

DEDICATED SPEEDLITES

C50-0391

Speedlite 577G Set

Speedlite 577G Set

(Consists of Speedlite 577G, Sensor Unit G-20, One-Touch Bracket G, Wide Adaptor 577G-24)

The Canon Speedlite 577G is an extremely powerful handle-mount flash unit with external power supply designed expressly for professional use. Engineered to function with Canon SLR cameras and other cameras having direct contact accessory shoes or standard PC terminals, the 577G is an advanced thyristorized system flash featuring three automatic flash ranges plus automatic bounce flash and a high Guide Number of 157 with ISO/ASA100 film. A remote flash sensor mounts on the camera's accessory shoe to provide accurate automatic exposure control regardless of the position or bounce angle of the flash, even when it is used off-camera or aimed away from the subject, eg: into a flash umbrella, etc.

The Transistor Pack G portable power supply can be loaded either with a battery magazine containing six (6) "C" size Alkaline batteries or with the Canon Ni-Cd Pack TP self-contained Ni-Cd battery system.



SPECIFICATIONS

Type: Thyristorized computer flash w/series control system

Attachment: Canon One-Touch Bracket

Synchronization: Through separate sensor unit mounted on camera's direct contact shoe or with sychro cord

Guide Numbers: (ISO/ASA 100, feet): Normal -157

92 with Wide Adaptor 577G-24

79 with Wide Adaptor 577G-20

207 with Tele Adaptor 577G

Flash Coverage: For 35mm format covers angle of view of 35mm lens without adaptors

24mm lens with Wide Adaptor 577G-24

20mm lens with Wide Adaptor 577G-20

100mm lens with Tele Adaptor 577G

Recycling Time: With Alkaline-Manganese batteries: approximately 18 seconds
With NiCd batteries: approximately 7 seconds

Number of Flashes: Alkaline-Manganese batteries: 100-1000 allowing 30 seconds between flashes
NiCd batteries: 75-750 allowing 30 seconds between flashes

Color Temperature: Same as Daylight

Flash Duration: 1/400th-1/50,000th second

Flash Control System: Automatic flash sensor measures light reflected back from subject and cuts output when sufficient illumination is sensed

Metering Sensitivity pattern: Average measurement

Auto Flash Ranges: Three different flash ranges are provided for flexibility and control of depth-of-field

Auto Apertures: (ISO/ASA 100): Red-f2.8

Green-f5.6

Yellow-f11

Dimensions: 2⁷/₈ x 4¹/₄ x 9⁵/₈ inches

Weight: 21³/₁₆ ounces

DEDICATED SPEEDLITES

C50-0381

Speedlite 533G Set

Speedlite 533G Set

(Consists of Speedlite 533G, Sensor Unit G-20, One-Touch Bracket G, Wide Adaptor 533G-24, Battery Magazine 533G)

The Canon Speedlite 533G is a high-powered, professional type, handle-mount flash unit designed to function with Canon SLR cameras or any cameras having direct contact accessory shoes or standard PC terminals. The 533G is an advanced thyristorized system flash featuring three automatic flash ranges plus automatic bounce flash, and a high Guide Number of 118 with ISO/ASA100 film. A remote flash sensor mounts on the camera's accessory shoe to provide accurate automatic exposure control regardless of the position or bounce angle of the flash, even when it is used off-camera or aimed away from the subject, eg: into a flash umbrella, etc. Up to 1,200 flashes may be obtained when using six (6) "AA" size alkaline batteries in a handle-mounted magazine. Ni-Cd batteries may also be used in the magazine, and an optional Transistor Pack G separate power supply is available to hold six (6) "C" sized alkaline or Ni-Cd batteries.



