

VIEWFINDER ACCESSORIES

CODE NO.	DESCRIPTION
C04-081	AE Finder FN (w/In-Finder Dust Cover)
C04-0811	Speed Finder FN (w/In-Finder Dust Cover FN)
C04-0821	Waist Level Finder FN (w/In-Finder Dust Cover FN)
C04-0831	Waist Level Finder FN-EX (w/In-Finder Dust Cover FN)
GA-3716	Finder Dust Cover FN
S-4070-21	Magnifier B
S-4105-10	Magnifier Adaptor R
S-4105-10	Angle Finder R
S-4071-00	Angle Finder B
CA1-2370	Rubber Eyecup Ring 2

DIOPTRIC ADJUSTMENT LENSES

S-0506-00	Dioptric Adjustment Lens R (+3)
S-0506-00	Dioptric Adjustment Lens R (+1.5)
S-0506-00	Dioptric Adjustment Lens R (+1)
S-0506-00	Dioptric Adjustment Lens R (+0.5)
S-0506-00	Dioptric Adjustment Lens R (0)
S-0507-00	Dioptric Adjustment Lens L (-0.5)
S-0506-00	Dioptric Adjustment Lens L (-1)
S-0506-00	Dioptric Adjustment Lens L (-2)
S-0506-00	Dioptric Adjustment Lens L (-3)
S-0506-00	Dioptric Adjustment Lens L (-4)

FOCUSING SCREENS

C01-9531	Focusing Screen FN-AA (Standard Microprism) for center-weighted average metering
C01-9541	Focusing Screen FN-AB (New Split) for center-weighted average metering
C01-9551	Focusing Screen FN-AC (Overall Laser Matte) for center-weighted average metering
C01-9561	Focusing Screen FN-AD (Laser Matte with Grid) for center-weighted average metering
C01-9591	Focusing screen FN-AE (New Split Microprism) for center-weighted average metering

FLASH ACCESSORIES

C00-0271-001	Speedlite 133A Set in Case
C00-0211-301	Speedlite 185A Set in Case
C00-0081-011	Speedlite 177A Set in Case w/Wide Adapter
C00-0411-211	Speedlite 188A Set in Case w/Wide Adapter
CA-2332	View Adapter for 188A and 177A
C00-0321-011	Speedlite 199A Set in Case w/Wide Adapter

MAINTENANCE

C00-1481	Wide Adapter for 199A
C00-1431-001	Battery Magazine D
C00-1441-001	Synchro Cord
C00-1501-021	Macrodrive M-1 Set
Y10-6725	Wide Adapter M-1
Y10-6726	Macrodrive Adapter S2
Y10-6166	Macrodrive Adapter S2
Y10-6756	Tightening Ring S5
Y10-6757	Tightening Ring S6
C00-1432	Battery Magazine 'D' for Microdrive M-1
C00-0381-221	Speedlite 5330 Set
C00-0391-211	Speedlite 5730 Set
C00-1501	One-Touch Bracket G
C00-1491	Sensor Unit C00
C00-1492	Sensor Unit B00
C00-1541	Wide Adapter 5330-24
C00-1543	Wide Adapter 5730-24
C00-1542	Wide Adapter 5330-20
C00-1544	Wide Adapter 5730-20
C00-1545	View Adapter 5330
C00-1546	View Adapter 5730
C00-1547	Adapter G for Motor Drive MF
C00-1571	Battery Magazine TP
C00-1581	N-C-CD Pack TP
C00-1587	N-C-CD Charger TP
C00-1521-221	Transistor Pack G Set (consists of Ni-Cd Pack TP, N-C-CD Charger TP and Power Cord)
C00-1521-311	Transistor Pack G Set (consists of Battery Magazine TP and Power Cord)

DATA BACK ACCESSORIES

C01-9113-001	Data Back B
C01-9113-002	Data Back C
C01-9113-003	Data Back D
C01-9113-004	Data Back E
C01-9113-005	Data Back F
C01-9113-006	Data Back G
C01-9113-007	Data Back H
C01-9113-008	Data Back I
C01-9113-009	Data Back J
C01-9113-010	Data Back K
C01-9113-011	Data Back L
C01-9113-012	Data Back M
C01-9113-013	Data Back N
C01-9113-014	Data Back O
C01-9113-015	Data Back P
C01-9113-016	Data Back Q
C01-9113-017	Data Back R
C01-9113-018	Data Back S
C01-9113-019	Data Back T
C01-9113-020	Data Back U
C01-9113-021	Data Back V
C01-9113-022	Data Back W
C01-9113-023	Data Back X
C01-9113-024	Data Back Y
C01-9113-025	Data Back Z

