

Canon

SLR SYSTEM ACCESSORIES



This section contains the entire line of accessories for all Canon SLR cameras. Items such as lenses will be found in Section II.

Every Canon accessory is made with the same care and precision as every Canon camera. This is especially true of the F-1 system accessories, because the philosophy behind the design of the F-1 system was that it be conceived as a complete unit, with no "add-on" afterthoughts and the resulting poor performance that can stem from poor planning.

The scope of Canon's line of SLR accessories covers just about every photographic application, from motorized, unmanned photography with the F-1 to photography through the microscope, using any Canon SLR. Whether your customer is just getting started in SLR photography, or is an established pro who must stake his reputation on his equipment, there is a Canon accessory that will help him get the job done easily, precisely and efficiently.

Subject to change without notice.

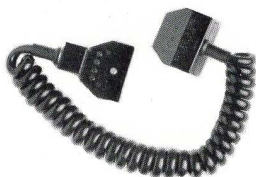
Motorized Accessories for F-1



**5-19281-21
Motor Drive MF Set (includes grip MF)**

5-85391-00 Grip MF

The Motor Drive MF is a handy, portable, highly mobile motor unit designed with special emphasis on compactness. It is capable of photography at a rate of either single frame or 3.5 fps. It is capable of remote control photography.



5-81101-00 Cord MF for Grip MF

This connecting cord serves to allow the user to remove the grip/power source from the Motor Drive MF when the Film Chamber 250 is used, when additional flexibility of movement is desired, or when the power source must be kept warm (inside a coat pocket, for instance) in cold climates.



5-81081-00 Connecting Cord MF for Servo EE Finder

This short connecting cord is used with the Servo EE Finder when it is operated in conjunction with the Motor Drive MF. It enables the Servo EE to utilize the same power source as the Motor Drive MF.



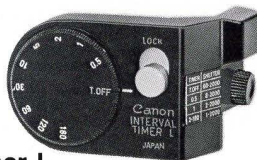
5-81071-00 Extension Cord E1000

The Extension Cord E1000 is 10 m long and contains a socket for the Remote Switch 60 MF and the Interval Timer L. It is excellent for concealed photography or for added mobility in a studio. (Not for use with MD.)



5-19172-00 Remote Switch 60MF

The 60cm-long Remote Switch 60MF is connected either into the Interval Timer L's socket on the MF, or onto the socket on the Extension Cord E1000. Pressing the switch releases the shutter, and locking it locks the shutter. An LED (Light Emitting Diode) blinks to verify proper operation of the Motor Drive MF during use.



5-64041-00 Interval Timer L

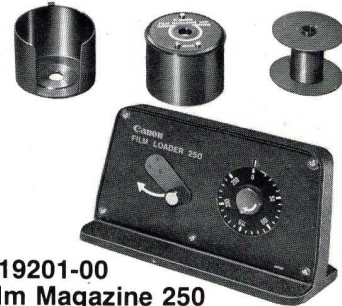
This unit permits interval shooting used with Motor Drive MF at intervals of from one frame every 1/2 second to one frame every 3 minutes. With a standard 36-exposure roll of film, interval photography is possible for 1 hour and 48 minutes, when the interval is 3 minutes.

Power for this unit is derived from the power source of the Motor Drive MF. The Interval Timer L can either be inserted directly into the Motor Drive MF, or into the Extension Cord E1000.



5-19151-21 Film Chamber 250 Set Consists of Film Chamber 250 and 2 Film Magazines 250.

For long-term interval photography, motorized sports photography, experimental work, copying large numbers of documents or extended surveillance, the Film Chamber 250 is a perfect accessory. It may be used with the MD or MF Motor Drive units for photography of up to 250 exposures without reloading. It requires no adaptation or unusual installation for a perfect fit with the F-1. May be used manually by winding film advance lever and taking up slack with knob.

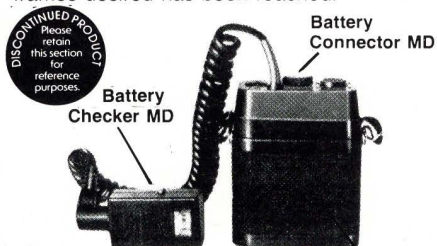


5-19201-00 Film Magazine 250

5-19181-00 Film Loader 250

These accessories for the Film Chamber 250 come with the unit, but are also available as extras and/or replacements. It is recommended that the sports photographer, for instance, equip himself with more than one Film Magazine, for fast reloading on location.

The Film Loader 250 automatically stops loading a long roll of film into the Film Magazine 250 after the pre-set number of frames desired has been reached.



5-19191-01 Battery Case (with 2 pcs. of Battery Magazine 15V) for MD

This battery case contains the external power source for the Motor Drive MD unit. This is the same battery case used for the Servo EE Finder. Two 15-volt Battery Magazines are provided so that the user may reload instantly in the field.

5-19211-00 Battery Connector MD

This accessory is mounted on top of the Battery Case, and connects it with the Motor Drive MD. It is included in the Motor Drive MD Set, and is here available as a replacement/spare.

5-19261-00 Battery Checker MD

This Motor Drive MD accessory is for checking the power level of the batteries. It is standard equipment with the Motor Drive MD Set, and available as a spare/replacement.



5-19251-01 Battery Case D (cordless direct contact) w/15V magazine for MD

Should the photographer wish to use the Motor Drive MD without a power cord, the Battery Case D clips directly to the bottom of the unit, resulting in an integral motor/power source.

Motorized Accessories for F-1

X62-7906

Battery Magazine 15V

This 15-volt Battery Magazine is available as an extra or spare for the Motor Drive MD, or as an alternative magazine for use when the Servo EE Finder is used with the Motor Drive MD.



5-19171-00

Remote Switch MD

Remote Switch MD is included in the Motor Drive MD Set, and also available as a replacement/spare. It is 5m long, and offers the same basic switching functions (running, but not timing) as the Motor Drive MD. It has a locking device, and a lamp which verifies Motor Drive operation. It may also be used in combination with Extension Cord MD 10.