SPECIFICATIONS

Type: Thyristorized computer flash w/series control system

Attachment: Canon One-Touch Bracket

Synchronization: Through separate sensor unit mounted on camera's direct contact shoe or with sychro cord

Guide Numbers: (ISO/ASA 100, feet): Normal -118

72 with Wide Adaptor 533G-24

59 with Wide Adaptor 533G-20

167 with Tele Adaptor 533G

Flash Coverage: For 35mm format, covers angle of view of 35mm lens without adaptors

24mm lens with Wide Adaptor 533G-24

20mm lens with Wide Adaptor 533G-20

100mm lens with Tele Adaptor 533G

Recycling Time: With Alkaline-Manganese batteries: approximately 10 seconds
With NiCd batteries: approximately 5.5 seconds

Number of Flashes: Alkaline-Manganese batteries: 120-1200 allowing 30 seconds between flashes

NiCd batteries: 55-555 allowing 30 seconds between flashes

Color Temperature: Same as Daylight

Flash Duration: 1/800th-1/50,000th second

Flash Control System: Automatic flash sensor measures light reflected back from subject and cuts output when sufficient illumination is sensed

Metering Sensitivity pattern: Average measurement

Auto Flash Ranges: Three different flash ranges are provided for flexibility and control of depth-of-field

Auto Apertures: (ISO/ASA 100): Red-f2.8

Green-f5.6

Yellow-f11

Dimensions: 3-11/16 x 4 1/8 x 9 3/4 inches

Weight: w/o batteries: 23 3/8 ounces

Automatic Flash Systems for SLR Cameras



* † **C50-1491**
Sensor Unit G-20—automatic sensor mounts on direct contact shoe of camera



* † **C50-1501**
One-Touch Bracket G—mounts 533G and 577G to camera w/quick-release feature for off-camera use



* **C50-1543**
Wide Adaptor 577G-24—increases flash coverage to that of 24mm lens



† **C50-1541**
Wide Adaptor 533G-24—increases flash coverage to that of 24mm lens



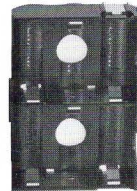
† **C50-1561**
Battery Magazine 533G—holds six(6) "AA" batteries for use in the Canon Speedlite 533G's grip.



C50-1492
Sensor Unit G-100—same as G-20 but with long coiled cord for off-camera use



C50-1521-311 / C50-1521-221
Transistor Pack G—available with either Battery Magazine TP for six (6) "C" sized Alkaline batteries or with Canon Ni-Cd Pack TP



C50-1571
Battery Magazine TP—holds six (6) "C" cells for Transistor Pack G



C50-1581
Ni-Cd Pack TP—self-contained Ni-Cd battery system for use in Transistor Pack G



C50-1557
Ni-Cd Charger TP—charger for Ni-Cd Pack TP—uses 110v. A.C.



C50-1544
Wide Adaptor 577G-20—increases flash coverage to that of 20mm lens



C50-1542
Wide Adaptor 533G-20—increases flash coverage to that of 20mm lens



C50-1546
Tele Adaptor 577G—concentrates light to cover area of 100mm lens



C50-1545
Tele Adaptor 533G—concentrates light to cover area of 100mm lens



C50-1547
Adaptor G for Motor Drive MF—allows One-Touch Bracket G to be mounted when Motor Drive MF system is attached to F-1 camera



C50-1591
Flash Coupler F—provides mount for Sensor Units G-20 or G-100 on F-1

*Included in basic 577G set.
 †Included in basic 533G set.

DEDICATED SPEEDLITES

C50-0321

Speedlite 199A Set

Speedlite 199A Set

(Consists of Speedlite 199A, case and wide adapter)

The Canon Speedlite 199A is a dedicated, thyristorized flash unit designed for operation with Canon "A" Series cameras. The Speedlite 199A features a high Guide Number of 100 with ISO/ASA 100 film, three automatic flash ranges plus Manual and automatic bounce flash capability. The most powerful shoe-mount Speedlite in the Canon line, the 199A is recommended for use with the Canon A-1 or any "A" Series camera with motor drive or Power Winder A due to its high power and very rapid recycling time.