MISCELLANEOUS ACCESSORIES

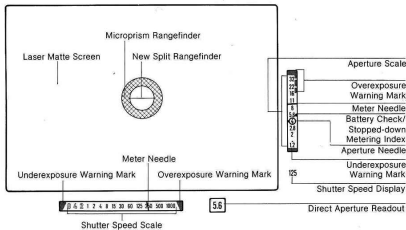
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S-63013-100	Release 3

CASES

C01-9543	Focusing Screen FN-SB (New Split) for spot metering
C01-9553	Focusing Screen FN-SC (Overall Laser Matte) for spot metering
C01-9563	Focusing Screen FN-SD (New Split Microprism) for spot metering
C01-9533	Focusing Screen FN-SE (Laser Matte with Double Cross Hair Reticles) for spot metering
C01-9563	Focusing Screen FN-SJ (Bright Laser Matte/Spot Lenses) for spot metering
C01-9573	Focusing Screen FN-SK (Bright Laser Matte/Long Lenses) for spot metering

MACROPHOTO & CLOSE-UP ACCESSORIES

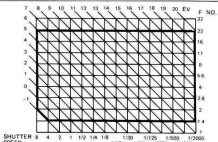
D-20001-20	Copy Stand
S-25001-03	Heavy Stand F52 Set
S-45201-30	Photo Micro Unit F
S-22111-00	Micro Hood
S-25301-00	Extension Tube A
S-25302-00	Extension Tube B
S-25303-00	Extension Tube C
S-25304-01	Extension Tube FD 50 Universal in Case
S-25305-01	Extension Tube FD 18 Universal in Case
S-25310-00	Extension Tube PL 15
S-25311-00	Extension Tube PL 25
S-25312-01	Extension Tube M2
S-25313-00	Extension Tube M10
S-25314-00	Extension Tube M20
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S-25449-00	Extension Tube M1370
S-25450-00	Extension Tube M1380



Meter Mode Selector
Set at **NORMAL**, the meter only functions while the shutter button is depressed, as a power-saving measure. At **HOLD**, the meter operates for 16 seconds, freeing both hands to adjust the camera or lighting. The same happens on **LIGHT**, but in addition the viewfinder display is illuminated for shooting in low-light conditions. Touching the battery check button or releasing the shutter cancels the 16-second delay in either **HOLD** or **LIGHT** modes.

Expanded Metering Range

The metering range is 5 wide EV-1 to EV20 (ASA 100, 50mm f/1.4), permitting shutter speeds of down to 4 seconds. The film speed range is also wide: ASA 6 to ASA 6400.



Interchangeable Viewfinders



1 Eye-Level Finder FN

Standard finder with the new F-1. Features include built-in X-sync hot shoe with special contacts for Speedlite flash AE and a handy eyepiece shutter to prevent entry of extraneous light during time exposures at night, etc.

2 AE Finder FN

This is also a standard finder for the new F-1. Photographers who require maximum control over the depth of field (e.g. in close-up work) will find this finder a great advantage, as it provides aperture-priority AE and stop-down AE.

3 Speed Finder FN

The Speed Finder FN swivels round a full 180° in one fast motion to convert from an eye-level to a waist-level finder.



4 Waist-level Finder FN

This comes in handy in close-up work, copying, macrophotography and astrophotography, where it is necessary to use the camera at a low angle

or view the subject at a right-angle. A built-in, flip-up 4.6X magnifying glass is provided for precise focusing.

5 Waist-Level Finder FN-6X

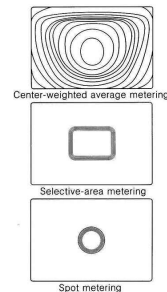
A new finder unavailable with the original F-1. A built-in 6X magnifying glass permits extremely precise focusing in close-up photography, copy work and photomicrography. And the magnifying glass offers magnification of the entire image area. The Waist-Level Finder FN-6X includes built-in dioptic adjustment for correction from -5 to +3 diopter.

Choice of Three Metering Areas

Many cameras feature interchangeable focusing screens. The new F-1, however, is the only one that also offers a choice of metering sensitivity patterns, just by changing the screen.