5-81041-00

Extension Cord MD 10

This cord serves to extend user-to-camera distance when used with the Motor Drive MD and Remote Switch MD. In cold weather, its effectiveness diminishes.



5-22041-01

Remote Switch 3



5-22051-00

Remote Switch 60

The Remote Switch 3 (8m/25 ft. long) and Remote Switch 60 (60cm/2 ft. long) may be used for remote release of the A-1 camera when used in conjunction with the Motor Drive MA. By adding one or more Extension Cord E1000 cables, the camera can be operated from even greater distances.

C58-5351-211

Wireless Controller LC-1 Set (Consists of LC-1 Transmitter and LC-1 Receiver)

C58-5351-001

LC-1 Transmitter

C58-5352

LC-1 Receiver

The Wireless Controller LC-1 is for all Canon equipment with electromagnetic release mechanisms, such as the Motor Drive MF, Motor Drive MA and the following Super 8 cameras: 1014XL-S, 814XL-S, 1014-E, 814-E, 814XL-E, AF514XL-S, 514XL-S, 312XL-S and 512XL.

It provides remote release via infrared light, eliminating interference problems encountered when using radio frequency remote control units. Three operating channels are provided for either S (single) or C (continuous) running modes. More than one LC-1 Receiver may be operated by a single LC-1 Transmitter.

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Please retain this section for reference purposes.

LC-1 Transmitter



LC-1 Receiver

LC-1 Transmitter

Type: Infrared electronic flash transmitter

Power Source: 2 AA alkaline batteries

Radiation Angle: 30°x40° at 35m (116 ft.)

60m (198 ft.) directly on-axis (0°)

Recycle Time: Less than 1 sec. for 50th flash after one flash every 5 sec.; 500th recycle is less than 2 sec.

Number of Channels: Three (CH1, CH2, CH3)

Light Wavelength: Approx. 700nm or more

Pilot Lamp: Provided

Switch Function: ON, OFF, push type

"ON" Life: More than 14 hours when left "ON"

LC-1 Receiver

Type: Infrared receiver

Power Source: 9V battery

Light-receiving Angle: 100° or less at 15m

(50 ft.) 40° or less at 35m (116 ft.) 0° on-axis at 60m (198 ft.)

Recycle Time: 0.5 sec. or less

Repetitions: 1000 or more (continuous shooting once every second)

Wavelength Sensitivity: Approx. 900 nm (max. value)

Number of Channels: Three (CH1, CH2, CH3)

Function Indicator Lamp: Lights at start of function, flashes during function

Switch: S (Single); C (Continuous). Slide type

Attachment: Onto camera accessory shoe

"ON" Life: More than 14 hours when left "ON"



C51-9361-211

Power Winder F

The Power Winder F is a self-contained motorized film advance that easily attaches to the bottom of the F-1 camera body. The Power Winder F provides continuous shooting at approximately 2 fps. or single frame advance.

C58-5471-001

External Battery Pack A

The External Battery Pack A is designed to provide power to the Power Winder F when operating outdoors under extremely cold conditions. This external power supply can be kept warm, under the photographer's clothing or in a heated compartment case, with its power cable running into the socket provided on the Power Winder F.



1-207T1-21

High Speed Motor Drive Camera

The High Speed Motor Drive Camera is a specially-integrated F-1 body and motor designed for motorized photography at rates of from 4-9fps at speeds from 1/60-1/1,000 sec. It incorporates a fixed, semi-transparent mirror so that viewing and focusing are continuous during exposure. Power is supplied by 20 penlight (AA) batteries for shooting up to 30, 36-exposure rolls of film at normal temperature.

TECHNICAL DATA

Type: 35mm single lens reflex camera with focal plane shutter.

Picture size: 24mm x 36mm.

Interchangeable lenses: Canon FD and FL lenses.

Viewfinder: Removable pentaprism viewfinder.

Focusing screen: Using Fresnel lens, focusing glass with split-image rangefinder. Without beam splitting mirror in the condenser lens.

Finder attachments: Angle Finder B, Magnifier R, Dioptic Adjustment Lenses, Eyecup.

Field of view: 97% of actual picture area or more.

Diopter: -1.2, with standard ring.

Mirror: Fixed pellicle mirror.

Shutter: Focal plane shutter with super-thin titanium curtains.

Shutter speed: 1/60, 1/125, 1/250, 1/500, 1/1000 sec.

Shutter release: By means of the shutter release button on the camera body. Cable release can be attached.

Diaphragm adjustment: Manually set by locking stopped-down lever.

Film driving: Power driven by means of a direct current motor with voltage stabilizing circuit.

Power source: 20 penlight (Size AA) batteries in battery case, connected with cord.

Shooting capability: More than 30 rolls of 36-exposure film at normal temperature.

Frames per second and shutter speed:

4 fps;	1/60-1/1000 sec.
4-7 fps;	1/125-1/1000 sec.
7-9 fps;	1/1000 sec.

Film loading: With multi-slit film spool. By opening back cover.

Frame counter: Set in Motor Drive, automatically stops at O. Manually reset count down type.

Dimension:

146.7mm x 136.8mm x 43mm.
(5 3/4" x 5 3/8" x 1 15/16").

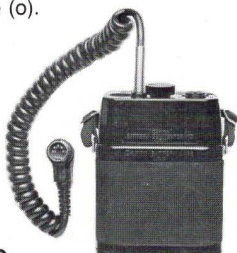
Weight: 1,100 grs. (2 lb. 3 oz.) body only.

Viewfinders & Viewfinder Accessories for F-1



5-60101-21 Servo EE Finder Set Includes power cord 12V2E.

Used in conjunction with the F-1 and FD lenses, this Finder permits fully automatic, shutter-preferred exposure selection by means of a built-in servo motor. In operation, the user selects shutter speed, and the Servo EE Finder picks the proper aperture when the lens' aperture ring has been set at the "A" mark. When used with the Motor Drive units, completely automatic, unmanned photography is possible with the F-1 equipped with the Servo EE Finder. Note: On some FD lenses, "A" mark is represented by a green circle (o).



