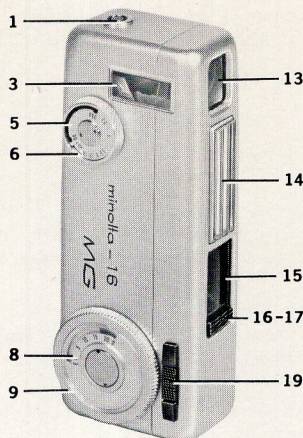
5 Exposure Control Ring Coupled to silver indicator in match-needle window. The black scale aligns with a black dot on the camera body (not visible) to indicate approximate shutter speed between 1/30th and 1/250th sec. The red scale aligns with a red dot on the body (not visible) to indicate aperture, with all f/stops marked from f/2.8 to f/16.

6 ASA Window Permits setting film ASA in click stops from 25 to 400.

7 Shutter Speed Selector When slide control is set at sun symbol, the programmed shutter is operative for available light photography. When control is set at flash symbol, the shutter is set at 1/30th sec. for flash synchronization. Any aperture may be set with slide control at flash symbol. (not shown)

8 Auto-Reset Frame Counter Bright red band "travels" around window to indicate the number of exposures remaining (from 20 to 0). Resets automatically at "start" when film chamber is opened.

Minolta 16-MG



9 Film Advance Oversize knurled wheel automatically advances film and frame counter, cocks shutter and prevents double exposure.

10 Film Chamber Lock Recessed slide lock releases film chamber door. (not shown)

11 Direct Flash Contact Accepts 16-MG Flashgun for cordless flash contact. (not shown)

12 Accessory Mount Threaded socket accepts 16-MG carrying chain, direct-contact flashgun and filters. (not shown)

13 Direct Viewfinder Has bright frame lines to show exact picture area, plus separate guides for parallax compensation in close-up photography.

14 Electric Eye Selenium cell is coupled to red indicator in exposure match-needle window; automatically measures light for correct exposure.

15 Rokkor 20mm f/2.8 Lens Precision-ground 4-element lens provides fixed focus from 3.5 feet to infinity; recessed for extra protection.

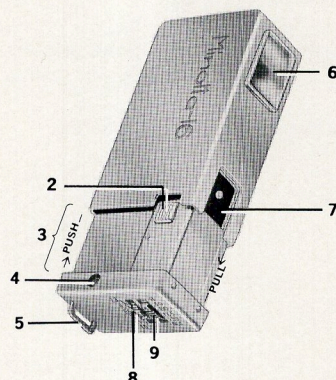
16 Built-In Close-Up Lens Slides over normal lens to permit pictures as close as 2 1/4 feet. Shutter release cannot be pushed until close-up lens is totally in or out of position. A red signal appears in viewfinder when close-up lens is in taking position. (not shown)

17 Built-In Lens Cover Slides over lens opening to keep dirt out when camera is not in use. Safety lock prevents shutter release when cover is partially or completely over lens. (not shown)

18 Drop-In Loading Film chamber accepts Minolta color or black and white film cartridges (Kodak film) for foolproof instant loading. No threading or rewinding. (not shown)

19 Shutter Release Recessed to prevent accidental exposure.

Minolta 16-II



1 Drop-In Loading Film chamber accepts Minolta color or black and white film cartridges (Kodak film) for foolproof instant loading. No threading or rewinding. (not shown)

2 Shutter Release Recessed and hidden under camera shell when camera is not in use.

3 Exclusive Push-Pull Operation Slide action automatically advances film, counts exposures, cocks shutter and prevents double exposure.

4 Flash Terminal Accepts standard PC connecting prong and cord for use of Minolta Baby BC III Flash. (with flash adaptor)

5 Strap Lug Connects with pliable strap (standard equipment) for easy carrying, extra protection while shooting.

6 Direct Viewfinder Shows bright, clear picture as it will appear on film.

7 Rokkor 22mm f/2.8 Lens Made in Minolta's own factories for razor-sharp picture quality. Has three elements and is in focus, without adjustment, from 3 feet to infinity. Recessed for extra protection.

8 Aperture Dial Knurled wheel permits setting lens opening, in click-stops, from f/2.8 to f/16.

9 Shutter Speed Dial Engraved, with click-stop settings, for speeds from 1/30th to an action stopping 1/500th sec. plus Bulb.

1 Exclusive "Weather Dial" Perfect exposures assured by setting proper ASA rating and turning dial to one of four "light condition" symbols.