There are three different patterns: center-weighted average, selective-area and spot metering. Dividing the 13 different focusing screens available into three groups yields a total of 32 different focusing screen-metering system combinations. The entire series of screens is available for center-weighted average metering and selective-area metering. Six screens — only those effective for this specialized metering method — are available for spot metering.

Center-weighted average metering is ideal for AE photography, particularly with wide-angle lenses. The degree of center-weighting in the horizontal direction is significantly increased to minimize exposure difference between vertical and horizontal positions. Selective-area metering is also effective for AE photography and stop-down AE in close-up applications where precise exposure of a specific area of the image is necessary. Approximately 12% of the viewfinder area is metered. The 3% spot metering pattern is difficult to use, yet yields spectacular results. Ideal for situations where there is extreme contrast between subject and background. New screens include two Bright Laser-Mattes which are approx. 20% brighter than the laser matte and the Cross Split which facilitates both horizontal and vertical format focusing.



1 Standard Microprism

Matte/Fresnel field with central microprism rangefinder. For general photography with all lenses.

2 New Split

Suitable for general photography with all lenses. Split-image darkening does not occur even with slow lenses.

3 Overall Laser Matte

Matte/Fresnel field with clear matte enables viewing and focusing without distraction in the center. Ideal for macro and telephoto photography.

4 Laser Matte with Grid

Reference lines aid in situations where lateral and vertical composition accuracy is important, e.g. copy work and architectural photography. Especially suited for the TS 35mm (Tilt and Shift) Lenses.

5 New Split/Microprism

Standard in the new F-1. Multipurpose type for all lenses, enables focusing with the split-image, microprism, or matte field depending on the subject or your own preference.

6 Microprism/Fast Lenses

An excellent choice when using fast lenses (f/1.2 to f/2.8). Affords easy, extremely accurate focusing.

7 Microprism/Slow Lenses

Similar to F, but for slower maximum apertures of f/3.5 to f/5.6. Does not incur prism darkening.

8 Laser Matte with Scale

For high-magnification applications such as close-up photography and photomicrography. With fine matte center and 1mm gradations on vertical/horizontal lines and around edges.

9 Laser Matte with Double Cross-Hair Reticle

Well suited for applications requiring high magnifications such as photomicrography and astrophotography. To focus move your eye from left to right. If the cross-hairs stay in the same position on the subject, the subject is in focus.

10 Bright Laser Matte/Short Lenses

Together with the Bright Laser Matte K, the brightest screens of the system. Especially effective with 50mm to 200mm lenses and dark subjects or when using small working apertures.

11 Bright Laser Matte/Long Lenses

Provides the same unobstructed viewing as the Bright Laser Matte J. Suitable for 300mm telephoto lenses or longer. Also effective for photomicrography.

12 Cross Split

Divides the subject both horizontally and vertically. Subject is in focus when the four quarters merge to become one unbroken image. Applicable to all lenses.

13 A/B Size Laser Matte

The screen for those in the publishing and advertising fields. Engraved crosses in corners facilitate cropping.

Spot	Selective-area	Center-weighted average
Types of focusing screens		
A	●	★ ★
B	⊕	★ ★ ★
C	⊕	★ ★ ★
D	⊕	★ ★
E	⊕	★ ★ ★
F	●	★ ★
G	●	★ ★
H	⊕	★ ★
I	⊕	★ ★ ★
J	⊕	★ ★ ★
K	⊕	★ ★ ★
L	⊕	★ ★
M	⊕	★ ★

Full Range of System Expanders



1 AE Power Winder FN

The AE Power Winder FN provides the same convenient operation as the AE Motor Drive FN, but at a slower speed (max 2 fps). It is powered by four penlight batteries and can be set for single-frame advance. Provision for remote control of switching functions the AE Motor Drive FN features is also available on the AE Power Winder FN. All other features, with the exception of powered film rewind, are the same as the AE Motor Drive FN.

2 AE Motor Drive FN

Rugged, compact and lightweight, the AE Motor Drive FN fits beneath the camera and is then always fitted underneath with one of the power packs. The camera's own shutter release, the one on top the motor drive grip, and the one on the side of the power pack (latter to simplify holding for vertical shots) operate the motor. There's choice of speeds, too: high (H) 5 fps, low (L) 3.5 fps and single frame (S). Power rewind is possible, taking only 10 seconds for a 36-exp roll.

Three Power Pack Options

3 Battery Pack FN

Loaded with twelve penlight batteries, the Battery Pack FN enables the AE Motor Drive FN to advance the film at 5 fps. Under normal temperatures, this pack will wind fifty rolls of 36-exp film. Battery condition is indicated by a 3-step LED.

