

Beaulieu

1008 XL



XL SUPER 8 SOUND CAMERA

Immediately feel at home with your cine-camera



For the man who designs the world's most sophisticated Super 8 cameras - not according to his own judgement but to that of professionals and of the specialized press of numerous countries - it was a fascinating challenge to turn to another, just as important, aspect of film-making: bringing quality sound-filming within the reach of most amateurs.

Marcel Beaulieu has tried to step into the shoes of those who film for the pleasure of it, and are in constant quest of quality without having any wish to become cine-camera pros or recording technicians. He has attempted to smooth out all the practical difficulties encountered by amateurs, more particularly when beginners, in faithfully recording both picture and sound.

The basic idea behind the design and construction of every detail of the BEAULIEU 1008 XL sound cine-camera is that a camera's primary purpose is to allow any amateur, even if a complete novice, to make successful films, immediately and without difficulty.



- 1 - Accessory shoe
- 2 - Film compartment door
- 3 - Zoom lens
- 4 - Handgrip control button
- 5 - Trigger
- 6 - Power supply switch
- 7 - Handgrip
- 8 - Battery compartment cover

- 9 - Focusing ring
- 10 - Zooming/macro ring
- 11 - Zoom/macro lever
- 12 - Powered zoom button (7 → 45)
- 13 - Powered zoom button (45 → 7)
- 14 - Zooming speed switch
- 15 - Fade control button
- 16 - Power test indicator

- 17 - Power test button
- 18 - Counter scale
- 19 - Viewfinder adjustment ring
- 20 - Filming speed control
- 21 - Backlight control button
- 22 - Viewfinder shutter
- 23 - Cue light
- 24 - Trigger locking button

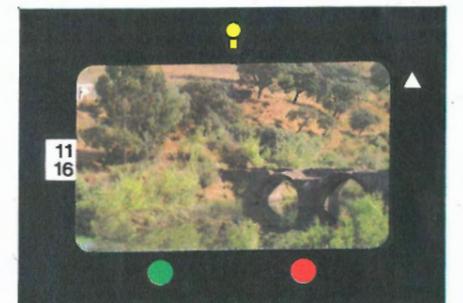
- 25 - Mike/line input socket
- 26 - Sound level switch
- 27 - Flash synchronization socket
- 28 - Earphone socket
- 29 - Remote control socket
- 30 - External power socket
- 31 - Viewfinder cup

First contacts are all-important. Your camera should at once feel like an extension of yourself.



The hand

The hand is quite relaxed. The camera grip rests on the palm, between thumb and forefinger. It points forward at an angle calculated to give you the steadiest hold, with no trace of fatigue. The BEAULIEU 1008 XL is compact, and weighs only 1,775 kg (3 lbs 15 oz).



The eye

The eye chooses the pictures, frames them and is kept permanently informed. The wide viewfinder-indicator tells you whether the picture is in focus, whether exposure is correct, whether you are filming in the automatic or the manual mode, and whether the camera is OK for sound. And it warns you when you only have enough film for 20 more seconds' filming.



The ear

At all times, the ear can monitor the sound recorded by the camera, by means of an earphone.

Take fine pictures, at once

Pin-point focus

The first condition for a film to be good is that the pictures should be sharp. For the 1008 XL, Marcel Beaulieu has chosen a so-called "dichroic" focusing system, with which mistakes are practically impossible. You aim at your subject. If it has blue and orange fringes round it, your picture is out of focus. All you have to do is to rotate the focusing ring

until the fringes disappear. Now you are certain to be in perfect focus - the more so that your BEAULIEU 1008 XL's zoom lens is a high-precision one made up of 16 optical elements. It guarantees perfect pin-point sharpness, at any focal, length, from infinity to the macro setting.

Steady pictures

There is nothing more unbearable, when projecting a film, than pictures that jump about incessantly because of over-enthusiastic use of zooming.

It should be remembered that, in the telephoto setting, a zoom lens such as that of the BEAULIEU 1008 XL is as powerful as a 35 mm camera 280-mm telephoto lens. This is as much as can be managed with hand filming. At any greater focal length, the slightest camera shake would interfere with picture sharpness and steadiness. And you cannot always (and do not always want to) film with a tripod.

This is why Marcel Beaulieu has chosen for the 1008 XL a 7-45 mm zoom lens. Its 6 1/2 X amplitude offers all the zooming possibilities you could wish for without any risk of "shake".

For yet greater safety, the BEAULIEU 1008 XL's zoom is electric, with two perfectly constant speeds.

Well-rendered colours

When projecting, it may happen suddenly, in the middle of a sequence, the pictures either pale or become too dark. You certainly want to avoid such faults (due to incorrect exposure) in your own films.

