

CODE NO.
C33-1801-221

ITEM
Canon 514XL-S w/lens 9-45mm f/1.4
hood and Dynamic Microphone DM30R,
Earphone E, Remote Switch 60 in case

Canon 514XL-S CANOSOUND

Quality in Super 8 Sound!



SPECIFICATIONS

- **Type:** Super 8 SLR for sound and silent XL filming
- **Picture Size:** 5.4x4.0mm
- **Lens:** 9-45mm f/1.4 with 5:1 zoom ratio; inner diameter 43mm, cap size 45mm; Spectra Coating; built-in macrophotography mechanism; 13 elements in 11 groups
- **Viewfinder:** single-lens reflex type, combined with split-image type rangefinder; information includes aperture scale, under- / over-exposure warning marks; battery check lamp, film transport indicator, film end warning lamp and recording level indicator, dioptic adjustment -4 to +2 diopters, with eyecup
- **EE Mechanism:** automatic exposure mechanism coupled to film speed and filming speed; through-the-lens EE with CdS photocell
- **Light Measuring Range:** from ASA 250, f/1.4, 18fps to ASA 25, f/32, 24 fps; coupled to single frame
- **Film Speed:** automatically set by inserting film cartridge; artificial light type; ASA 40, 160, 250; daylight type: ASA 25, 100, 160
- **CCA Filter:** Color Conversion A(CCA) filter built-in for using artificial light type film in daylight; cancelled by inserting daylight type film cartridge; manual cancellation is also possible by switch on camera body
- **Filming Speed:** 18 and 24 fps (with both silent and sound cartridges) and single frame (silent cartridges only)
- **Angle of Shutter Opening:** 220°
- **Manual Aperture Control:** exposure value is fixed by EE lock lever
- **Power System:** six 1.5V penlight (AA) batteries power film drive system, power zooming, exposure metering and recording level control
- **Running Ability:** under normal temperature conditions, more than 10 cartridges
- **Footage Counter:** automatically returns to S when cartridge is removed, counts footage of exposed film
- **Switch Dial:** positions for "OFF", "R" (Running), "RL" (Running Lock) and "1" (single frame shooting)
- **Shutter Release Mechanism:** electromagnetic release system; remote control is also possible
- **Macro Shooting System:** macrophotography is possible using zooming lever in either wide-angle or telephoto end of zoom range
- **Battery Checker:** LED lamp lights in the viewfinder to confirm battery power when the battery check button is pressed
- **Cue Light:** red LED lights on the lower right front of camera while filming
- **Recording Level:** built-in ALC (Automatic Level Control) to adjust input sensitivity; sound fading possible
- **Input Monitor:** by the LED level indicator lamp in the viewfinder and/or earphone
- **Aux. Input:** possible with connecting cord
- **Microphone Control:** microphone with remote control can be used
- **Microphone:** impedance 500Ω, input sensitivity -78dB (0 dB = 1V/μBAR 1KHz)
- **Earphone:** impedance 8Ω
- **Tone Select Switch:** Soft/Clear (two setting positions)
- **Inputs:** Microphone/Aux. input jack; 3.5 φ, Remote Control jack; 2.5 φ
- **Outputs:** Earphone jack; 3.5 φ
- **Remote Control:** with remote control switch for silent filming and microphone switch for sound filming
- **External Power:** 9V DC with External Power Pack
- **Size:** 210x136x64mm (8¼"x5¾"x2½") (less grip, hood and eyecup)
- **Weight:** 1.4Kg (3 lb.) (less batteries)

SELLING POINTS



Remote Control/Single Frame Shooting Jack
When the microphone is connected into the remote control and auxiliary input jacks, it can serve also as a remote switch. Simply set the main switch in its "RL" position and use the microphone switch to activate filming.

Microphone/Aux Input Jack
The auxiliary input jack is for sound recording from audio sources.

Earphone Jack
Simply plug in the earphone. When you release the lever half way, you can hear just what is being picked up and exactly how it is being recorded.

Tone Select Switch
The "SOFT" position yields a natural effect appropriate for most normal recording. The "CLEAR" position gives sharper, more distinct results when recording many voices at once or when the speaker holds the microphone close to his mouth.

Audio Level Dial
The versatile Audio Level Dial serves as a master control for the input level. This can be used for sound fading effects and to switch to an auxiliary direct source input.