5-19191-02 Battery Case With 1 battery magazine 12V.

When used without a Motor Drive unit, this case/battery magazine combination is used to supply power for the Servo EE Finder. Note that when used in conjunction with the Motor Drive MD, the Battery Magazine 15V (x62-7906) should be used with the Battery Case. When used with the Motor Drive MF, the Servo EE Finder shares its power supply. This is the same Battery Case used for the Motor Drive MD.

38-0250 Battery Magazine 12V Used as replacement or spare for Battery Case.



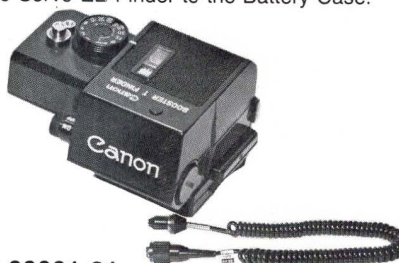
5-81081-00 Connecting Cord MF for Servo EE Finder

This short connecting cord is used with the Servo EE Finder when it is operated in conjunction with the Motor Drive MF. It enables the Servo EE to utilize the same power source as the Motor Drive MF.



48-0097 Power Cord 12V2E for Servo EE Finder

Included as original equipment with the Servo EE Finder, it is available here as a spare or replacement. It is used to connect the Servo EE Finder to the Battery Case.



5-60091-21 Booster T Finder Set Includes 6-volt silver oxide battery

The Booster T Finder permits metering with the F-1 down to the level of EV -3.5 or 15 sec. at f/1.2 with ASA 100 film. It contains a built-in electronic timer to measure long exposures, and a light that blinks at 1 second intervals during exposures of from 3 to 60 seconds. An eyepiece shutter is provided so that light entering through the eyepiece will not cause inaccurate exposure metering. For full-range metering (the Booster meters from EV10 to EV -3.5; the F-1 meters from EV3 to EV15) the metering system of the F-1 can be used in bright light, as it is used normally. Two auxiliary lamps are included in the design of the Booster T Finder. One illuminates metering information

for the Booster T when it is in use, the other illuminates the standard metering function when the F-1's built-in meter is used.

48-0098 Power Cord 6-volt 2B

When used in cold climates, the Booster T Finder may be powered by a 12-volt battery source. This power cord is provided so that the Battery Case and Battery Magazine 12V may be used with the Booster T Finder. This case may be kept warm inside a coat pocket while the camera and Finder are functioning normally.



5-40801-00 Speed Finder in case

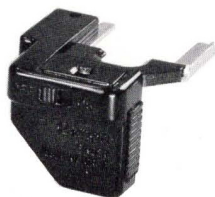
The Speed Finder is an F-1 accessory that permits full-frame viewing and focusing with the eye held up to 3" from the eyepiece. It is ideal for any photography where face protection is worn and the eye cannot be placed near the finder. It allows FULL metering functions to be maintained, and rotates for overhead eye- or chest-level viewing. It is excellent for copying or close up photography.



5-40902-00 Waist-Level Finder

The Waist-Level Finder permits right-side-up, reversed (left-to-right) viewing and focusing. It folds compactly, and contains a pop-up magnifier for 5X viewing where critical focusing is necessary. Like the Speed Finder, it is ideal for copying or close up work. Metering functions are not maintained.

Viewfinders & Viewfinder Accessories for F-1



C51-9421-011 Finder Illuminator F

The Finder Illuminator for the Canon F-1 is designed to make the exposure meter needle easier to see when shooting under low light conditions. When activated, it illuminates the meter area without interfering with normal light measurement.



5-59211-00 Eye Cup 3R

This eye cup is designed especially for use on the Canon F-1 camera. It helps to shield the rear eyepiece of the camera from distracting light, and keeps stray light rays from entering and effecting a possible change in the exposure measurement.

13-9982-001 Rubber Eyepiece Ring

This Rubber Eyepiece Ring is supplied with F-1 cameras and is designed to fit around the eyepiece opening at the rear of the body. This ring provides protection for the eyepiece frame and affords the user a more comfortable contact between the camera and the eye area. The ring is especially designed to permit the back cover of the F-1 to be opened and closed without having to first remove the ring from the eyepiece frame.



5-40712-00 Angle Finder A-2

The Angle Finder A-2 is intended for low-level or copying work. It rotates for vertical or horizontal use. It presents images which are reversed, left-to-right, and allows full use of the F-1's metering functions. Has built-in dioptic adjustment.



5-40711-00 Angle Finder B

This Angle Finder presents an image which is correctly oriented up and down and left-to-right. Like the Angle Finder A-2, it contains a built-in dioptic adjustment, rotates for horizontal or vertical use, fits all F-1 viewfinders (except Waist-Level and Speed Finders) and preserves F-1 metering functions.



5-40701-21 Magnifier R 5-41051-00 Magnifier Adapter R

This magnifier enlarges the center of the F-1's field of view 2.5X for critical focusing in photomacrography or photomicrography or any precise application. It is provided with Magnifier Adapter R for use with the F-1. The same Magnifier, used with Adapter S, is for use with the A-1, AE-1, AT-1, AV-1, EF, FTb, Tx and TLb models. If the photographer already owns the Magnifier R and wishes to use it with one of the Canon SLR's with a rectangular eyepiece, he need buy ONLY the Magnifier Adapter S (see SG3-C3). Likewise, the Magnifier Adapter R is available separately to adapt the Magnifiers to the F-1 camera. It has a built-in dioptic adjustment of from -4 to +4 diopters. A clip-on adapter is provided for using the Magnifier R with the Booster Tand/or Servo EE Finders.



C51-9431 Focusing Screen L-A (Microprism)

This focusing screen contains a full area matte/fresnel field which can be used for focusing with any lens in addition to a central microprism suitable for a wide range of focal lengths and apertures.



C51-9432 Focusing Screen L-B (Split Image)

This screen is a standard screen (general purpose) for photographers who prefer a split-image type of focusing system. It offers speed and accuracy with lenses of wide to moderately wide maximum apertures. Focusing is accomplished anywhere over the surface of the matte/fresnel field.