2 ASA Selector For setting "Weather Dial" for use with films from ASA 10 to 160.

3 Auto-Reset Frame Counter Shows how many frames remain; resets automatically when film chamber is opened.

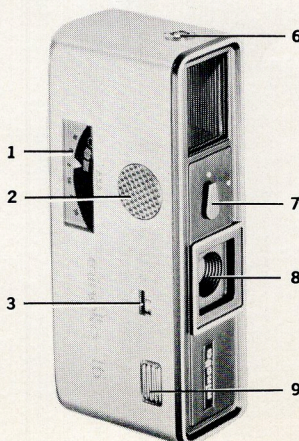
4 Drop-In Loading Film chamber accepts Minolta color or black and white film cartridges (Kodak film) for foolproof instant loading. No threading or rewinding. (not shown)

5 Film Advance Oversize knurled wheel simultaneously advances film and frame counter, cocks shutter and prevents double exposure. (not shown)

6 Flash Terminal Accepts Minolta Baby BC III Flashgun. (with flash adaptor)

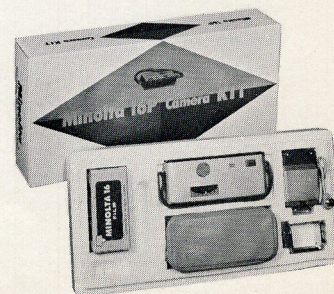
7 Shutter Speed Selector Setting selector at white dot automatically sets shutter at 1/100th sec. for all available light photography. Switch at red dot automatically sets shutter at 1/30th sec. for flash synchronization.

Minolta 16-Ps



8 Rokkor 25mm f/3.5 Lens Eliminates the need to focus. Always needle-sharp from 3 feet to infinity.

9 Shutter Release Recessed to prevent accidental exposure.



Minolta 16Ps Gift Pack A complete kit for 16mm subminiature photography. Includes camera and case, Baby BC Flashgun and case, flash/tripod adaptor and a roll of black and white film.

The Minolta 16mm Subminiature System

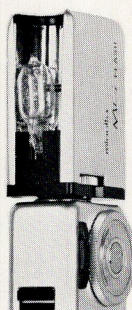
FILM AND ACCESSORIES

Minolta Film Cartridges 16mm film packaged in jam-proof cartridges for instant, drop-in loading with all Minolta 16mm subminiature cameras. Requires no threading or rewinding. Film is processed and returned as wallet-size 2¼ x 3¼" color or 3 x 4½" black and white prints. Color transparencies are returned mounted in standard 2 x 2" cardboard frames for projection in the Minolta Mini 16 Projector or any standard 35mm projector with a short focal length lens.

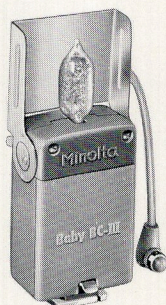


Kodak Panatomic-X (for b/w prints, 20 exposures): #5001
 Kodak Plus-X (for b/w prints, 20 exposures): #5002
 Kodak Tri-X (for b/w prints, 20 exposures): #5003
 Kodak Ektacolor-S (for color prints, 20 exposures): #5011
 Kodachrome II (for color slides, 20 exposures): #5021

Minolta 16-MG Flashgun (#4505) Specially designed to provide direct-contact, cordless flash with the Minolta 16-MG. For use with AG bulbs only. Features include shielded reflector, bulb ejector and built-in tripod socket. Powered by 15 volt battery (Mallory M 504 or equivalent).



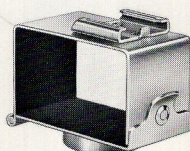
Minolta Baby BC III Flashgun (#6001) A compact AG-1 flash with unique folding reflector. Uses a battery capacitor circuit for reliability and long battery life. Built-in test circuit and flash exposure guide. Comes complete with vinyl case and capacitor (battery extra). For all models.



Flash and Tripod Adaptor Attaches to Minolta 16-II or 16-Ps to permit use of shoe-mounted flashgun. Has threaded socket for placing camera on standard tripod mount.

Flash/tripod adaptor for 16-II (shown): #4005

Flash/tripod adaptor for 16-Ps: #4205



Filters for Minolta 16-MG Set in specially designed shoe for attachment to camera accessory mount. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects.

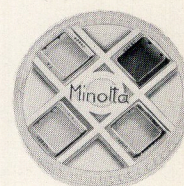
UV Haze: #4503

Yellow: #4504

Filter Sets for Minolta 16-II

Set #1 (#4003): Includes UV haze and yellow filters and close-up lenses #1 and #2.

Set #2 (#4004): Includes 80A, 81B and 1A filters for use with color film.



Filter Sets for Minolta 16-Ps

Set #3 (#4103): Includes UV haze and medium yellow filters for black and white film.

Set #4 (#4104): Includes close-up lenses #1 and #2.