4 High Power Ni-Cd Pack FN

For shooting at temperatures down to -20°C , the High Power Ni-Cd Pack FN is recommended. At normal temperatures, this unit will wind up to fifty rolls of 36-exp film between charges. With the addition of the Battery Cord C-FN, the High Power Ni-Cd Pack FN can be used as external power source for powering the camera, replacing the usual battery installed in the new F-1 body.

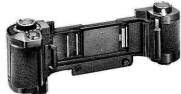
5 Ni-Cd Pack FN

Offering greater economy and compactness, the Ni-Cd Pack FN uses built-in rechargeable Ni-Cd batteries. It has a shooting capacity of about thirty rolls of 36-exp film per charge and the batteries may be recharged up to 300 times. The weight of the Ni-Cd Pack FN is about half the weight of the Battery Pack FN loaded with batteries.



6 Battery Cord C-FN

This is a special cord for drawing the camera's power from the alternative power source in cold weather. The camera's usual 6V battery is removed and the power is drawn from the High Power Ni-Cd Pack. The voltage from the High Power Ni-Cd Pack is stepped down to the usual voltage required for the camera's function.



7 100 Exposure Film Chamber FN-100

With its newly designed grip and built-in shutter release button, this lightweight, compact unit greatly improves hand-held shooting and portability. Rapid-sequence (up to 5 fps) shooting of 100 frames is possible with the AE Motor Drive FN. This makes the Film Chamber FN-100 ideal for sports photography, copying work or recording experiments.

Its manually set subtractive frame counter automatically disengages the counter on the motor drive, and indicates the number of exposures remaining at any given time. When the film runs out, the unit automatically

stops. To install, you simply remove the camera's back cover.



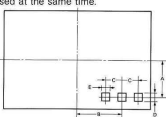
8 Interval Timer TM-1 Quartz

This handy accessory permits unmanned sequential photography at any preset time, from one shot every 1-40 seconds to one shot every 1-30 minutes. And the precision quartz timer may be set in 14 stages on a large, 'easy-to-read dial. The TM-1 releases the shutter when the camera is used in combination with the motor drive or power winder accessories. And it will function as a remote control switch.



9 Wireless Controller LC-1

Consisting of a receiver and transmitter, the Wireless Controller LC-1 permits remote-control operation, sequential or single-frame, from a distance of 60m in a straight line without cord connection. It has three channels for setting off cameras in succession. Placing receivers on several cameras, makes simultaneous multi-camera remote control possible. And with the three-channel selection, there is less chance of another photographer using the same or similar device accidentally setting off your camera.



- A: 8.5mm (5/16")
B: 11.85mm (7/16")
C: 2.3mm (1/8")
D: 0.7mm (1/32")
E: 0.9mm (3/64")

10 Canon AE Power Winder FN

Specifications

Structure: Motor drive section and power source-in-one unit.

Winding Speed: Approx two frames per second for sequence shooting or single-frame winding for intermittent shooting.

Operation: Activated by two release buttons on the winder, one for horizontal and another for vertical or by the camera's shutter release button, Remote Switch 3 or 60 using connecting cords, or with the transmitter of Wireless Controller LC-1. Shooting at fixed intervals possible using Interval Timer TM-1 Quartz.

Shutter Speed Coupling Range: 8 to 1/2000 sec.

Frame Counting: Frame counter of the Power Winder FN shows the number of unexposed frames. Functions independent of camera's frame counter.

Film Rewinding: By rewind crank on camera.

Safety Circuit: When the film is completely exposed or if the battery power fails, film winding automatically stops and the LED on Power Winder FN flashes.

Number of Film Rolls: In normal temperature about twenty rolls of 36-exposure film in continuous or single-frame mode, using

carbon zinc batteries.

Power Source: Four AA size batteries, carbon zincs, alkaline-manganese or Ni-Cd batteries.

Size: 157mm(W) x 77mm(D) x 101mm(H); (6-3/16" x 3" x 4")

Weight: 400g, 14-1/8 ozs. (including batteries)

11 Canon AE Motor Drive FN

Specifications

Structure: Consists of a motor for film winding, an electro-mechanical clutch, a set of gears, and a release button for connection to the camera base.

Operation: Three shutter buttons provided incl. battery section and camera's. Shooting at fixed intervals is possible using the Interval Timer TM-1 Quartz.