C51-9433 Focusing Screen L-C (Matte Surface)

The Focusing Screen L-C offers full-matte viewing and focusing. It is suitable for general-use photography, as well as for critical focusing—the central area is a particularly fine matte field. Recommended for use with long telephoto lenses.



C51-9438 Focusing Screen L-D (Matte Surface with Grid)

This Screen is identical to Focusing Screen L-C except that a grid of vertical and horizontal lines has been added for accurate subject placement/alignment in the viewfinder.



C51-9434 Focusing Screen L-E (Split Image/Microprism)

This screen is the standard screen supplied with the F-1 camera. A general-purpose screen, the Focusing Screen L-E combines two of the most favored types of focusing aids in a matte/fresnel field.



C51-9435 Focusing Screen L-F (Microprism/Large Aperture Lenses)

The angles of the microprism in this screen have been calibrated specifically for use with lenses of f/2.8 or larger maximum aperture. With these lenses, this can be considered a "general-purpose" screen. Focusing with any lens is possible using the matte/fresnel field. It offers extremely bright, accurate focusing with fast and moderately fast lenses.



C51-9436 Focusing Screen L-G (Microprism/Small Aperture Lenses)

Focusing Screen L-G is ideal for lenses with apertures ranging from f/3.5 through f/5.6, offering fast focusing, high accuracy and a minimum of eyestrain. Focusing may be performed on any portion of the screen.



C51-9439 Focusing Screen L-H (Matte/Scale)

Focusing Screen L-H offers full matte/fresnel viewing and focusing with a central 6mm fine-matte focusing section. It has horizontal and vertical scales (in mm) which cross at the center of the screen. It is ideal for scientific or close-up work and can be used for general photography (such as photography with telephotos) when necessary.



C51-9437 Focusing Screen L-I (Double Cross-Hair Reticle)

This screen is recommended for photography at extremely high magnifications. Precise focusing is done by moving the eye side to side until the reticle remains stationary on the subject. Gross focus is first obtained with the matte/fresnel field.

Viewfinders & Viewfinder Accessories for F-1



5-05061-00

Dioptic Adjustment Lens R (+3)

5-05062-00

Dioptic Adjustment Lens R (+2)

5-05068-00

Dioptic Adjustment Lens R (+1.5)

5-05063-00

Dioptic Adjustment Lens R (+1)

5-05069-00

Dioptic Adjustment Lens R (+0.5)

5-05064-00

Dioptic Adjustment Lens R (0)

5-05071-00

Dioptic Adjustment Lens R (−0.5)

5-05065-00

Dioptic Adjustment Lens R (−2)

5-05066-00

Dioptic Adjustment Lens R (−3)

5-05067-00

Dioptic Adjustment Lens R (−4)

These lenses are furnished for the eyepiece attachment rings of the F-1 and its finders, except for the Speed Finder and Waist-Level Finder. Angle Finders include built-in dioptic adjustments, as does the Magnifier. They permit eyeglass wearers to install their prescription directly onto the camera, in order to facilitate viewing and focusing and to eliminate the necessity of shooting with eyeglasses in place.

Note: Plus (+) diopters are for farsightedness, minus (−) diopters are for nearsightedness.



C51-9341-211

Data Back F

The Data Back F is designed for use with the F-1 camera and is installed in place of the F-1's normal back. Three dials allow numbers and letters to be recorded on film so pictures can be dated or coded at will. The Data Back F can remain in position on the camera and turned off when no data is required.

Accessories for Photomacrography & Close-up



5-43231-01
58 Close-Up 450

5-43241-01
58 Close-Up 240

5-43251-01
48 Close-Up 450

5-43331-01
48 Close-Up 240

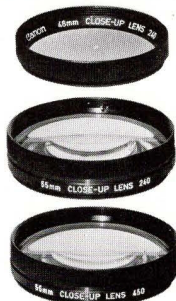
5-43571-00
55 Close-Up 450

5-43561-00
55 Close-Up 240

C54-3741
52 Close-Up 450

C54-3731
52 Close-Up 240

These high-quality Close-Up Lenses are for all Canon lenses with filter sizes of 48mm, 52mm, 55mm or 58mm (numerical prefix designates filter size). They are excellent for any photographer needing portable accessories for close-ups. They require no exposure compensation, as they cause no light falloff at the film plane. The 52 and 55 Close-Up Lenses are two-element lenses of achromatic design and offer particularly good image quality, especially when compared to conventional close-up lenses. The suffix indicates the closest focusing distance when used with a standard lens. Magnification of the image depends on the focal length used.



4-25316-01
Extension Tube M Set

The Extension Tube M Set includes four tubes as follows: one 5mm tube, one 10mm tube and two 20mm tubes. They form a very compact outfit for close-up photography and can be used with any Canon lens: FD, FL or R, since they incorporate the Canon breech-lock mounting system.

4-25316-00
Extension Tube M5

4-25317-00
Extension Tube M10

4-25322-00
Extension Tube M20
These tubes comprise the basic tubes in Extension Tube M Set. Their use is as described above.



4-25323-01
Extension Tube FD50U Universal in case

4-25324-01
Extension Tube FD25U Universal in case



4-25325-01
Extension Tube FD15U Universal in case

These Extension Tubes provide 50mm, 25mm and 15mm extension, respectively, for any Canon FD mount lens while providing full FD lens function: AE operation with AE cameras and automatic diaphragm operation with all Canon SLR's.



4-25315-00
Extension Tube FL15

4-25321-00
Extension Tube FL25

Stopped-down metering and full diaphragm automation are preserved using these two separately-available extension tubes. They are quite handy for the photographer who likes to be prepared for close-up photography with any lens, and who prefers the convenience of aperture automation and stopped-down metering. The numerical suffix indicates length in mm.