SPECIFICATIONS

Type: High-powered shoe-mount flash; automatic, thyristor type
Guide Number: (ISO/ASA 100, feet), 60 w/wide adaptor
Recycling Time: 10 seconds with Alkaline-Manganese batteries
6 seconds w/NiCd batteries
Number of Flashes: 100-1000 w/Alkaline-Manganese batteries
50-500 w/NiCd batteries
Auto Flash Ranges: 3
Auto Apertures: (ISO/ASA 100)
Red-f2.8
Green-f5.6
Yellow-f11
Bounce: Yes
Flash Coverage: For 35mm format, covers angle of view of 35mm lens; covers 24mm w/adaptor
Color Temperature: Daylight
Power Source: 4 "AA" size Alkaline or NiCd batteries
Dimensions: 3¹/₈ x 3¹/₄ x 4¹/₂ inches
Weight: 1 lb., 1¹/₁₆ oz.

C50-0411

Speedlite 188A Set

Speedlite 188A Set

(Consists of Speedlite 188A, case and wide adapter)

With a powerful guide number of 82 (ISO/ASA 100 film), the Speedlite 188A can handle just about any lighting situation. Its features include two aperture selection, coverage of 28mm lens with the Wide Adapter (35mm lens without adapter) and energy-saving thyristor circuitry. In addition, with the AE-1 PROGRAM, it displays exposure data in the finder as well as a checklight to indicate proper flash exposure.



SPECIFICATIONS

Type: Shoe-mount flash; automatic, thyristor type
Guide Numbers: (ISO/ASA 100, feet), 82, 52 w/wide adaptor
Recycling Time: 8 seconds w/Alkaline-Manganese batteries,
6 seconds w/NiCd batteries
Number of Flashes: 200 or more with Alkaline-Manganese batteries, 70 or more with NiCd batteries
Auto Flash Ranges: 2
Auto Apertures: (ISO/ASA 100)
Red-f2.8
Green-f5.6
Flash Coverage: For 35mm format, covers angle of view of 35mm lens; covers 28mm w/adaptor
Color Temperature: Daylight
Power Source: 4 "AA" size Alkaline or NiCd batteries
Dimensions: 2¹/₁₆ x 4⁷/₈ x 2¹/₄ inches
Weight: 10³/₁₆ ounces

DEDICATED SPEEDLITES

C50-0421

Speedlite 166A Set

Speedlite 166A Set
(Consists of Speedlite 166A and case)

The Speedlite 166A is a dedicated Speedlite that provides error-free and pleasing flash results every time. It automatically sets both flash synch speed and shutter speed with the A-1, AE-1 PROGRAM and AE-1 and sets shutter speed for the AL-1 and AV-1. It has a strong guide number of 66 and features two auto aperture ranges.



SPECIFICATIONS

Type: Automatic, shoe mount flash; thyristor type
Guide Number: (ISO/ASA 100, feet) 66
Recycling Time: 7 seconds or less w/Alkaline-Manganese batteries; 5 seconds or less w/NiCd batteries
Number of Flashes: 250 or more w/Alkaline-Manganese batteries; 80 or more w/NiCd batteries
Auto Flash Ranges: 2
Auto Apertures: (ISO/ASA 100)
Red-f2.8
Green-f5.6
Flash Coverage: For 35mm format, covers angle of view of 35mm lens
Color Temperature: Daylight
Power Source: 4 "AA" size Alkaline or NiCd batteries
Dimensions: 2⁵/₈ x 1¹⁵/₁₆ x 3⁷/₈ inches
Weight: 9³/₁₆ oz.

C50-0311

Speedlite 155A Set

Speedlite 155A Set
(Consists of Speedlite 155A and case)

The Canon Speedlite 155A is a compact automatic flash unit featuring two automatic flash ranges plus Manual. It features thyristorized circuitry which provides rapid recycling when the unit is fired at nearby subjects, permitting its use with "A" Series cameras and the Power Winder A for sequence shooting indoors.



SPECIFICATIONS

Type: Automatic, shoe-mount flash; thyristor-type
Guide Numbers: (ISO/ASA 100, feet) 56
Recycling Time: 7 seconds w/Alkaline-Manganese batteries; 5 seconds w/NiCd batteries
Number of Flashes: 300 or more w/Alkaline-Manganese batteries; 90 or more w/NiCd batteries
Auto Flash Ranges: 2
Auto Apertures: (ISO/ASA 100)
Red-f2.8
Green-f5.6
Bounce: No
Flash Coverage: For 35mm format, covers angle of view of 35mm lens
Color Temperature: Daylight
Power Source: 4 "AA" size Alkaline or NiCd batteries
Dimensions: 2³/₄ x 2 x 4¹/₈ inches
Weight: 10⁹/₁₆ oz.