Film Rewinding: Motorized rewinding taking approximately 8 sec.

Size: 157mm(W) x 94mm(H) x 72mm(D); (6-3/16" x 3-11/16" x 2-7/8")

Weight: 396g, 13-15/16 ozs.

Canon Battery Pack FN Specifications

Structure: Consists of a motor control circuit and a chamber for loading twelve AA size batteries with a battery magazine.

Winding Speed: Three interchangeable modes of H (5 frames/sec.), L (3.5 frames/sec.) and S (single frame).

Operation: Activated by the auxiliary motor drive release on Battery Pack FN (vertical shot), shutter release button on the camera or on top of the motor drive grip (horizontal shot), Remote Switch 3 or 60 using connecting cords, or with the transmitter of Wireless Controller LC-1.

Shutter Speed Coupling Range: 1/60 to 1/2000 in H mode; 8 to 1/2000 in L or S mode.

Frame Counting: Frame counter of the AE Motor Drive FN shows the number of unexposed frames. Functions independently of camera's frame counter.

Safety Circuit: When the film is completely exposed or rewound or if the battery power fails, film winding/rewinding automatically stops and the LED on AE Motor Drive FN flashes.

Number of Film Rolls: In normal temperature about fifty rolls of 36-exposure film using H mode.

Power Source: Twelve AA size batteries, alkaline-manganese or carbon zincs.

Size: 156.7mm(W) x 75.3mm(D) x 36mm(H); (6-3/16" x 2-11/16" x 1-1/16")

Weight: 449g, 15-13/16 ozs. (including batteries)

Canon High Power Ni-Cd Pack FN Specifications

Structure: Consists of a motor control circuit and built-in Ni-Cd battery. Rechargeable with Ni-Cd Charger MA/FN.

Winding Speed: Three operating speeds of H (5 frames/sec.), L (3.5 frames/sec.) and S (single frame).

Operation: Activated by the auxiliary motor drive release on High Power Ni-Cd Pack FN (vertical shot), shutter release button on the camera or on top of the motor drive grip (horizontal shot), Remote Switch 3 or 60 using connecting cords, or with the transmitter of Wireless Controller LC-1.

Shutter Speed Coupling Range: 1/60 to 1/2000 in H mode; 8 to 1/2000 in L or S mode.

Frame Counting: Frame counter of the AE Motor Drive FN shows the number of unexposed frames. Functions independently of camera's frame counter.

Safety Circuit: When the film is completely exposed or rewound or if the battery power fails, film winding/rewinding automatically stops and the LED on AE Motor Drive FN flashes.

Number of Film Rolls: In normal temperature about fifty rolls of 36-exposure film using H mode. In -20°C temperature, about twenty rolls of 36-exposure film.

Power Source: Built-in Ni-Cd battery, 1.4V.

Size: 156.7mm (W) x 75.3mm(D) x 36mm(H); (6-3/16" x 2-15/16" x 1-7/16")

Weight: 469g, 16-9/16 ozs.

Canon Ni-Cd Pack FN Specifications

Structure: Consists of a motor control circuit and built-in Ni-Cd battery. Rechargeable with Ni-Cd Charger MA/FN.

Winding Speed: Three operating speeds of H (4.5 frames/sec.), L (3 frames/sec.) and S (single frame).

Operation: Activated by the auxiliary motor drive release on Ni-Cd Pack FN (vertical shot), shutter release button on the camera or on top of the motor drive grip (horizontal shot), Remote Switch 3 or 60 using connecting cords, or with the transmitter of Wireless Controller LC-1.

Shutter Speed Coupling Range: 1/60 to 1/2000 in H mode; 8 to 1/2000 in L or S mode.

Frame Counting: Frame counter of the AE Motor Drive FN shows the number of unexposed frames. Functions independently of camera's frame counter.

Safety Circuit: When the film is completely exposed or rewound or if the battery power fails, film winding/rewinding automatically stops and the LED on AE Motor Drive FN flashes.

Number of Film Rolls: In normal temperature about thirty rolls of 36-exposure film using H mode.

Power Source: Built-in Ni-Cd battery, 1.4V

Size: 156.7mm(W) x 67.8mm(D) x 26.6mm(H); (6-3/16" x 2-11/16" x 1-1/16")

Weight: 212g, 7-1/2 ozs.

Canon Film Chamber FN-100 Specifications

Type: Bulk film chamber for use in conjunction with AE Motor Drive FN.

Attachment: By exchange with camera's back cover.