Accessories for Photomacrography & Close-up



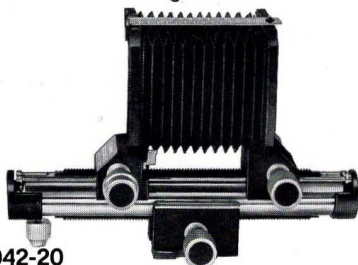
C55-9044-211 Canon Auto Bellows

This new bellows unit is Canon's best. Its special feature (used with the included Double Cable Release) is automatic aperture operation with Canon FD and FL series lenses. In addition, it features easy vertical or horizontal use (even with motor drives or winders mounted), easy lens reversal and a host of new and exciting accessories to greatly expand its usefulness. Includes Double Cable Release and Attachment Rings.



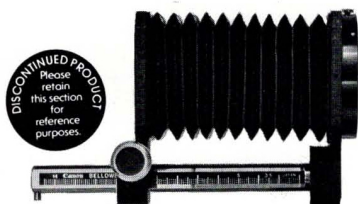
C42-6511 Canon Double Cable Release

Used with the Auto Bellows, this double-acting cable release permits diaphragm automation with FD and FL series lenses in one smooth operation. Included with the Auto Bellows and available separately for use with extension tubes or with reversed lenses using the Macro Auto Ring.



5-59042-20 Bellows FL

Bellows FL is a sophisticated, rugged, versatile bellows unit that permits infinite variations of image magnification within the limits of its minimum and maximum extensions. With a standard focal length lens, it offers magnifications ranging from 1x (1:1, life sized) to 3x (3:1, three times life sized). With FD and FL series lenses, semi-automatic aperture operation is preserved (lens stops down, must be reset at open aperture position). It accepts the Slide Duplicator. Both front and rear extension of this unit are possible.



5-59043-00 Bellows M

This is a simple bellows with front-standard movement and manual aperture functions

with all Canon lenses (FD, FL, R). It is a lightweight, handy accessory that fits easily into a gadget bag. Recommended for its portability.

4-25117-00 Macro Hood

This lens accessory must be used with all FD lenses (reversed) when used with the Macrophoto Coupler in order to a) permit the use of the aperture manually and b) to shield the rear element from stray light rays and protect it from damage.



4-25301-01 Extension Tube ABC Set

This set of Extension Tubes is comprised of three screw-in type tubes which are to be used in conjunction with the Lens Mount Converters A and B. Tube A is 6mm, B is 9mm and C is 12mm in length.

4-25301-00 Extension Tube A (6mm)

4-25302-00 Extension Tube B (9mm)

4-25303-00 Extension Tube C (12mm)

These tubes are the individually available tubes included in Extension Tube Set ABC.



4-25304-00 Extension Tube 25

4-25305-00 Extension Tube 50

4-25311-00 Extension Tube 75

4-25312-00 Extension Tube 100

4-25313-00 Extension Tube 150

4-25314-00 Extension Tube 200

This group of separately-available screw-in type extension tubes is to be used in conjunction with Lens Mount Converters A and B. They are useful for extreme magnifications in photomacrography, and where fixed close-up and macro reproduction ratios must be maintained for long periods of time, such as in copying small objects. They screw together with 39mm screw mounts. Diaphragm operation is manual, as is metering. Numerical suffix designates length in millimeters.

4-25403-00 55 Macrophoto Coupler

4-25404-00

58 Macrophoto Coupler

4-25405-00

48 Macrophoto Coupler

The Macrophoto Couplers are important accessories which position lenses in reverse for optimum close-up definition and image quality. This series of Macrophoto Couplers (numerical prefix designates the filter sizes of the lenses for which they are intended) is used with the screw-mount extension tubes, or on a Bellows unit with Lens Mount Converter A. Focusing is performed either with bellows or the lens' focusing ring.



4-25701-00 FL48 Macrophoto Coupler

4-25711-00 FL58 Macrophoto Coupler

4-25721-00 FL 55 Macrophoto Coupler

C42-5731 FL52 Macrophoto Coupler

These Macrophoto Couplers perform the same function as the screw-mount Macrophoto Couplers, with significant changes in operation. They require no Lens Mount Adapters, since they are in Canon breech-lock configuration. Numerical prefixes indicate the filter sizes of the lenses with which they are to be used. With the FL Macrophoto Couplers, focusing can be accomplished up to 13mm, so that they can be used with rigid Extension Tubes with a good degree of flexibility of focusing, although they are best utilized in conjunction with a bellows.



5-42011-00 Lens Mount Converter A

This accessory contains a female 39mm screw thread and female breech-lock ring. It is for mounting Canon screw mount accessories onto Canon breech-lock mounts (Bellows, SLR's).



5-42021-00 Lens Mount Converter B

Lens Mount Converter B has a 39mm male screw thread and male breech-lock mount. It is for mounting FD, FL and R accessories and lenses onto Canon screw-mount accessories.

Accessories for Photomacrography & Close-up

5-42031-00

Lens Mount Converter E

This Lens Mount Converter E will allow Topcon/Exakta bayonet mount lenses and accessories to be used on Canon SLR cameras. NO DIAPHRAGM COUPLING IS POSSIBLE.

5-42071-00

Lens Mount Converter P

Lens Mount Converter P enables the user to mount Pentax/Practica thread lenses and accessories onto Canon SLR cameras. NO DIAPHRAGM COUPLING IS POSSIBLE.



C26-1151-211

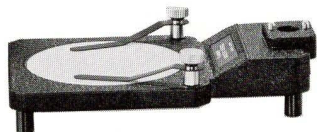
Canon Macrophoto Lens 20mm f 3.5 in plastic case for Auto Bellows

C26-1161-211

Canon Macrophoto Lens 35mm f 2.8 in plastic case for Auto Bellows

Even special macro lenses are not recommended for critical work at larger than 1:1 reproduction ratios. Because of this, these lenses have been designed, for use with the Canon Auto Bellows (they have no focusing mounts). Using the Auto Bellows, magnifications from 4x-10x are possible with the 20mm lens and from 2x-5x with the 35mm lens.

The small lens barrels with tapered fronts of these optics facilitate critical lighting of small subjects in tight quarters. Both lenses stop down to f 22 and are especially free from aberrations. For single-frame duplication of 8mm or 16mm frames (with the Duplicator 8 or 16) the front rings of these lenses are removable.



