

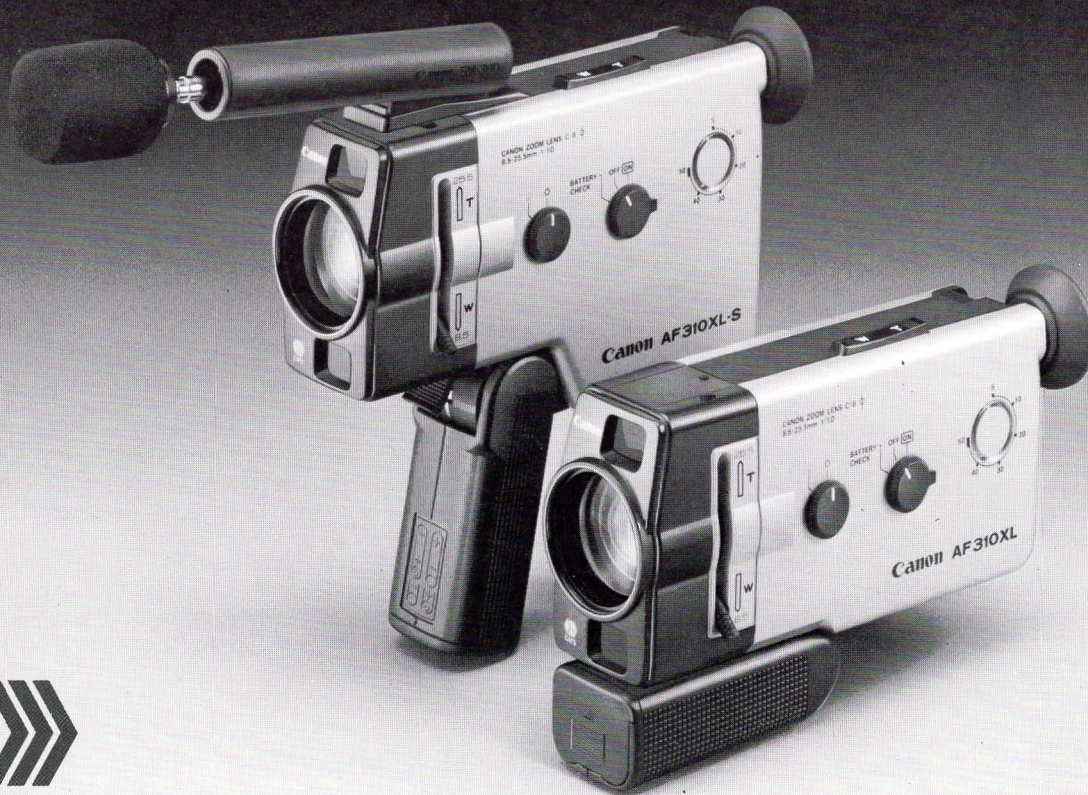
CODE NO.
C-33-2401

ITEM
Canon AF310XL-S
w/lens 8.5-25.5 mm
f/1.0, with Lens Cap
C-43, Boom Micro-
phone BM30D, Neck
Strap 13, Soft Case
AF310.

Canon AF310XL-S AF310XL

C-33-2411 Canon AF310XL
w/lens 8.5-25.5 mm
f/1.0, with Eyecup,
Lens Cap C-43, Neck
Strap 13, Soft Case
AF310.

Autofocus movies the easy way.



Specifications

Type: AF310XL-S: Autofocus Super 8 for sound or silent XL filming.
AF310XL: Autofocus Super 8 for silent XL filming.

Picture Size: 5.8 × 4.2 mm

Lens: f/1.0, 8.5-25.5 mm (3:1 zoom ratio), 13 elements in 11 groups, spectra-coated. Filter thread size: 43 mm.

Focusing: 'Active' autofocus system using infrared. Measuring method: One shot memory focusing, i.e. the first instance the subject is focused on, the camera stays locked at that distance.

Autofocus Shooting Range: 1.2 m (4 ft.) to infinity (∞).

Zooming: Power zooming. Manual zooming also possible.

