

cinema Canada

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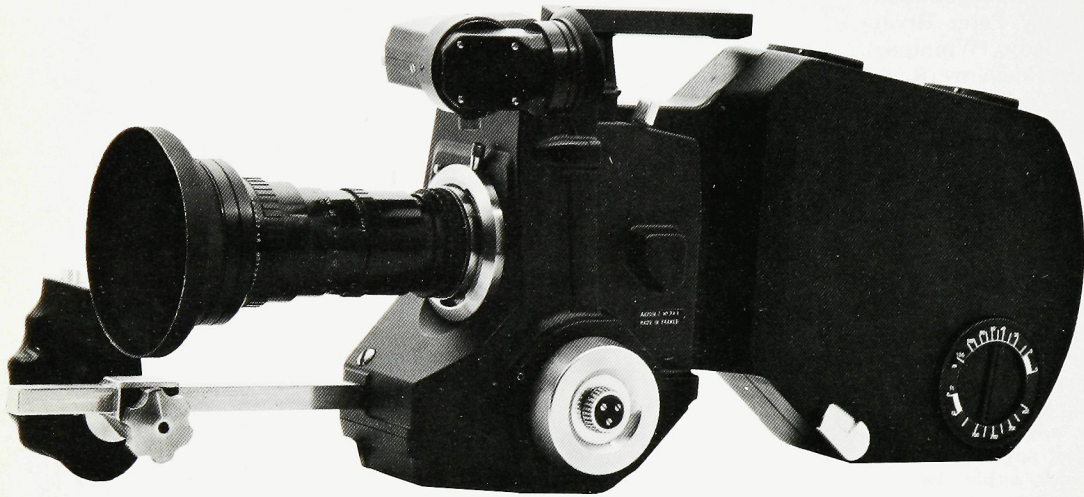
Canadian Film Awards
Opinions



The Silent Partner: D. ... ky and Williams B.S.C.
Scriptwriting: ... y and a comment

AÄTON 7 CAMERA

The Aäton 7 has been built to meet the exacting requirements of a dual documentary/studio camera and is easily adaptable for either standard 16mm or Super 16mm formats. Low in profile, quiet and ruggedly constructed, it is precisely balanced and modelled to fit on a shoulder for effortless shooting over long periods. Its low centre of gravity also gives it excellent tripod handling characteristics. An important feature of the Aäton 7 is the optional built-in video viewing/recording capacity to be used simultaneously with film.



General

Quiet from 28 dB to 31 dB at 1m from film plane image steadiness better than 1/1000th of frame height.
Robust yet lightweight: 7 kg with film and Angénieux 10 x 12 lens.
Low profile, overall size 370 x 230 x 150mm.
Superbly balanced for hand holding.
Bright, fully orientable viewfinder.
Fibre optic viewing system.

Crystal motors

24/25 fps.
Variable speed (6, 12, 16, 18, 20, 28, 32).
12 Volt power supply – power drain 1.2 ±0.3 amps at 25°C.

BATTERIES

The Aäton battery clips directly on to the camera: 10 cadmium nickel 1.2 V cells, 1.2 Ah; weight 600 grams; dimensions: 172 x 75 x 26 mm. Output connector XLR 4.11C.

External batteries: any 12 volt batteries can be used in conjunction with either standard or 54 LL cables: Cannon connectors XLR 4.12C or XLR 4.11C.

Magazine

Coaxial, 120 metres.
Feed compartment takes darkroom core on spools 50mm in diameter.
Takes film for Super 16 without adaptation. If necessary, the feed compartment can take daylight reels (100 feet only). Special lock-in for darkroom core facilitates easy loading and unloading.
Take-up reel driven by positive drive belt and friction on the take-up shaft.
Footage counter (marked in feet and metres) visible from the rear of the magazine while camera is hand held and running.

Viewfinder

Fully orientable, very bright F4; exit pupil diameter 5mm; 10 x magnification. The eye position is in the nodal plane of a standard zoom lens, viewing is 20% larger than the Super 16mm frame. The combination of this finder together with the fibre optic screen greatly improves focusing accuracy over previous designs. The optical viewing quality is virtually unaffected by video control drain.

Aäton VA7

Video head to be attached to the Aäton 7 camera.
18mm (3/4") target tube.
Totally unobtrusive, the video tube is fixed onto the Aäton 7 camera in place of the clip-on battery, retaining the camera's low profile. The entire camera was designed with incorporated video in mind.
A single 12 V battery can run both film and video cameras simultaneously, leaving only one cable between the camera, and the control unit and battery.
The overall resolution is determined by the quality of the particular vidicon pick-up tube chosen. On average 550 TV lines at 10% modulation.

Maintenance

For ease of maintenance the camera is composed of easily accessible and interchangeable modular elements.
Adjustments to dynamic parts may be carried out by removing the outer casing, allowing the magazine with film to remain in place and in running condition.

Call or write for additional information

 **Kingsway Film Equipment Ltd.**

821 Kipling Avenue, Toronto
Warehouses in Toronto and

5G8. Phone: 416-233-1101.
Service across the country.