5-times Zooming

SUPERB SOUND SUPERIORITY

- Canon's unique Automatic Level Control (ALC) automatically adjusts the correct sound level, regardless of the intensity or duration of sudden sound peaks. Unlike other less sophisticated ALC circuits, Canon's ALC keeps all sounds in correct perspective, so that loud sounds are heard loud, and soft sounds heard as they sound naturally. The result is an overall sound that is amazingly realistic and balanced.
- When used manually, the 514XL-S's sound level control system is ideal for special effects such as aural fade-ins and fade-outs, making for smooth transitions between scenes.
- The 514XL-S is the only sound Super 8 with a tone control. The "Soft" setting gives a fully-balanced frequency range, while the "Clear" setting filters out the lower frequencies (sounds of motors, background "hum") when they would interfere with accurate recording.
- Almost any external sound source can be put directly on the film sound track with the Auxiliary input, enabling the user to make truly professional motion pictures by using sources such as television, records, tapes and radio broadcasts.
- Thanks to the earphone monitor, the sound can be evaluated exactly as it will be present on the film, for utmost control in any filming situation.
- Remote control filming is easy through the use of a remote on/off switch located right on the microphone. A red LED "Cue" lamp located on the camera just below the lens tells the subject when he's "on."
- Extra-quiet operation is essential for sound filming, and the 514XL-S insures it through the use of special mechanical construction and lubricants which reduce noise to inaudible levels.
- Because the 514XL-S can film at either 18 or 24 fps, it offers professional-quality Super 8 sound in a single-system package. A speed of 24 fps is the professional TV standard for high-quality Super 8 sound filming.

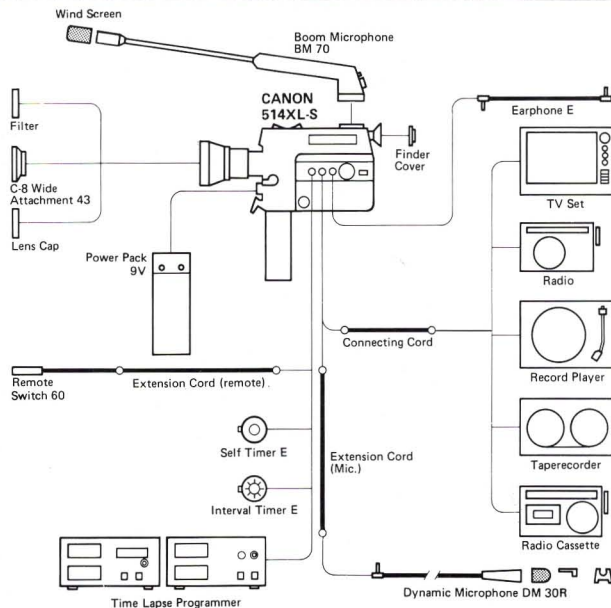
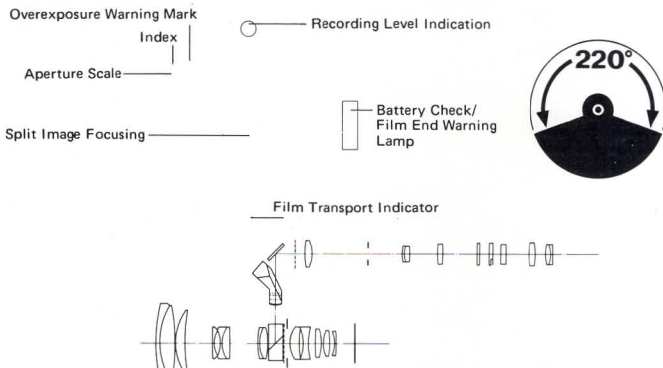
UNPARALLELED OPTICAL CAPABILITY

- The large (f/1.4) maximum aperture and wide (220°) shutter opening of the 514XL-S enable the user to film in even the most dimly lit conditions, giving the photographer more flexibility, naturalness and spontaneity in his films.
- One of the largest zoom ratios (5:1) in the XL field gives the 514XL-S unusual pictorial range, and the option of power or manual zooming enable the photographer to get just the effect he's after.
- The 514XL-S offers the user a choice of built-in macrophotography at either the wide-angle or telephoto end of the zoom range. This is highly useful where (in the case of macrophotography at the telephoto end) extra distance is desired between camera and subject, such as in nature photography.