DEDICATED SPEEDLITES

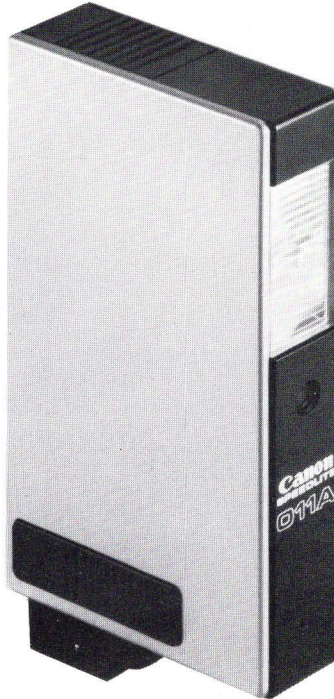
050-0441

Speedlite 011A

Speedlite 011A

(Consists of Speedlite 011A and case)

Extraordinarily lightweight and compact (about the size of an audio cassette), the Canon Speedlite 011A is ideal for travel or as a back-up flash. The user simply selects either ISO/ASA 100 or ISO/ASA 400 for automatic exposure at f4.0. The dedicated flash system sets both shutter speed and aperture depending on the "A" Series or New F-1 camera used.



SPECIFICATIONS

Type: Automatic, shoe-mount flash; thyristor-type

Guide Numbers: (ISO/ASA 100, feet) 46

Maximum Recycling Time: 9 seconds w/Alkaline-Manganese batteries
6 seconds w/NiCd batteries

Number of Flashes: 150 or more w/Alkaline-Manganese batteries
70 or more w/NiCd batteries

Auto Flash Range: f4.0 with either ISO/ASA 100 or ISO/ASA 400 film

Bounce: No

Flash Coverage: For 35mm format, covers angle of view of 35mm lens

Color Temperature: Daylight

Power Source: 2 "AA" size Alkaline or NiCd batteries

Dimensions: 3/4 x 4 1/2 x 2 9/10 inches

Weight: 3 2/5 oz. w/o batteries

C50-0431

Speedlite 244T

Speedlite 244T Set

(Consists of Speedlite 244T and case)

Designed exclusively for the Canon T50, the Speedlite 244T makes fully-automatic, programmed flash photography a reality. It has just two controls: an on/off switch and film speed selector (ISO/ASA 100, ISO/ASA 400). When the flash is charged (indicated by a "⚡" in the finder), slightly depress the camera's shutter release button and the programmed infrared flash element fires a low-intensity beam. The light received from the infrared preflash is detected by a sensor and the unit is programmed to automatically set the lens aperture to f2.8, f4.0, or f5.6, depending on flash-to-subject distance and reflectivity. The unit also automatically sets the Canon T50 to 1/60th second shutter speed for automatic flash synchronization.



SPECIFICATIONS:

Type: Programmed automatic shoe-mount flash with pre-flash infrared element; thyristor type

Guide Number: (ISO/ASA 100, feet) 56

Recycling Time: 9 seconds or less w/Alkaline-Manganese batteries;
6 seconds or less w/NiCd batteries

Number of Flashes: 150 or more with Alkaline-Manganese batteries; 60 or more with NiCd batteries.

Auto Flash Ranges: 3, programmed to provide optimum exposure within auto shooting distance range

Auto Apertures: f5.6, f4.0 or f2.8 depending on flash-to-subject distance

Flash Coverage: For 35mm format, covers angle of view of 35mm lens

Color Temperature: Daylight

Power Source: 2 "AA" size Alkaline or NiCd batteries

Dimensions: 2 1/2 x 3 3/8 x 1 5/8 inches

Weight: 4 15/16 oz.

DEDICATED SPEEDLITES

C50-0301

Macrolite ML-1 Set

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.