Viewfinder: Through-the-lens reflex viewfinder (aerial image).

Viewfinder Information: Underexposure warning/battery check LED; recording level (AF310XL-S); film transport indicator.

Light Metering System: Through-the-lens EE with CdS photocell. Fully-automatic. Coupled to ASA film speed and single filming speed of 18 fps.

Metering Range: For tungsten type, from ASA 160, f/1.0, 18 fps (CCA filter removed) to ASA 25, f/45, 18 fps (CCA filter in place)

Film Speed: Automatically set. 'A' type: ASA 40 and 160. Daylight: ASA 25 and 100.

CCA Filter: Built-in, with a switch for removal. Switched to ☀ or ☾ manually.

Shutter Opening Angle: Fixed at 217° for XL filming.

Footage Counter: Shows exposed footage and automatically returns to "S" upon cartridge removal.

Battery Life: About five cartridges, either sound or silent.

Sound Recording System (AF310XL-S): Magnetic stripe sound recording (single system) with Super 8 cartridge.

Recording Level Adjustment (AF310XL-S): Built-in automatic level control (ALC).

Microphone Input (AF310XL-S): Microphone hot shoe for the exclusive boom microphone BM 30D on camera top. Power supplied from camera. Microphone terminal: ϕ 3.5 mm mini jack at the side of the camera for alternative microphone.

Grip: Collapsible; serves as battery compartment.

Power Source: Four (for AF310XL-S) and three (for AF310XL) AA size batteries. Ni-Cd batteries usable.

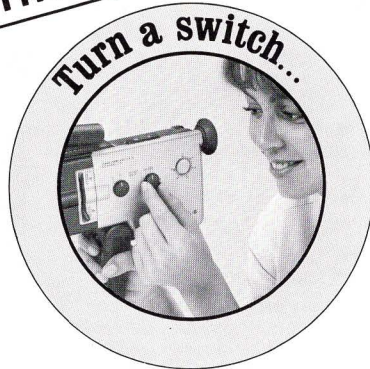
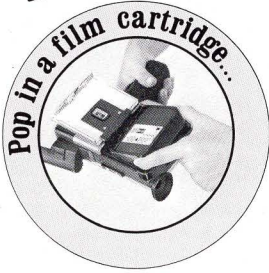
Dimensions: AF310XL-S: 179.5 (W) × 118.5 (H) × 47 mm (D); (7-1/16 × 4-5/8 × 1-7/8"). AF310XL: 179.5 (W) × 114.5 (H) × 47 mm (D); (7-1/16 × 4-1/2 × 1-7/8").

Weight: AF310XL-S: 820 g (1 lb. 13 oz.) without batteries and excluding BM 30D. BM 30D: 65 g (2.3 oz.)

AF310XL: 590 g (1 lb. 5 oz.) without batteries.

Subject to change without notice.

1-2-3 filming ease!



Super 8 movie-making has come a long way since the first bulky models appeared on the market almost two decades ago. Proof positive of this are these two new Canon compacts. The AF310XL-S and its silent twin, the AF310XL, combine unparalleled portability and operation ease with several sophisticated features. These include the world's fastest (f/1.0) autofocus zoom lens.

Autofocus system that sees in the dark

The AF310XL-S/AF310XL employ Canon's Active Autofocus System. The instant you press the shutter lever, the lens starts forward and backward movement. Coupled with this lens movement, an invisible beam of infrared light flies out from a window above the lens and sweeps the plane as if in search of a subject. The light reflects off the subject back to the camera, re-entering through an identical window below the lens. The camera computes the distance to the subject by "triangulation", automatically stopping the lens movement for sharply focused pictures. The lens movement comes to a stop at the same time focusing is completed. The entire process takes only about half a second. The system works as effectively in a dimly lit disco as outdoors in bright sunshine.