And it cannot happen to you with your BEAULIEU 1008 XL. Its diaphragm automatically corrects the exposure. You can do a panning shot from a shady area to one in bright sunshine, or vice versa : the diaphragm will increase or decrease the aperture, just as the eye would, so that your pictures remain perfectly exposed throughout.



Film all you want to film, at once

Slow down or speed up movements by rotating a knob

You might want to analyse a movement - for instance, a gymnast going through his exercises - in order to highlight the beauty of each gesture. So you will film at 36 fps slow motion. All you have to do is to rotate the filming-speed ring.

If on the contrary you wish to accelerate a character's steps to achieve a comic effect like those of the old silent movies, it is no less easy to set to accelerated motion with 9 fps.

The BEAULIEU 1008 XL has 5 filming speeds: frame-by-frame, 9, 18, 24 and 36 fps.



Shoot low-light scenes without auxiliary lighting

When filming with sound, you often film indoors. To keep a souvenir of a family reunion, or to capture children at play. But you have not necessarily followed a lighting-specialist's course, and would like to film with whatever light is available. And you can do it with your BEAULIEU 1008 XL, for 3 reasons:

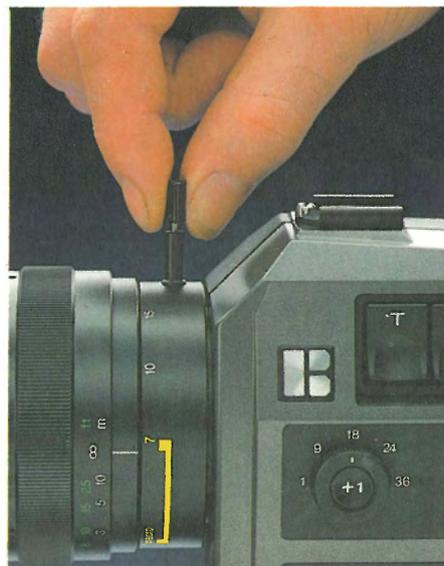
The lens aperture is a very wide one : f/1.2. It is common knowledge that the wider the aperture, the less the amount of light required. The optical elements are so mounted that light loss through the lens, more particularly round the edges, is minimized. The cell's sensitivity range has been extended from 25 to 400 ASA in order to allow the use of any film at present available, including Ektachrome G, which is suitable for any form of lighting.

Get close up to a distant subject, without moving

You might be afraid to scare away birds you have spotted in their nest. To bring them into a close-up shot, all you have to do is to press the electric zooming control until you have the required framing. Two zooming speeds are available.

"Blowing-up" small objects, without auxiliary gadgets

You may have been told that, for extremely close-up work, you had to add accessories to your lens. This is quite unnecessary on the BEAULIEU 1008 XL. All you need to do is to lift the zoom control lever, and you can film at any distance between 5 feet and right up against the front of the lens. You can fill the whole screen with a butterfly's wing. And focusing is as simple as at any other distance.



Master sound recording, at once

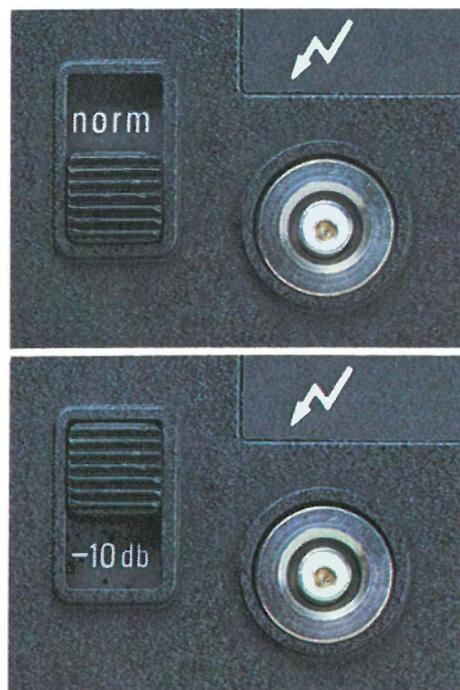
Many an amateur gets a shock when he views his first sound film. The rustle of a sheet of paper sounds like a thunderstorm, the whispering wind like the wail of a siren.

From your very first film, Marcel Beaulieu wants to help you side-step the pitfalls of sound recording, so that when projecting you recapture as closely possible everything you heard when filming.

The important thing is siting your microphone properly. This you will achieve by playing on the 2 available levels of automatic recording, and by using the indications in the viewfinder as guidelines. If the green LED flickers, your mike is suitably sited. If it fails to light, it is too far from the source. If it stays on, the sound is too loud. You can then flip the switch into the -10 decibel setting.

In every case, a built-in device tones down excessive sound, and raises the level when it is too weak.

An earphone supplied with the camera allows you to monitor all sounds recorded by the camera.