C42-6541

Canon Macro Stage for Auto Bellows

This is a small stage for convenient positioning of small objects intended for photomacrography with the Canon Auto Bellows. It attaches directly to the end of the Bellows and has feet for convenient vertical use, forming a stable platform ideal for precise work.



C42-6501

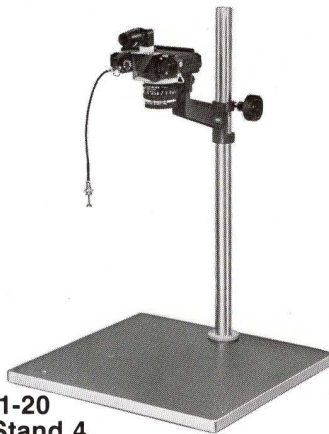
Canon Macro Auto Ring

This accessory offers automatic diaphragm operation when used in conjunction with the Canon Double Cable Release and a Canon FD or FL lens mount, in normal or reversed position. It works with either bellows or extension tubes. (It will not operate with the following lenses: FL 19mm f 3.5; FL 35mm f 2.5; FL 50mm f 1.8 Type 1; FL 58mm f 1.2.)



Canon Macrophoto Lens Adapter

This Adapter is for connecting either Canon Macrophoto Lenses or Microscope objectives to extension tubes or bellows having Canon breech-lock mounts.



4-20601-20 Copy Stand 4

This is a high-quality copy stand made to the same exacting criteria as Canon SLR cameras. It is useful for a variety of applications, from photomicrography to photomacrography, copying to close-ups. Its solid construction insures vibration-free work at critical magnification ratios and long exposures.



C42-6521

Canon Focusing Rail for Copy Stand 4

Permits very convenient adjustment of film plane during copying. It is adjustable for either vertical or horizontal travel while mounted on the Copy Stand.



4-25901-03

Handy Stand F52 Set

The Handy Stand F52 is a lightweight, portable unit primarily intended for use in copying materials at fixed reproduction ratios.



C55-9182-011

Canon Duplicator 35-55R for Auto Bellows

C55-9182-012

Canon Duplicator 35-52R for Auto Bellows

This handy slide duplicator is especially designed for the Canon Auto Bellows and features streamlined, efficient operation in duplicating 35mm and 110-format slides. It is specifically intended for use with Canon Lens FD 50mm f3.5 Macro. For duplicating long rolls of film, the Canon Roll Film Stage is used (included with the Canon Duplicator 35).



C42-6571

Canon Roll Film Stage for Duplicator 35

This stage (included with Duplicator 35) is for holding long rolls of 35mm strips for duplication.



5-49181-00

Slide Duplicator 48

5-59181-01

Slide Duplicator 55

5-59181-02

Slide Duplicator 52

The numerical suffixes of these accessories indicate the filter sizes of the lenses with which they can be used. They permit limited cropping of slides, as well as color correction, duplication and the conversion of color into black-and-white. Each is provided with a screw attachment to be used with Bellows FL.



C42-6591

Canon Duplicator 16 for Auto Bellows

C42-6581

Canon Duplicator 8 for Auto Bellows

These Duplicators are specifically designed for use with the Canon Auto Bellows in conjunction with the Canon Macrophoto Lenses (20mm f 3.5 & 35mm f 2.8). The Duplicator 16 is used with the Canon Macrophoto Lens 35mm f 2.8 for magnifications up to 3.7x; the Duplicator 8 is used with the Canon Macrophoto Lens 20mm f 3.5 for magnifications up to 6.6x.

Accessories for Photomacrography & Close-up



43-6370

Attachment Ring 48 for Slide Duplicator

CA4-2418

Attachment Ring 52 for Slide Duplicator

43-6371

Attachment Ring 55 for Slide Duplicator

43-6372

Attachment Ring 58 for Slide Duplicator

For the photographer wishing to convert his Slide Duplicator to accept lenses of different filter size, these accessory Attachment Rings are provided. For example, the owner of the Slide Duplicator 48 may use the accessory with lenses having filter sizes of 55mm and/or 58mm with the simple addition of extra Attachment Rings.



4-26201-20

Photo Micro Unit F

This Canon microscope adapter is for use where a fixed camera-to-microscope distance is acceptable. It is suitable for photography with general and metallographical microscopes with a 25mm diameter outside sleeve. Magnification is approximately 0.5X that of the microscope eyepiece objective.



4-25501-00

Microphoto Hood

This is an adjustable microscope adapter which should be used in conjunction with a Bellows, and Lens Mount Converter A. It is adjustable so as to change the magnification of the image. Focusing is accomplished either by the microscope or Bellows.



C50-0301-221

Macrolite ML-1 Set

(Consists of Macrolite ML-1, Wide Adapter ML-1, Macrolite Adapters 55 and 52, Tightening Rings 55 and 52)

The Macrolite ML-1 is an outstanding electronic flash system designed especially for close-ups with Canon cameras and lenses. A unique characteristic of the Macrolite ML-1 is the use of two symmetrical flash tubes which may be fired simultaneously or individually to create different effects. It also may be used with the Canon FD 80-200mm f4.0 zoom lens, with the FD 50mm f3.5 or FD 100mm f4.0 Macro lenses which is especially useful in medical or dental photography.



5-03111-00

Camera Holder F

The Camera Holder F is ideal for any application where steadiness of the camera/lens combination is paramount, such as copying, photomacrography or telephoto photography.

5-63061-00

Canon Release 30

5-63062-00

Canon Release 50

These are cable releases which are essential for a vibrationless shutter trip at slow shutter speeds or for a greater convenience when using the camera on Copy Stand 4 or a tripod.



5-64017-00

Self Timer 8

This accessory is for the TX or TLb, which do not have self timers of their own. It gives a time delay for 5 to 10 seconds, so that the user can get himself into the photograph, or vibration from manual shutter tripping can be eliminated.