Film Magazine: Two magazines, one each for supply and take-up, for exclusive use with Film Chamber FN-100.

Film Loading: Film loading into Film Magazine FN-100 using Film Loader 250 in a dark room.

Maximum Capacity: 100 frames of 35mm roll film.

Film Advance: Film advance via motor drive with a provision for synchronous film take-up.

Automatic Film Stop: When the last frame passes over the take-up roller, an LED warning lamp of the motor drive lights up.

Automatic Safety Circuit: When the shutter button is pressed, the film chamber will not operate and the motor drive's warning lamp lights up in the following cases:

- 1) When there is no film in the film chamber or the film has run out.
- 2) When there is film loaded and the Open/Close knob on the take-up side is at "OPEN."

Frame Counter: Manually set, subtractive type

Film Magazine Removal: Via two eject levers, one inside each magazine chamber.

Shutter Release: Four shutter buttons (one on film chamber, two on motor drive plus camera's) each with a lock lever.

Back Cover Interlock: Back locked with both OPEN/CLOSE knobs at "CLOSE" or OPEN/CLOSE knob on magazine supply side at "OPEN."

Dimensions: 258.8(W) x 108.5(H) x 72.3(D)mm; (10-3/16" x 4-1/4" x 2-7/8")

Weight: 641g, 2-2/8 ozs.

Canon Data Back FN Specifications

Attachment: By exchange with camera's back cover.

Data Setting: Done by three rotating dials.

Data Setting Dials:

Right dial: 32 digits and two blanks (□, ○, 0-31)

□ denotes a blank on film.

Central Dial: 39 characters and one blank (□, 0-31, A-G)

Left dial: 39 characters and one blank (□, 0, 9, 81, 2 to 92, Roman numerals) to X and a to g.

Data Recording: Data is automatically recorded in lower right-hand corner of frame and through the back of the film by a built-in flash unit coupled to the shutter release. A separate button is provided for manual data exposure.

Exposure (Light Intensity) Adjustment: By setting dial to one of three positions according to type of film.

Indicator Lamp: Neon pilot lamp lights up to indicate Data Back is ready for firing.

Power Source: One 6V alkaline-manganese (4LR44) good for approximately 2,000 flashes. Approximately 1,000 flashes when using AE Power Winder FN for sequential shooting at 2 fps.

Main Switch: ON-OFF, when set to OFF, indicator lamp goes out and no data will be recorded.

Size: 103mm(W) x 14.3mm(D) x 49.2mm(H); (4" x 9/16" x 1-7/8")

Weight: 166g, 6 ozs. (including battery)

Canon Interval Timer TM-1 Quartz Specifications

Connection: By inserting the plug of the timer to the remote control jack of one of the power packs for the AE Motor Drive FN or to the remote jack of the AE Power Winder FN.

Time Intervals: Shooting in fixed intervals from one second to 30 minutes. Settings for 1, 2, 5, 10, 15, 20, 30 and 40 seconds and 1, 2, 5, 10, 20, and 30 minutes.

Switch Functions: Power on/off of time setting and separate on/off/running lock switch for activating shutter release

Battery Check: With battery checklight on timer

Power Source: One 6V alkaline-manganese (4LR44)

Size: 38mm(W) x 19.5mm(D) x 94mm(H); (1-9/16" x 13/16" x 3-11/16")

Weight: 60g, 2-1/8 ozs. (including battery)

Canon Wireless Controller LC-1 Specifications

Operation Range: About 60m (200 ft.) in a straight-line course with no obstacles in the path. If the angle between the receiver and transmitter is 20°, about 35m; if 45°, about 15m.

Operation Mode: C (continuous) for sequence shooting, S (single) for single-frame shooting.

Number of Channels: Three

Attachment to the Camera: Receiver mounts into camera's accessory shoe. Synchro cord plugs into the remote control jack on the power winder or motor drive device.

Battery Life: More than 500 times with a new battery provided a minimum interval of less than 0.5 sec. is used between each operation.

Battery Check: Operation confirmation lamp doubles as battery checklight.

Operation Confirmation Lamp: Provided on the receiver. Prior to shooting, operation confirmation lamp can be used to check if the distance between the transmitter and the receiver is within range.

Power Source: For the receiver, DC 9V transistor battery, Eveready 216, Duracell M1604 or the equivalent. For the transmitter, two AA size alkaline-manganese batteries.

