

CODE NO. ITEM
C33-1901-000 Canon 312XL-S w/lens 8.5 —
25.5mm f/1.2 with hood,
Dynamic Microphone DM30R,
Earphone E, Remote Switch
60 in Case

Canon

312XL-S

CANOSOUND

DISCONTINUED PRODUCT
Please
retain
this section
for
reference
purposes.



Specifications

Type: SLR type Super 8 for sound ("single-system") and silent XL filming.

Lens: f/1.2 (13 elements in 10 groups), 8.5—25.5mm with macrophotography facility at wide angle end. Front thread diameter for 43mm filters and C-8 Wide Attachment 43.

Distance Scale:

ft	4	5	10	30
m	1.2	1.5	2	3
			5	10
				∞

Zooming: Power zooming by electric motor, besides manual zooming.

Zooming Operation: Power zooming during the film driving. Manual zooming before or during actual shooting.

Viewfinder: Single lens reflex aerial image system. Focusing by eye measurement and distance scale on focusing ring.

Viewfinder Information: Recording level, underexposure warning, battery check/film nearing end (about 2 ft before the end) warning red LED lamp, macro mode indication, and film transport indication.

Dioptric Adjustment: —4 to +2 diopter. Built-in eyecup.

EE Mechanism: Through metering window above the main lens with CdS photocell. Exposure control plate for two f/stops compensation in case of backlighted situation and shooting in ultra bright light (with ND-4 filter).

Metering Range: ASA 250, f/1.2, 18 fps to ASA 25, f/45, 18 fps.

Film Speed: Automatically set when cartridge is loaded. Artificial light ASA 40-250. Daylight ASA 25-160.

Color Compensation Adjustment Filter: Built-in CCA filter for correct color balance with tungsten film under daylight with switch on camera body for quick cancellation of filter under artificial light. Filter is automatically cancelled when daylight type film cartridge is inserted.

Shutter Release Mechanism: Electromagnetic release system; remote control is also possible.

Filming Speeds: 18 fps (with both sound and silent cartridges).

Angle of Shutter Opening: 220°

Running Lock: Possible at "RL" position of main switch.

Power Source: Six 1.5V penlight batteries for film drive, power zooming and exposure metering.

Battery Life: Under normal temperature conditions, more than 10 cartridges.

Footage Counter: Needle travels along the scale to indicate footage exposed and returns to S with cartridge removal.

Cue Light: Cue light in front of camera lights up to indicate advancement of film.

Recording Input Levels: Automatic Level Control (ALC) to adjust input of sound to proper recording levels. NORMAL and LOW microphone recording level selections for ordinary ALC recording and recording with reductions in the overall sound volumes to subdue loud background noise.

Sound Input Monitor: Monitoring with recording level indication and with an earphone possible.

Microphone Control: Start/stop of camera possible with on/off switch on a standard microphone.

Auxiliary Input: AUX jack provided separately from a twin jack plug for the microphone to enable sound mixing at fixed ratio by recording from microphone and audio source simultaneously.

Earphone: 8Ω Earphone E.

Earphone Output: Earphone jack, 2.5φ.

Inputs: Microphone/Remote Jack, 3.5φ for audio and 2.5φ for remote control (2.5φ also for Self Timer E attachment). AUX Jack, 3.5φ.

Microphone: Impedance 500Ω (Dynamic Microphone DM30R). Minimum input sensitivity, —78 dB (0 dB=1 V/μ (bar 1kHz).

Microphone Input: Input impedance about 3KΩ. Minimum input sensitivity, —80 dB (0 dBv = 1V).

Aux Input: Impedance more than 200kΩ. Minimum input sensitivity, —20 dBv.

Grip: Collapsible; doubles as battery compartment.

Accessory Shoe: For attaching the Boom Microphones or Lighting Adapter LA-1.

External Power: 5mm coaxial feed plug fitting for an external 9V d.c. supply with Power Pack 9V.

Dimensions and Weight: 210L x 136H x 64mmW (8-1/4" x 5-3/8" x 2-1/2") when grip is folded. Hood and eyecup not included in the measurement. 1.42Kg (3 lbs. 2 oz.) with batteries.

Accessories: Soft Case, Earphone E, Dynamic Microphone DM30R, 43mm Filters, C-8 Wide Attachment Lens 43, Self Timer E, Power Pack 9V, Connecting Cord C300L, Microphone Extension Cord E450L, Boom Microphones BM 70 and BM 50, Lighting Adapter LA-1, Remote Switch 60.

Subject to change without notice.

ACCESSORIES

CODE NO.	DESCRIPTION
33-8622	Lens Cap 45
34-1351	Finder Cover 6
C53-9251-001	Dynamic Microphone DM30R
C53-9261-001	Earphone E
CA3-0241	Rubber Mat
C-46-1003-011	Soft Case
5-61151-00	Neck Strap 8 with Pad
C41-5507-211	Canon PS-1000 Sound Projector
C53-9281-011	Power Pack 9V
C53-9321	Lighting Adapter LA-1 for 514XL-S & 312XL-S
C53-9301-001	Microphone Extension Cord E450L
C53-9291-001	Connecting Cord C300L
C53-9254-011	Canon Boom Microphone BM70
C53-9255-211	Boom Microphone BM 50 for 514XL-S & 312XL-S
5-22041-01	Remote Switch 3
5-22051-00	Remote Switch 60
5-39111-00	Chest Pod
5-39241-00	Self Timer E
C54-3681-001	C-8 Wide Attachment 43
5-81071-00	Extension Cord E1000
C53-9321	Lighting Adapter LA-1
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.