Canon Filters for Most Cameras

CANON FILTERS AND CLOSE-UP LENSES

Canon's fine line of precision filters has been broadened and improved, featuring standard Wratten designations, universal sizes (for SLR's of other manufacture) and more styles. Now, for the first time, your customer can get Canon quality in filters—at an exceptional value.

Canon filters are made from the finest optical and mechanical materials. A poorly made filter can either impair some of all of the optical quality of a good lens or actually stick to the lens itself, due to poor manufacturing tolerance or incorrect thread pitch.

Canon filters marked (*) are for black-and-white photography, those marked (**) are for color photography and those with no mark are useful for either.

The Softmat filter is available in two grades, for two degrees of softness. Softness (diffusion) achieved by a filter, rather than in printing, has a glowing, unusual quality that is excellent for portraiture or pictorial subjects.

Canon Close-Up Lenses are extremely fine accessories for extending the range of any Canon lens that is used in conjunction with through-the-lens viewing and focusing (SLR's and Super 8's).

Please note that the Close-Up Lenses designated C-8 are specifically designed for use with Canon Super 8 cameras. Their mounts are thin, to prevent vignetting at the wide-angle setting of the Super 8 zoom lenses.

FILTERS AND THEIR EFFECTS

***HAZE (UV-1):** Reduces excess UV contrast loss in haze, marine and mountain scenes.

***YELLOW 2:** Used with Black and White films for better tone separation in sky, foreground and overall contrast. Can be used for monochromatic effects with color films.

***GREEN 11:** Used with Black and White Pan films—ideal for outdoor portraits against sky. Renders good tone separation in foliage and natural sky appearance. Can be used for special night effects with Infra-Red color film.

***ORANGE 15:** Use with all Black and White films. Ideal for portraits of people with poor skin complexions when using Pan films. Excellent for greater contrast in copywork.

***RED 25A:** Heavy contrast effects for architectural subjects with Pan film, used with black and white Infra-Red film for high contrast results. Excellent for cutting through aerial haze.

****SKY 1A:** Used outdoors to reduce blue in shade areas, good protection for lens.

****80A:** Conversion of daylight color films to 3200° Kelvin tungsten lights, quartz (or professional floods).

****80B:** Conversion of daylight color films to 3400° Kelvin tungsten light (photo-floods).

****81A:** Use with daylight color films to balance and reduce excessive blue from electronic flash. Use outdoors to prevent excessive blue in open shade and for added warmth. Corrects type B films for use with 3400°K lamps.

****81B:** For increased correction of the bluish cast caused by most electronic flash units. Renders warmer results than the 81A filter.

****85:** Converts Type A color films for daylight use. Used with Daylight color films, produces vibrant sunsets and adds warmth to fall-foliage scenes.

****85B:** Converts Type B color films for outdoor daylight use. Also renders warmer effects than the #85 filter.

0.3ND: Use with all films for uniform reduction of light. Ideal for control of High-Speed films by reducing the intensity of the light transmitted without changing the color quality of the light. Also ideal for special effects where "Stop-Action" or a blurred background is desired. Allows 50% light transmission.

0.6ND: Same as above. Allows 25% light transmission.

****CCA4:** This yellowish color balancing filter is like the Wratten #81C. It is useful for using clear (aluminum) flash bulbs with Type B or Type A films.

****CCA8:** This is an amber conversion filter, similar to Wratten #85C. It is for using film balanced for 3800°K lighting outdoors.

****CCA12:** Another amber color conversion filter, the CCA12 is similar to the Wratten #85. It is for use with Type A color film (for 3400°K tungsten lights) outdoors in daylight.

****CCB4:** This bluish balancing filter, similar to Wratten #82C, is for using Type B film with incandescent lighting equivalent to a 75-watt household bulb and for using Type A film with incandescent lighting equivalent to a 200-watt household bulb.

****CCB8:** A blue conversion filter, the CCB8 is like the Wratten #80C and is used when daylight-balanced color film is used with clear, aluminum-foil flashbulbs.

****CCB12:** This blue color conversion filter is like the Wratten #80B, for use when daylight color film is to be exposed under 3400°K incandescent lighting.

ND4: This neutral density filter reduces the intensity of the light reaching the film by 2 f-stops. Highly useful when using high speed films in bright lighting or for using a wider aperture for less depth-of-field.

ND8: Identical in its effect to the ND4, except decreases light transmission by 3 f-stops. Neither ND filter affects color rendition.

SPECIAL FILTERS

POLARIZER: Use for better color saturation, greater contrast between clouds and sky. Eliminates reflections (except metals) outdoors and indoors (when lighting is polarized). Can be used in combination with other color filters for special effects.

FCB: Use with Type B color films to correct the blue-green cast caused by fluorescent lighting.

FCD: Use with all Daylight color films to correct the blue-green cast caused by fluorescent lighting.



***For use with black-and-white films.**

****For use with color films.**

No Mark: For use with either color or black-and-white films.

CAUTION: When using the polarizer on the Canon F-1 or FTb cameras, or any SLR having a beam-splitter in the viewfinder system, the direct read-out can be in error.

To eliminate the beam-splitter effect with the polarizer, the user should take a reading without the filter, then apply the exposure correction recommended in the polarizer instructions.