Prefocus for special situations

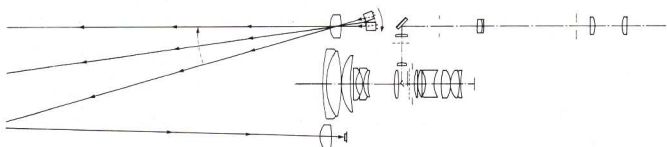
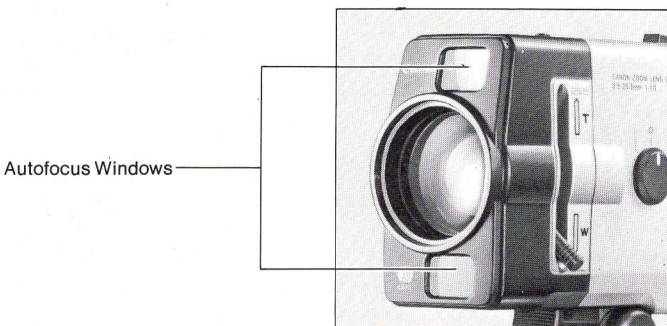
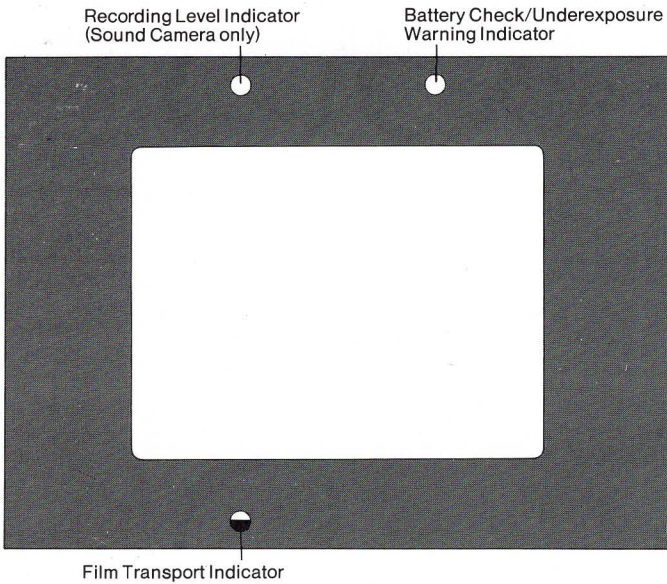
The AF310XL-S/AF310XL take care of the troublesome task of focusing for you. In fact, in most cases, all that you need to do to obtain sharp results is aim at your subject and shoot. However, the user is by no means limited to this one, subject-in-the-center format. The subject can be positioned anywhere in the field of view by using the prefocus feature. In this case, point the camera at the subject in the usual way and gently press the shutter lever to lock the focus. Re-compose your picture and squeeze the shutter lever fully to start filming.

Two-stage shutter release lever

Exposure and sound level (AF310XL-S) are measured at the first stroke of the shutter lever. This also activates the autofocus system. In the viewfinder, bright LEDs tell you whether there is sufficient light for filming and the recording level. Press the lever fully to start filming. Film transport is also indicated in the finder.