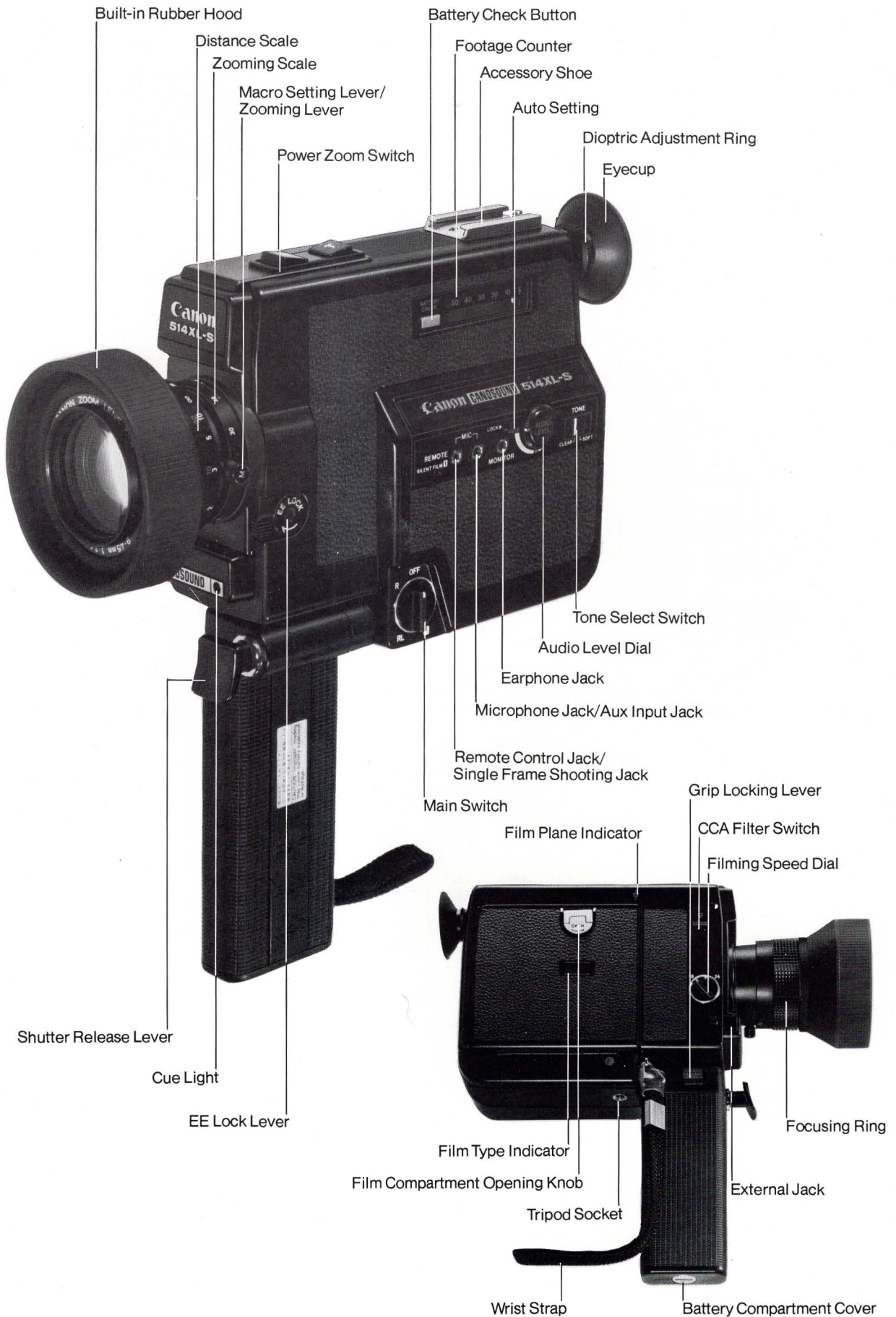
To increase the angle of view in tight quarters or outdoors, an exclusive 5.9mm wide angle attachment is available to add even greater flexibility to the zoom lens.

A COMPLETE SOUND PRODUCTION CENTER IN A COMPACT PACKAGE

- The 514XL-S offers a complete, professional series of accessories for even the most critical Super 8 sound filmmaker. For sound filming, Boom Microphone BM70 leaves both the photographer's hands free to operate camera controls. The Wind Screen eliminates "roar" on breezy days as well as other unwanted noises. Connecting cords for external sources as well as other sound accessories round out the amazing versatility of the super compact 514XL-S.
- Other accessories extend the overall picture of the 514XL-S's versatility for time-lapse photography, remote operation and operation in adverse weather conditions (using the Power Pack 9V).



NOMENCLATURE



ACCESSORIES

CODE NO.	DESCRIPTION
4-20601-20	Copystand 4
C53-9251-001	Dynamic Microphone DM 30 R
5-39211-00	Interval Timer E
5-39241-00	Self Timer E
C54-3681-001	C-8 Wide Attachment Lens 43
C53-9255-211	Boom Microphone BM50 for 514XL-S & 312XL-S
C53-9254-011	Boom Microphone BM70 for 514XL-S & 312XL-S
C53-9301-001	Microphone Extension Cord E450L
C53-9291-001	Connecting Cord C300L
C53-9261-001	Earphone E
C53-9321	Lighting Adapter LA-1 for 514XL-S & 312XL-S
C53-9281-011	Power Pack 9V
5-39111-00	Chest Pod
C46-1001-011	Carrying Case for 514XLS
5-61151-00	Neck Strap 8 w/Pad for Case
33-8622	Lens Cap 45
5-22051-00	Remote Switch 60
34-1351	Finder Cover 6
C58-5351-211	Wireless Controller LC-1 Set including LC-1 Transmitter and LC-1 Receiver (for 1014E, 814XL, 514XL-S, 312XL-S)
C58-5351-001	LC-1 Transmitter
C58-5352	LC-1 Receiver

PLEASE NOTE: For further information on Canon Super 8 accessories, please refer to the last page in this section.