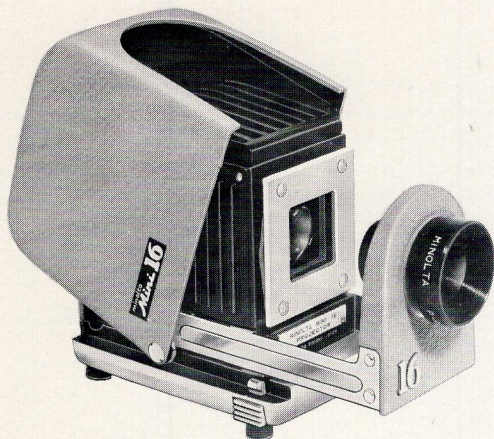
Set #5 (#4105): Includes 80A, 81B and 1A filters for black and white film.

a quick guide to filters for Minolta 16mm subminiature cameras

Filter Set	Camera	Includes	Color	Black & White	Stock #
#1	16-II	UV Yellow Close-up #1 Close-up #2	Yes No Yes Yes	Yes Yes Yes Yes	#4003
#2	16-II	80A 81B 1A	Yes Yes Yes	No No No	#4004
#3	16-Ps	UV Yellow	Yes No	Yes Yes	#4103
#4	16-Ps	Close-up #1 Close-up #2	Yes Yes	Yes Yes	#4104
#5	16-Ps	80A 80B 1A	Yes Yes Yes	No No No	#4105
	16-MG	Yellow	No	Yes	#4504
	16-MG	UV	Yes	Yes	#4503

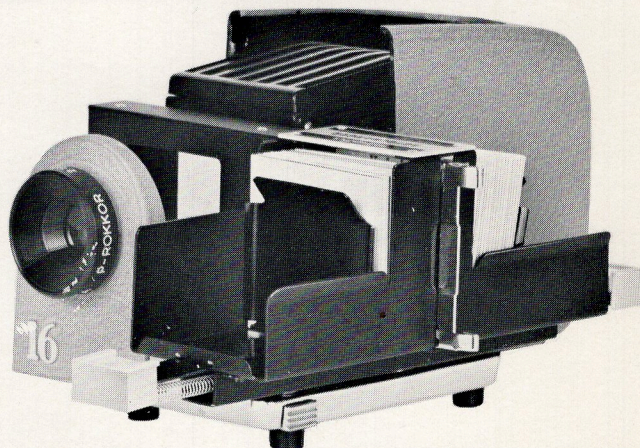
The Minolta 16mm Subminiature System

PROJECTION AND ENLARGING EQUIPMENT



Minolta Mini 16 Projector (Complete #9001/9002) Specially designed to project 16mm transparencies. Features a unique foldout construction, is so compact and lightweight you can carry it anywhere. Fills a 40 x 40" screen from less than 12 feet away . . . equal to the image of a 35mm slide in a standard projector at the same distance. Advanced optical system uses a Rokkor 40mm f/2.5 projection lens and a triple condenser system for extra bright, evenly lighted pictures. Supplied with vinyl carrying case, single slide changer and lamp. Uses a regular 100 watt projection lamp (Sylvania or G.E.). Replacement bulb: #CBC

Auto-Changer for Mini 16 Projector (#9506) Accepts up to 36 cardboard 2 x 2" mounts which are advanced by a push-pull lever. These are stacked automatically in the rear compartment of the changer after projection.

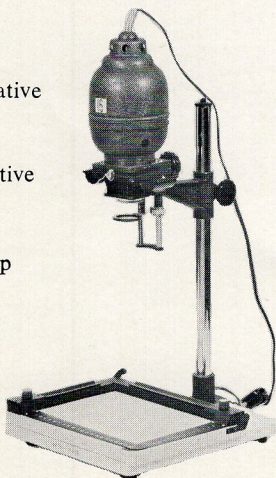


Minolta 3-in-1 Enlarger (Complete #10101/10102) Designed specifically for enlarging Minolta 16mm films. Permits up to 5 x 7" enlargements on the baseboard. Double 67mm condensers matched with a Rokkor 30mm f/4.5 coated enlarging lens assure sharp, clear enlargements. Included with the enlarger is a rapid-shift 16mm carrier, 5 x 7" easel and 100 watt enlarger lamp.

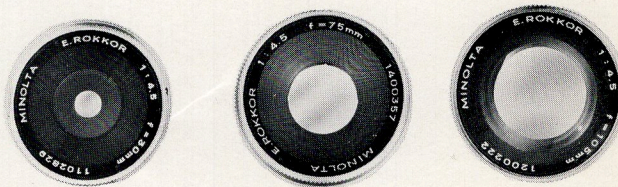
accessory 9.5mm negative carrier only: #10104

accessory 35mm negative carrier only: #10105

100 watt enlarger lamp only: #10106



Rokkor Enlarging Lenses Precision-ground enlarging lenses—made in Minolta's own factories to the world's highest standards of optical precision—for enlarging from negative sizes up to 2 1/4 x 3 1/4" with any enlarger accepting Leica-threaded lenses.



E. Rokkor 30mm f/4.5 Lens (#15101): for 9.5 and 16mm negatives; standard equipment on Minolta 3-in-1 Enlarger

E. Rokkor 50mm f/4.5 Lens (#15102): for 35mm negatives

E. Rokkor 75mm f/4.5 Lens (#15103): for 2 1/4 x 2 1/4" negatives

E. Rokkor 105mm f/4.5 Lens (#15104): for 2 1/4 x 3 1/4" negatives