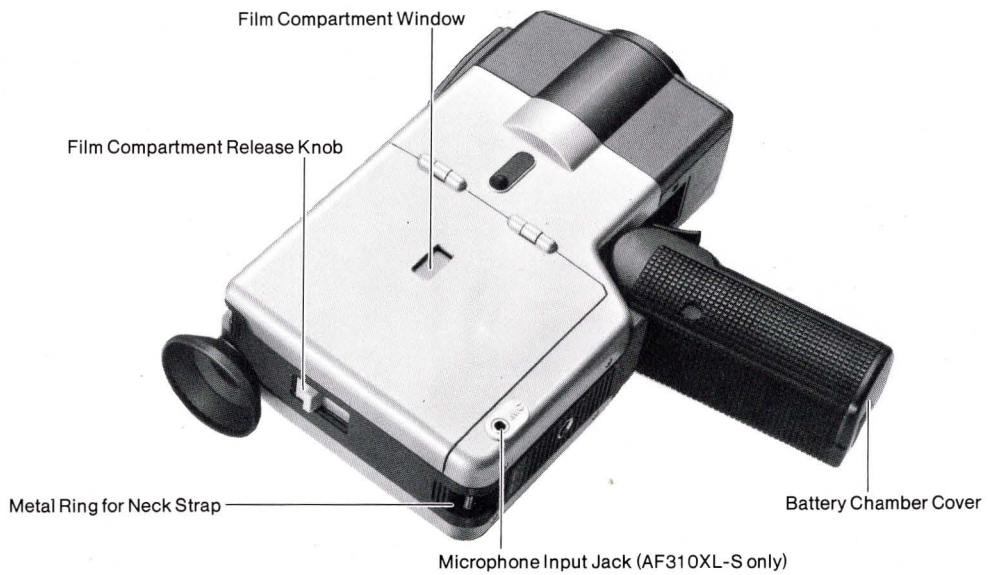
Fastest (f/1.0) autofocus zoom lens

The f/1.0 maximum aperture lens is another big feature. The fastest lens of any autofocus movie camera, it allows you to shoot in the darkest conditions. Further boosting its XL capability is its wide 217° shutter opening angle. The 13 element, 11 group lens is Spectra Coated (S.C.). Sharpness and color balance are outstanding, yielding superb flare-free images even at full aperture.



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NOMENCLATURE



SELLING POINTS

Versatile 3X power and manual zoom

The AF310XL-S/AF310XL offer a choice of either manual or power zooming. A gentle press of the rocker switch on top of the camera during filming lets you zoom smoothly throughout the 8.5 mm—25.5 mm variable focal length. The power switch is clearly marked W (wide) and T (telephoto), as is the manual zoom lever which is conveniently located for left-handed operation. Manual zoom is ideal for precise framing of the scene.

A delight to carry and use

With their functional, streamlined design, the AF310XL-S/AF310XL look—and are—reassuringly easy to operate. For maximum operation simplicity, they feature the minimum necessary controls. And they are remarkably compact and light. Their collapsible grip, which also houses the batteries, locks into place when extended and tucks up conveniently for carrying.

Convenient neck/Shoulder strap

Supplied with both models is a convenient neck/shoulder strap. It can be attached either to the carrying case or the camera itself.

Sensitive Boom Microphone BM 30D

The unidirectional condenser microphone BM 30D (standard accessory) attaches to the accessory hot shoe on top of the AF310XL-S. To avoid picking up camera motor noise, it is extendable. The microphone attaches in the reverse direction on top of the camera body for carrying convenience.

Main switch/Battery check

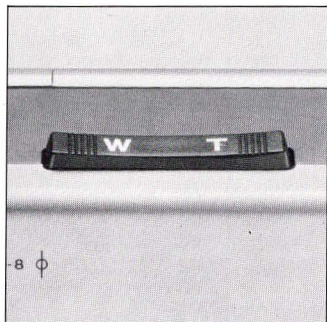
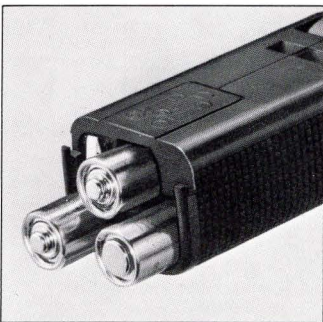
Turn the main switch to ON before starting filming. The switch can also be used to check the battery. If power is insufficient, a red LED lights up in the viewfinder.

CCA filter switch

To ensure natural colors with tungsten film, the AF310XL-S/AF310XL have a built-in CCA filter. A two-position switch allows use of type A tungsten film and type G film.

Low power consumption

Both models use less power—which means longer shooting between battery changes. The silent AF310XL operates on just three 1.5V AA-size batteries. The AF310XL-S requires four of these batteries to film and record the action. For filming in very low temperatures, alkaline (LR6) and Ni-Cd AA-size batteries are recommended.



ACCESSORIES

CODE. NO.	DESCRIPTION
CG3-0012	Lens Cap C-43
C46-1141	Soft Case AF310
C56-1251	Neck Strap 13
C53-9441	Boom Microphone BM 30D
C53-9361	Dynamic Microphone DM 40R
C53-9362	Electret Condenser Mike CM 100
C53-9302	Microphone Extension Cord E450Y