SPECIFICATIONS

Construction: three-part construction, consisting of Flash Unit (two lamps); Control Unit (equipped w/pilot lamp and flash confidence lamp; mounts on accessory shoe), and Power Source section

Guide Numbers: (ISO/ASA 100, feet) 53; w/Wide Adapter ML-1, 31

Usable Lenses:

Canon FD 80-200mm f4.0 zoom

Canon FD 50mm f3.5 Macro

Canon FD 100mm f4.0 Macro

Pilot Lamp: (red) lights up when unit is ready to shoot; blinks to indicate full charge; doubles as flash "TEST" button

Confidence Lamp: (green) lights up for approximately two seconds when sufficient light has reached subject for proper automatic exposure

Synchronization: X sync. unit usable with cameras equipped with hot shoe only.

Power Source: 8 "AA" alkaline-manganese or NiCd batteries

Subject to change without notice.

SG4-A7

DEDICATED SPEEDLITES

C50-0361-211

Speedlite 177A Set

Speedlite 177A Set

(Consists of Speedlite 177A, case and wide adapter)

The Canon Speedlite 177A is a powerful, compact automatic shoe-mount flash unit with energy-saving thyristor circuitry. Its high Guide Number of 82 with ISO/ASA 100 film and rapid recycling make it an excellent match for any "A" Series camera, especially with Power Winder A due to its very rapid recycling time.



SPECIFICATIONS

Type: High-powered shoe-mount flash; automatic, thyristor type
Guide Numbers: (ISO/ASA 100, feet) 82, 52 w/wide adaptor
Recycling Time: 8 seconds w/Alkaline-Manganese batteries
6 seconds w/NiCd batteries
Number of Flashes: 200 or more w/Alkaline-Manganese batteries
70 or more w/NiCd batteries
Auto Flash Ranges: 2
Auto Apertures: (ISO/ASA 100)
Red-f2.8
Green-f5.6
Bounce: No
Flash Coverage: For 35mm format, covers angle of view of 35mm lens; covers 28mm w/adaptors
Color Temperature: Daylight
Power Source: 4 "AA" size Alkaline or NiCd batteries
Dimensions: 2³/₁₆ x 2⁵/₁₆ x 4³/₁₆ inches
Weight: 10⁵/₁₆ ozs.

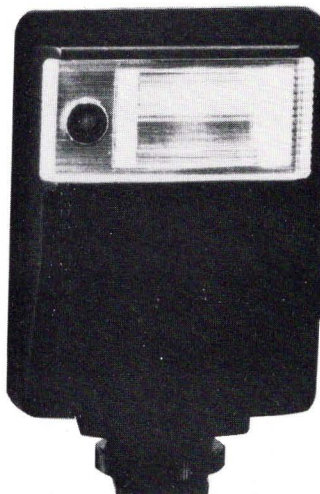
C50-0371-201

Speedlite 133A Set

Speedlite 133A Set

(Consists of Speedlite 133A and case)

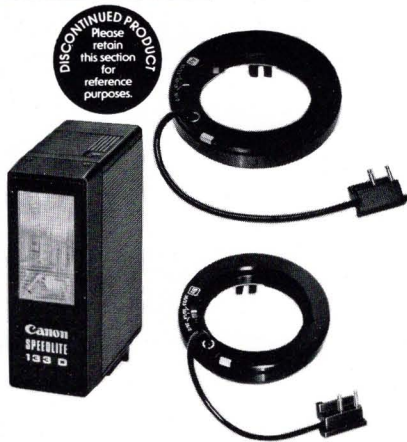
The Canon Speedlite 133A is an extremely compact, lightweight automatic flash unit featuring two automatic flash ranges and thyristorized circuitry for long battery life. Weighing just over seven ounces, the 133A can be carried along anywhere!