Retain the right to experiment with special effects

As you have seen, to simplify filming, the BEAULIEU 1008 XL's functions are automatic. But there is nothing to prevent you from using them manually whenever you wish. Just for fun. Or to achieve some effect. Or to attempt the discovery of a new expression form.

Separate your sequences more interestingly

As the cinema and television pros do, you can smooth out the transition from one sequence to the next by the fade-in/fade-out technique. Just a button to press. At the beginning of the sequence, the picture lightens while the sound becomes louder, while at the end the picture grows darker and the sound dies down.

Dub in music, or a commentary

You can connect the BEAULIEU 1008 XL to a tape recorder or to a hi-fi system, and mix music and commentary on the film's sound track by means of a special mixing box. You can monitor the entire operation through your earphone.



Accentuate zooming effects.

By operating the zooming ring manually, you can further accelerate or retard the "approach" or "recede" effects of zooming.

Choose your f/stop, for instance.

Suppose you wish to bring out a detail by purposely throwing the background out of focus. Choose your own stop to obtain the depth of field you want. Sup-

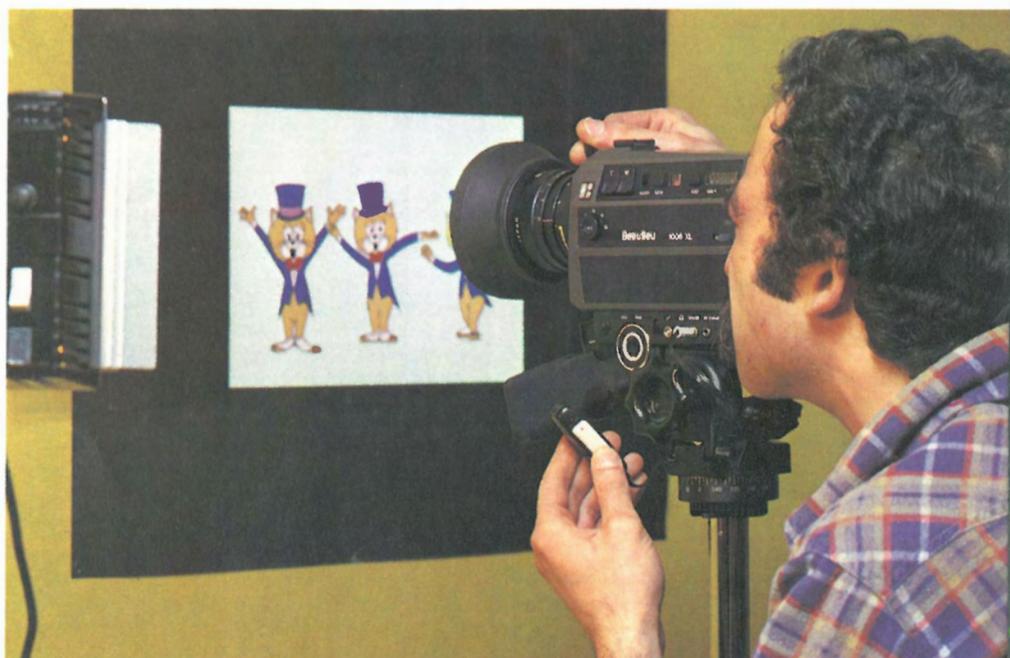
pose you want to film against the light. Set your f/stop while aiming at the central subject, which will thus be perfectly exposed, even with very strong back lighting. You can also momentarily overexpose by one stop, by pressing on the "diaphragm corrector" button.



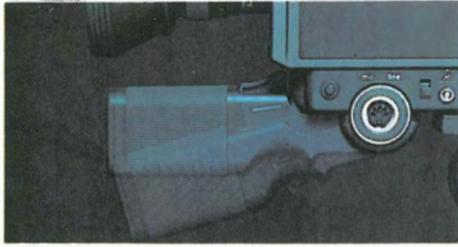
Sub-title your films.

The BEAULIEU 1008 XL can film one frame at a time. As on a professional titling bench, you can trip the camera by means of the remote control, at what-

ever rate you select. And if you have the talent (and the patience!) why not try your first animated cartoon?



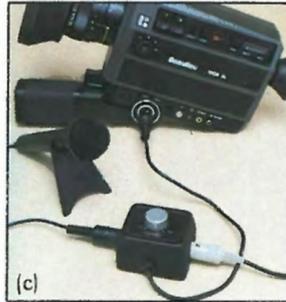
Further features for ease of use



-Folding grip.

- "Shooting" pilot light to let the actors and sound-recorder know they are "on".
 - Continuous tripping by trigger lock when shooting long, uninterrupted sequences, or for frame-by-frame filming on a tripod.
 - Viewfinder eyepiece shutter to exclude stray reflected light when filming on a tripod.