Size: Receiver, 35 x 82 x 84.5mm (1-3/8" x 2-7/16" x 3-3/8"); transmitter, 49 x 120 x 37mm (1-11/16" x 4-3/4" x 1-1/2")

Weight: Receiver, 153g, 5-3/8 ozs. (including the battery); transmitter, 172g, 6-1/16 ozs. (including batteries).

Seven Canon Speedlites Plus a Special MacroLite

The New Canon Auto Tuning System (New CATS) makes flash photography simple and error-free, also allows many techniques to be used. And there are seven models in the Speedlite series, plus a MacroLite ML-1 flash unit for close-up work.

Models 133A through 199A fit directly into the hot shoe on the viewfinder, while the grip type 577G and 533G are camera-mounted using a quick-release bracket, their independent sensor units mounts on the camera hot shoe.

The high-powered 577G and 533G are ideal for shooting subjects that are difficult to approach. Also, tele- and wide-adapters can be attached to provide full flash coverage using lenses with focal lengths of 100mm or more, or as wide as 20mm.

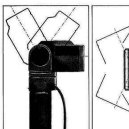
The heads of these two rugged, lightweight units can be tilted up 120° with intermediate click stops at 60°, 75° and 90° to permit bounce flash. Left-right horizontal turning is also possible. Both units have three color-coded auto shooting distance ranges.

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**Canon Speedlite 133A Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 16 (ASA/ISO: 100/21, m); 26 (ASA/ISO: 25/15', ft)

Attachment: Via hot shoe

Flash Coverage Angle: 35mm lens

Flash Duration: 1/700 to 1/500,000 sec.

Power Source: 4 AA-size alkaline-manganese or rechargeable Ni-Cd batteries

Body Dimension and Weight: 82(W) x 37(D) x 95(H)mm (2-7/16" x 1-7/16" x 3-3/4"); 200g (1-9/16 ozs.)

Canon Speedlite 155A Specifications

Type: Electronic computer flash unit with a series control system.

Guide Number: 17 (ASA/ISO: 100/21, m); 28 (ASA/ISO: 25/15', ft)

Attachment: Via hot shoe

Flash Coverage Angle: 35mm lens

Flash Duration: 1/1000 to 1/500,000 sec.

Power Source: 4 AA-size alkaline-manganese or rechargeable Ni-Cd batteries

Body Dimension and Weight: 80(W) x 51(D) x 105(H)mm (2-3/4" x 2" x 4-1/8"); 300g (10-9/16 ozs.)

Canon Speedlite 177A**Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 25 (ASA/ISO: 100/21', m); 41 (ASA/ISO: 25/15', ft)

Attachment: Via hot shoe

Flash Coverage Angle: 28mm lens with Wide Adapter

Flash Duration: 1/600-1/50,000 sec.

Power Source: 4 AA-size alkaline-manganese or rechargeable Ni-Cd batteries

Manual Flash: Possible

Body Dimension and Weight: 72(W) x 58(D) x 107(H)mm

(2-13/16" x 2-1/4" x 4-3/16") 310g (1-15/16 oz.)

Canon Speedlite 188A**Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 25 (ASA/ISO: 100/21', m); 41 (ASA/ISO: 25/15', ft)

Attachment: Via hot shoe

Flash Coverage Angle: 28mm lens with Wide Adapter

Flash Duration: 1/700-1/50,000 sec.

Power Source: 4 AA-size alkaline-manganese or rechargeable Ni-Cd batteries

Manual Flash: Possible

Body Dimension and Weight: 68(W) x 52(D) x 103(H)mm

(2-11/16" x 2-1/16" x 4-1/16") 290g (10-1/4 oz.)

Canon Speedlite 199A**Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 30 (ASA/ISO: 100/21', m); 50 (ASA/ISO: 25/15', ft)

Attachment: Via hot shoe

Flash Coverage Angle: 24mm lens with Wide Adapter

Flash Duration: 1/500-1/50,000 sec.

Power Source: 4 AA-size alkaline-manganese or rechargeable Ni-Cd batteries

Manual Flash: Possible

Bounce Flash: Up to 90° upward

Slow Sync. Flash: Possible with Canon new F-1 and A-1

Body Dimension and Weight: 78(W) x 83(D) x 116(H)mm

(3-1/8" x 3-1/8" x 4-9/16") 490g (1 lb. 1-5/16 oz.)

Canon Speedlite 533G**Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 36 (ASA/ISO: 100/21', m); 60 (ASA/ISO: 25/15', ft)

Attachment: Grip type

Flash Coverage Angle: 20mm lens with Wide Adapter

Flash Duration: 1/800-1/50,000 sec.