FILTERS

		40mm	48mm	55mm	58mm	62mm	72mm	Series 9	95mm
FILTER (Equivalents)	UV (UV)	4-34061-00	4-34861-00	4-35561-00	4-35861-00	4-36261-00	4-37261-00	4-39021-01	—
	Y1 (light yellow)	4-34062-00	4-34862-00	4-35562-00	4-35862-00	—	—	—	—
	Y3 (dark yellow)	4-34064-00	4-34864-00	4-35564-00	4-35864-00	4-36264-00	4-37264-00	4-39023-01	4-39564-00
	O1 (orange)	4-34065-00	4-34865-00	4-35565-00	4-35865-00	—	—	—	4-39565-00
	R1 (red)	4-34066-00	4-34866-00	4-35566-00	4-35866-00	4-36266-00	4-37266-00	4-39025-01	4-39566-00
	G1 (green)	4-34068-00	4-34868-00	4-35568-00	4-35868-00	—	—	—	—
	Skylight (1a)	4-34071-00	4-34871-00	4-35571-00	4-35871-00	4-36271-00	4-37271-00	4-39029-01	4-39571-00
	CCA4 (81C)	4-34072-00	4-34872-00	4-35572-00	4-35872-00	—	4-37272-00	4-39042-01	—
	CCA8 (85C)	4-34073-00	4-34873-00	4-35573-00	4-35873-00	—	4-37273-00	4-39043-01	—
	CCA12 (85)	4-34074-00	4-34874-00	4-35574-00	4-35874-00	4-36274-00	4-37274-00	4-39027-01	4-39574-00
	CCB4 (82C)	4-34075-00	4-34875-00	4-35575-00	4-35875-00	—	4-37275-00	4-39044-01	4-39575-00
	CCB8 (80C)	4-34076-00	4-34876-00	4-35576-00	4-35876-00	—	4-37276-00	4-39045-01	—
	CCB12 (80B)	4-34077-00	4-34877-00	4-35577-00	4-35877-00	4-36277-00	4-37277-00	4-39028-01	—
	ND4	4-34082-00	4-34882-00	4-35582-00	4-35882-00	4-36282-00	4-37282-00	4-39030-01	—
	ND8	4-34083-00	4-34883-00	4-35583-00	4-35883-00	4-36283-00	4-37283-00	4-39031-01	—
SOFTMAT —FILTER	No. 1		4-34885-00	4-35585-00	4-35885-00				
	No. 2		4-34886-00	4-35586-00	4-35886-00				
CLOSE-UP LENS	1800		—	—	5-43341-01				
	450		5-43251-01	5-43571-00	5-43231-01				
	240		5-43331-01	5-43561-00	5-43241-01				
	C-8 450		5-43252-00	—	5-43233-00				
	C-8 240		5-43332-00	—	5-43242-00				

CANON FILTERS AND CLOSE-UP LENSES

Canon filters are made of the finest materials, both optically and mechanically. A poorly made filter can either destroy some or most of the fine optical quality of a Canon lens, or become stuck on the lens itself, due to poor manufacturing tolerances or incorrect thread pitch.

For photographers wishing to get the creative and corrective effects that filters can give, there are no finer filters than Canon's.

The Softmat Filter is available in two grades, for two degrees of softness. Softness (diffusion) achieved by a filter, rather than in printing, has a glowing, unusual quality that is excellent for portraiture or pictorial subject matter.

Canon Close-Up Lenses are extremely fine accessories for extending the range of any Canon lens that is used in conjunction with through-the-lens viewing and focusing (SLR's and Super 8's).

Please note that the Close-Up Lenses designated C-8 are specifically designed for use with Super 8 cameras. Their mounts are thin, to prevent vignetting at the wide-angle setting of the Super 8 zoom lens. Close-Up Lens 1800 is for use with the FL 55-135mm f/3.5 Zoom Lens.

FILTERS AND THEIR EFFECTS

1. Filters for Black-and-White Photography

UV: All glass blocks light to some extent. The Canon UV filter blocks UV further, and because of this is especially useful in counteracting "haze" when shooting mountains, in mist or near water. It will not actually "cut" haze or fog, but increases overall contrast. Its effect is negligible in color photography.

Y1: This light yellow filter darkens its complementary (and colors similar to its complementary) colors. It is useful for scenic black-and-white photography on sunny days, because it darkens the sky and makes clouds more distinct. It tends to lighten reds, oranges and yellows, and will lighten skin tones somewhat.

Y3: Its effect is similar to that of the Y1, but stronger. Because it's deeper in color, it requires more filter (exposure) compensation—something already accounted for with all current Canon cameras, since the filter will be placed over the meter cell and filter factor calculation is not required.

O1: The orange filter gives a much more dramatic effect with skies than either of the yellow filters. It is recommended where unusually dark skies are desired (on sunny days) or where colors with similar tones (wood, for instance) must be lightened.

R1: The red filter is the most dramatic member of the yellow-red filter group. It renders skies almost black, lightens flesh tones considerably (making them chalky) and requires large exposure compensation. It is also for use with infrared black-and-white films.

G1: The green filter is an excellent choice for all-around black-and-white photography. It "sees" tones in the same way as the human eye, and will give very literal renditions of tones on panchromatic film. Used with pan film, under tungsten lights or outdoors, it will darken ruddy complexions. It darkens red and blue, lightens green and yellow.

2. Filters for Color Photography

Skylight: This filter is similar to the Wratten "Skylight 1a" filter in its effect. It is for "warming up" color film, especially in open shade outdoors, keeping the pictures from becoming too blue. It can be used on the lens at all times, for protection.

CCA4: This yellowish color balancing filter is like the Wratten #81C. It is useful for using clear (aluminum) flash bulbs with type "B" or type "A" films.

CCA8: This is an amber conversion filter, similar to Wratten #85C. It is for using film balanced for 3800°K lighting outdoors, where the color temperature is 5500°K.

CCA12: Another amber color conversion filter, the CCA12 is similar to the Wratten #85. It is for use with type "A" color film (for 3400°K tungsten lights) outdoors, in daylight.

CCB4: This bluish balancing filter, similar to Wratten #82C, is for using type "B" film with incandescent lighting equivalent to a 75-watt household bulb, and for using type "A" film with incandescent lighting equivalent to a 200-watt household bulb.

CCB8: A blue conversion filter, the CCB8 is like the Wratten #80C, and is used when daylight-balanced color film is used with clear, aluminum-foil filled flashbulbs.

CC12B: This blue color conversion filter is like Wratten #80B, for use when daylight color film is to be exposed under 3400°K incandescent lighting.

3. Filters for Black-and-White and Color Photography

ND4: This neutral density filter reduces the intensity of the light reaching the film by 2 f/stops. Highly useful when using high speed films in bright lighting, or for using a wider aperture, for less depth-of-field.

ND8: Identical in its effect to the Canon ND4, except decreases light transmission by 3 f/stops. Neither ND filter affects color rendition.