SPECIFICATIONS

Type: Automatic, shoe-mount flash; thyristor-type
Guide Number: (ISO/ASA 100, feet) 52
Recycling Time: 9 seconds w/Alkaline-Manganese batteries
6 seconds w/NiCd batteries
Number of Flashes: 100 or more w/Alkaline-Manganese batteries
70 or more w/NiCd batteries
Auto Flash Ranges: 2
Auto Apertures: (ISO/ASA 100) Green-4 (ISO/ASA 80, 100)
Orange-4 (ISO/ASA 400)
Bounce: No
Flash Coverage: For 35mm format, covers angle of view of 35mm lens
Color Temperature: Daylight
Power Source: 2 "AA" size Alkaline or NiCd batteries
Dimensions: 2⁷/₁₆ x 1⁷/₁₆ x 3³/₄ inches
Weight: 7¹/₁₆ oz.

Automatic Flash Systems for SLR Cameras



5-00271-31
Speedlite 133D w/Flash Auto Ring A2
 (for FD 50mm f1.8 S.C., FD 35mm f3.5 S.C., FD 35mm f2 S.S.C.)

5-00271-32
Speedlite 133D w/Flash Auto Ring B2
 (for FD 50mm f1.4 S.S.C., FD 35mm f3.5 S.C., FD 35mm f2 S.S.C.)

5-02124-00
Flash Auto Ring A2
 (for FD 50mm f1.8 S.C., FD 35mm f3.5 S.C., FD 35mm f2 S.S.C.)

5-02125-00
Flash Auto Ring B2
 (for FD 50mm f1.4 S.S.C., FD 35mm f3.5 S.C., FD 35mm f2 S.S.C.)

The Canon Speedlite 133D is a special, automatic flash unit designed for use with old Canon F-1, EF and FTb camera models and certain lenses comprising the Canon Auto Tuning (CAT) system for flash photography. By attaching the appropriate Flash Auto Ring (A2 or B2) to the camera lens, camera-to-subject distance as measured by the focusing ring is transmitted to the meter needle of the camera and proper lens aperture is selected in the same manner as in daylight photography.

KEY FEATURES:

- Canon Auto Tuning (CAT) System provides exposure information comparable to daylight shooting situations
- "CAT" system uses actual flash-to-subject distance for exposure determination and cannot be fooled by very light objects in foreground or dark background areas

SPECIFICATIONS:

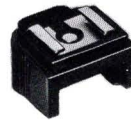
- Type:** Direct-coupled, clip-on type CAT System
- Guide Number:** 18 meters (60 feet) at ISO/ASA 100. For both monochrome and color
- Color Temperature:** 6000°K. Correction with green filter
- Flash Beam Angle:** 55° vertical and horizontal
- Flashing Intervals:** When using new batteries:
- Manganese battery:** Approx. 7 seconds
 - Alkaline battery:** Approx. 5 seconds
- Flashing Time:** 1/1000 sec.
- Number of Flashing:**
- Manganese battery:** Approx. 80 times
 - Alkaline battery:** Approx. 300 times

Power Source: 4 penlight batteries
Pilot Lamp: Built in. Commonly used for battery checking button
Contacts: Direct coupled type synchronizing contact, automatic flash control contact, socket for connecting to Flash-Auto Ring
Size: 90 x 74 x 35mm
Weight: 170g



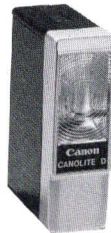
5-02131-01 Flash Coupler L

The Flash Coupler L is for using the CAT system with the old F-1. It incorporates an accessory shoe, and has a unique, built-in light for illuminating exposure information. It also has a built-in flash hot shoe for use with conventional flash units.



5-02111-00 Flash Coupler D

The Flash Coupler D is a simple accessory which accepts conventional hot shoe electronic or standard flash accessories. Only for use with the old F-1 camera.



5-00242-20 Canolite D

The Canolite D permits completely automatic flash photography with the Canonet G-III 17 or Canonet 28. The user simply connects the unit, focuses and shoots. If the meter needle is outside the camera's metering range, the camera-to-subject distance should be altered.



5-00291-20 Canolite ED

The Canolite ED is an automatic electronic flash unit designed for use with the Canon Datematic or the Canon 110 cameras. To use it, the photographer simply mounts the unit, focuses and takes the picture with perfect flash results every time.