Power Source: 6 AA-size alkaline-manganese or rechargeable Ni-Cd batteries; 6 C-size alkaline-manganese batteries or Ni-Cd Pack TP in the Transistor Pack G

Manual Flash: Possible

Bounce Flash: Up to 120° upward, 120° left and right

Slow Sync. Flash: Possible with Canon new F-1 and A-1

Body Dimension and Weight: 93(W) x 104(D) x 245(H)mm

(3-11/16" x 4-1/8" x 9-3/4") 655g (23-1/8 oz.)

Canon Speedlite 577G**Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 48 (ASA/ISO: 100/21', m); 80 (ASA/ISO: 25/15', ft)

Attachment: Grip type

Flash Coverage Angle: 20mm lens with Wide Adapter

Flash Duration: 1/400-1/50,000 sec.

Power Source: 6 C-size alkaline-manganese batteries or Ni-Cd Pack TP in the Transistor Pack G

Manual Flash: Possible

Bounce Flash: Up to 120° upward, 120° left and right

Slow Sync. Flash: Possible with Canon new F-1 and A-1

Body Dimension and Weight: 99(W) x 107(D) x 245(H)mm

(2-7/8" x 4-1/4" x 9-5/8") 600g (21-3/16 oz.)

Canon Macrolite ML-1**Specifications**

Type: Electronic computer flash unit with a series control system.

Guide Number: 16 (ASA/ISO: 100/21', m); 26 (ASA/ISO: 25/15', ft)

Attachment: Clip-on of Control Unit via hot shoe

Flash Coverage Angle: Image size and framing possible with New FD 80-200 1/4 zoom lens and Close-up lens 500T, New FD 50mm 1/2.5 Macro, New FD 100mm 1/4 Macro, and New FD 200mm 1/4 Macro.

Flash Duration: 1/500-1/50,000

Power Source: 8 AA-size alkaline-manganese or rechargeable Ni-Cd batteries

Manual Flash: Possible

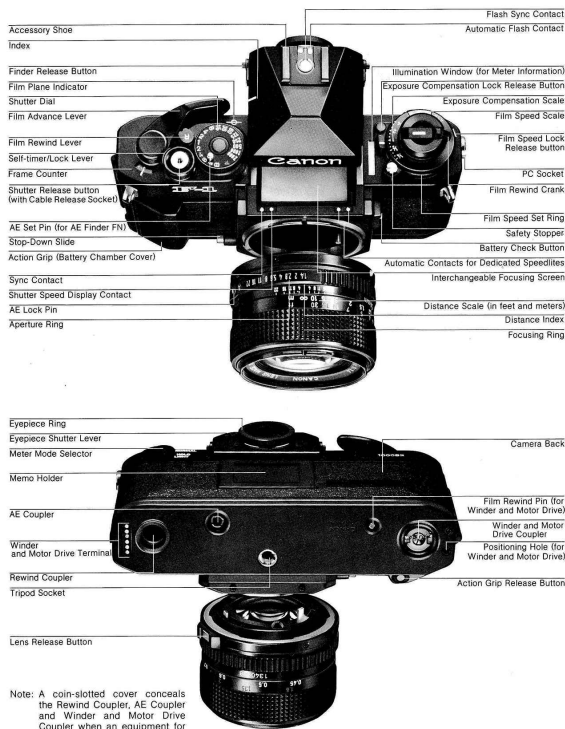
Flash Heads: Two flash heads with switch functions to use only one at a time, if desired. Removable wide adapters for light diffusion effects. Flash swivel feature to rotate the flash unit in a 90° arc counterclockwise (as seen from back of camera) or a 45° arc clockwise, for changing the direction of illumination.

Body Dimension and Weight:

Flash Unit: 131(W) x 39.7(D) x 99.0(H)mm (5.2" x 1.6" x 3.9") 170g (6 oz.)

Control Unit: 50(W) x 59(D) x 38.6(H)mm (2" x 2.2" x 1.5") 70g (2.5 oz.)

Battery Case (w/8 AA batteries): 77.4 (W) x 35.6(D) x 162(H)mm (3" x 1.4" x 6.4") 580g (19.8 oz.)



Note: A coin-slotted cover conceals the Rewind Coupler, AE Coupler and Winder and Motor Drive Coupler when an equipment for motorized photography is not attached to the camera.