- Viewfinder eyepiece adjustable to operator's eyesight.
 - Frame-by-frame synchronous flash system.
 - Frame counter.
 - Battery-charge check.
 - "Test" trigger position for all checks in the viewfinder prior to shooting.



Accessories for the Beaulieu 1008 XL cine-camera.

Supplied with the camera: Unidirectional moving coil microphone with cord and stand. Impedance: 500 ohms. Sensitivity: 10 mV (a), Earphone (single ear), Lens hood.
 Optional extras: Remote-control lead (b), Mixing box (c), Boom microphone (d) External power supply (pocket holder housing higher-powered batteries), Carrying bag (e).

Technical data

Specifications

Format: Super-8.
 Dimensions: - Overall length: 230 mm
 - Overall width: 72 mm
 - Overall height: 215 mm
 Weight: 1.775 Kg

Lens

Beaulieu 7-45 mm f/1.2 zoom, with macro capability.
 Equipped with rubber hood.
 • Diaphragm
 Fully automatic setting of aperture provided by a servomotor. Manual override. Red LED in the viewfinder in case of manual control.
 • Zooming
 Two-speed power zoom.
 Manual zooming.

Viewfinder

Reflex.
 Dichroic focusing.
 Film transport indicator.
 Indication of lens aperture.
 Artificial light, exposure control, sound level, and end-of-film indicator LEDs.

Shutter

Frame exposure time: - at 9 fps: 1/14 second
 - at 18 fps: 1/28 second
 - at 24 fps: 1/37 second
 - at 36 fps: 1/56 second

Speeds

9, 18, 24 and 36 frames per second
 Single-frame

Exposure meter

CdS photo cell
 Film speed scale: ASA 25 - 400
 Density control possible

Camera loading

Instant loading with 15 m (50 ft) sound or silent Super-8 cartridges.

Filter

Wratten 85 - type (1). Built-in.
 Indicator LED in the viewfinder for artificial light setting.

Release

Trigger
 Remote control possible

Counter

Automatically resets to "start" when unloading film.

Power supply

Six 1.5 V, AA-type batteries
 External power supply possible (six 1.5 V, HP 11 size batteries)
 Three-position power supply switch.

Fade

Fade-in and fade-out (picture + sound)

Sockets

Mike/line
 Earphone
 Remote control
 External power
 Flash synchronization

Sound

Recording on magnetic striped film
 Built-in amplifier
 Picture/sound gap: 18 fps (standard)
 Indicator LED in the viewfinder in case of sound recording.

(1) Wratten is a registered trademark of the Eastman Kodak Company.

BEAULIEU - MAISON BRANDT FRERES - 16, rue de la Cerisaie - 94220 CHARENTON-LE-PONT - Tél. 375.97.55

AUSTRALIA: INTERNATIONAL DYNAMICS
 23, Elma Road - NORTH-CHELTENHAM 3192
 Tél. 950336

CANADA: BELL & HOWELL CANADA Ltd.
 125 Norfinch Drive DOWNSVIEW, ONT.
 M3M 3B5 - Tél. (416) 635-9111

CANARY ISLANDS: K.R.H.K. MAYA S.L.
 Apartado de Correos 757 - Villalba Hervas, 5
 SANTA-CRUZ-DE-TENERIFE -
 Tél. 247684/85/86/87

DENMARK: DANSK FOTOAGENTUR A.S.
 Rygårds Allée 131 C - 2900 - HELLERUP
 Tél. (01) 292313

FINLAND: OY FOKINA AB - Isokaari 40
 00200 - HELSINKI - 20 - Tél. (80) 692 2541/2542

GREAT BRITAIN: A.V. DISTRIBUTORS
 LONDON LTD. 26 Park Road, Baker Street
 LONDON NW1 4SH - Tél. (01) 935.81.61

HONG KONG: SHIRO (China) LTD.
 St-George's Bldg, 20th Floor - P.O. Box 181
 HONG KONG - Tél. 24 50 31 - 8

JAPAN: NARIKAWA & CO. LTD.
 Asahi Shinbun Building - 3-3 Nakanoshima
 Kitaku - Central P.O. Box 490 - OSAKA
 Tél. (06) 203 76 05

NORWAY: INTERFOTO A.S. Haakon VII's
 Gate 5 - OSLO - 1 - Tél. (02) 33 48 46

SINGAPORE: SHIRO - China - Ltd.
 Yen San Building, 268 Orchard Road,
 P.O. Box 1065 - SINGAPORE - 9 - Tél. 377000

SOUTH AFRICA: PHOTO AGENCIES PTY.
 P.O. Box 3916 - 69 Sauer Str. Pallux House
 JOHANNESBURG 2000 - Tél. 83811381

U.S.A.: BELL & HOWELL MAMIYA COMPANY
 7100, Mc Cormick Road - CHICAGO - III. 60.645
 Tél. (312) 673 3300