

CODE NO. ITEM
C33-0821-221 Canon 814XL Electronic w/lens
7.5-60mm f/1.4, Remote Switch
60 and Soft Case

Canon

814XL

ELECTRONIC

DISCONTINUED PRODUCT
Please retain
this section
for
reference
purposes.

Zoom into Exciting XL Movies.



Specifications

Type: Super 8 SLR for silent XL filming with circuit and jack for double sound (pulse-sync) system shooting.

Picture Size: 4 x 5.4mm

Lens: 7.5-60mm f/1.4 with 8:1 zoom ratio; inner diameter 58mm, cap size 60mm; Spectra Coating; 18 elements in 13 groups; built-in macrophotography mechanism; built-in collapsible rubber lens hood.

Macro Shooting System: Macrophotography is possible using zooming lever in wide angle end of zooming range. Closest possible shooting distance of 166mm from film plane mark and smallest field of view of 33 x 45mm.

Viewfinder: Single-lens reflex type, combined with split-image type rangefinder.

Viewfinder Information: Includes aperture scale, under-/over-exposure warning marks; film transport indicator and film end warning lamp.

Dioptric Adjustment: -4 to +2 diopters for individual eyesight.

Focusing Adjustment: By turning the front part of the lens barrel.

Distance Scale: ft 4 5 7 10 15 50
m 1.2 1.5 2 3.3 5 10 ∞

Zooming: Power zooming by independent motor and covers the 8:1 zooming range in about 5 seconds. Manual zooming is also possible.

EE Mechanism: Automatic exposure mechanism coupled to film speed and filming speed; through-the-lens EE with CdS photocell.

Exposure Compensation: Two possible backlight compensations of +0.5 and +1.5 F stops. (These numbers are amount of F stops and not multiple exposure factors.)

Manual Exposure Control: Full manual override is possible by using the EE-manual knob.

Light Measuring Range: From ASA 400, f/1.4, 1/40 (220°), 9 fps to ASA 25, f/45 1/45 (150°), instant SLOW MOTION of approx. 36 fps; coupled to single frame shooting.

Film Speed: Automatically set by inserting film cartridge;

Artificial Light Type: ASA 25, 40, 64, 100, 160, 250, 400

Daylight Type: ASA 16, 25, 40, 64, 100, 160, 250

CCA Filter: Color Conversion A (CCA) filter built-in for using artificial light type film in daylight; cancelled by inserting daylight type film cartridge or by attaching a lighting unit; manual cancellation is also possible by using a

1/4" screw.

Filming Speed: Dial positions for 9, 18 fps, and single frame. Separate knob for instant SLOW MOTION (approx. 36 fps).

Angle of Shutter Opening: 220° (effective angle) for XL filming and 150° for regular filming and these two angles are provided with a safety lock and click stop.

Shutter Angle Compensation: Automatic exposure adjustment at 220° and 150°.

Variable Shutter Control: 150° to 0° continuously by turning downward the fading control tensioned with spring. Prompt return to 150° with the release of your hand or fade-in by turning upward the control ring with deliberate speed.

Power System: Four 1.5V penlight (AA) batteries power film drive system, power zooming, and exposure metering.

Running Ability: Under normal temperatures, more than 10 cartridges at 18 fps.

Battery Check: Red LED at the rear of the footage counter lights up to confirm battery power when the battery check button is pressed.

Footage Counter: Automatically returns to "0" when cartridge is removed, counts footage of exposed film.

Frame Counter: Provided next to the footage counter and set by turning a knob. Counts up to 72 frames.

Main Switch: Dial positions for "Off", "R" (Running), and "RL" (Running Lock) on the main switch.

Remote Control: Jack is provided for using the camera with a remote control switch.

Flash Synchronization: Possible at both 220° and 150° shutter angle positions.

Grip: Collapsible with built-in battery compartment.

Recording System: Double sound system for joint use with stereo tape recorders which can manage tape with a pulse track section, adaptable to a pulse-sync system of a pulse every four frame (DIN method). Designated tape recorders to be used for particular connecting cords and adapters. 8-pin DIN jack on the side of the camera body for sync connection.

Dimensions and Weight: 235L (9 1/4") x 118H (4 5/8") x 92.5mmW (3 5/8") when grip and hood folded in. 1,520g (3 lb, 6 oz.) with batteries.

Subject to change without notice.

ACCESSORIES

CODE NO.	DESCRIPTION
5-43233-00	C-8 Close Up Lens 58mm 450
5-43242-00	C-8 Close Up Lens 58mm 240
5-39241-00	Self Timer E
5-39211-00	Interval Timer E
5-22041-01	Remote Switch 3
5-22051-00	Remote Switch 60
5-39111-00	Chest Pod
4-20601-20	Copy Stand 4
33-7553	Finder Cover 5
33-8621	Socket Cover for Filter Cancellation Adaptor for 814XL-E
33-8804	Filter Cancellation Adaptor for 814XL-E
5-81071-00	Extension Cord E1000
C46-0835-011	Soft Case for 814XL-E
49-1002	Lens Cap 60mm (metal) for 814XL-E
5-61151-00	Neck Strap 8 with pad
C41-5507-211	PS-1000 Cine Projector
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.