

of scenes saves the Bolex a good deal of editing and splicing time. No other transitional effects are necessary for separating the various sections of a movie.

*Users of Bolex B-8 and C-8 Movie Cameras may accomplish similar Fade-In and Fade-Out effects by attaching the accessory Bolex Iris Vignetter for 8mm lenses.*

Titling can be accomplished by using the single-frame setting of the Bolex. The camera is mounted on the Bolex Titler, and titling material is attached to one of the variety of holders available for the Bolex 8mm Titler—frame, vertical and horizontal flip boards, disk, drum and scroll title holder. Titles may be shot as separate units or superimposed over portions of the movie.

In order to superimpose the titles on other action, simply take the camera into a dark room, rewind as much exposed film as is going to be titled onto the film spool. Then expose it again in your Bolex 8mm Titler. Because the title holding devices are of a black non-glossy felt, only the titles themselves will photograph during the second exposure, and the original image on the film will not be interfered with.

Animation is accomplished in a somewhat similar manner. Straight animation can be handled very readily in the Bolex 8mm Titler. Superimposed animation (combining live and animated subject matter on one piece of film) is accomplished in the same way as superimposing titles.

A common complaint among home movie-makers is that one, the fellow operating the camera, is always missing from the picture. This is not necessary with the Bolex camera. The Bolex camera is used. The camera is mounted on a tripod and the operator sets it on any surface. The camera starts the self-filming process. The camera's continuous run of film is exposed into the picture. The camera can be used to film any scene in movies. With the camera on a tripod and the operator's field of view, the camera is put into operation and

walk away from the camera. The people being photographed will have no idea that movies are being made. A wide angle lens is very advantageous here, because there is a larger field being covered, and there is less necessity for planning in order to keep everybody and everything in the picture.

Because of the precision construction of Bolex movie cameras and the Kern-Paillard lenses available for them, lens interchangeability is a natural on any Bolex, and the camera user has the advantage of a choice of normal, wide angle and telephoto lenses. The D-mounted lenses for Bolex 8mm Movie Cameras screw into the cameras' lens mounts easily, and provide accuracy and critical reproduction immediately. With the Bolex B-8 and B-8 VS two lenses may be mounted on the camera turret at the same time, and alternating or interchanging them is accomplished by a turn of the smooth-working turret.

Viewing for normal, wide angle or telephoto shots is cleverly and conveniently accomplished by a simple adjustment of the dial of the zoom-type view finder. This optical finder is matched for lenses from 1/2" to 1 1/2", which takes care of standard and telephoto lenses. For viewing with the wide angle lenses an accessory wide angle view finder attachment for either 5.5mm or 6.5mm lenses can be carried on the view finder slide of the camera. The attachment slips in front of the view finder, adapting it for these wide angle lenses. It slides back out of the way when not in use.

One of the astounding features of Bolex small movie cameras is the wide choice of frames-per-second speeds built into each camera. For this reason the Bolex can create a variety of slow motion and speed up effects during filming, and project them at normal projection speeds. Normal filming speed is the same as normal projection speed—16 FPS. For ordinary movement and effects, therefore, the Bolex will expose his film footage at 16 FPS.

However, if a slow motion se-

quence is desired the Bolex may select from any of the faster FPS speeds—24, 32, 48 and 64 FPS. Sequences shot at any of these speeds will, when projected at 16 FPS, be in slow motion. On the other hand, footage shot at 8 or 12 FPS will, when projected at the normal projection and speed, show speeded up action.

An important convenience of the variable shutter on the Bolex B-8 VS is that it allows the movie-maker to control his depth of field. Heretofore, the home movie-maker had no choice of depth of field. After determining his FPS speed he was left with only one regular aperture setting. The still photographer can control his depth of field by adjusting his shutter speed to follow his choice of aperture. Now the Bolex B-8 VS user has the same convenience. He can select his F-stop to give him the depth of field desired, then compensate in exposure by manipulating the opening of his variable shutter.

For example, a B-8 VS user who would like to throw a distracting background out of focus, can open his lens aperture as wide as is desired. In order to keep from overexposing his film (without changing FPS speeds) he simply closes the variable shutter to a point where the amount of additional light which is entering the lens because of the increased aperture is balanced out by the reduced size of the variable shutter opening.

These are the things which add up to "Scene Control." These are the reasons that Bolex owners are able to get much more from their movie cameras—because they have freedom of control.

Bolex 8mm Movie Cameras are priced from \$89.95, and are available all over the United States through Bolex Franchised Dealers.

*The various phases of Scene Control will be explained in detail in a series of Bolex Reporter articles. The first of these, "How to Make and Use Fades," by Ernst Wildi, appears on Page 21 of this issue.*

# THE NEW PAN CINOR-30DV

## Gives Scene Control That Plus Touch

The Pan Cinor-30 DV, the first direct-view zoom lens for 8mm home movie cameras, has been introduced in the United States by Paillard Incorporated.

The new lens has its own built-on view finder system, which permits direct viewing through the lens while the camera is in operation, thereby eliminating all parallax problems at all focal lengths.

Manufactured in France by Som Berthiot the Pan Cinor-30 DV has

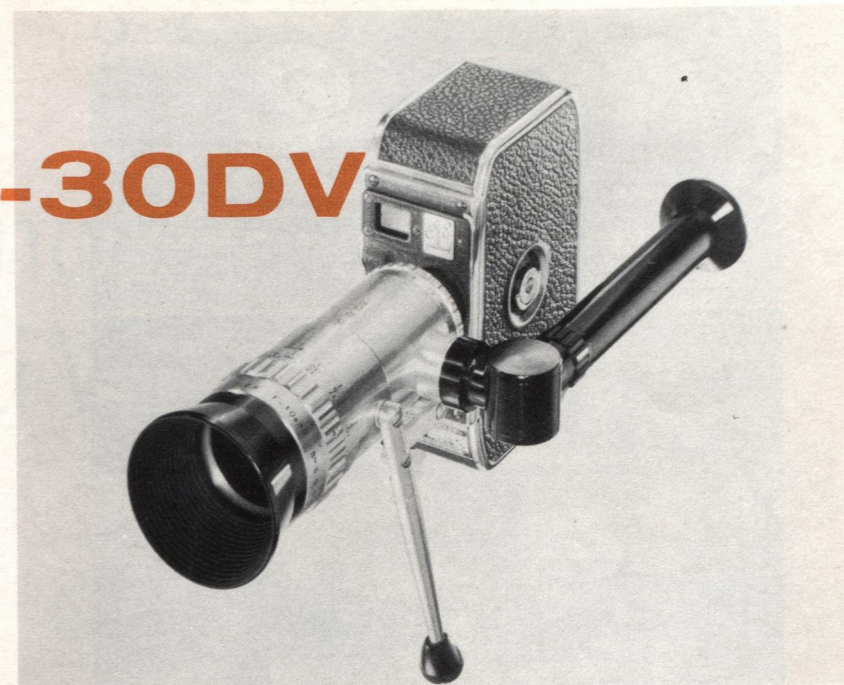
*The new Som Berthiot Pan Cinor-30 DV for 8mm movie cameras is patterned after the series of Som Berthiot Pan Cinors for 16mm movie cameras, which have been acclaimed by Bolex H-16 Camera users for many years.*

*All with direct through-the-lens viewing, they are:*

*Pan Cinor-70, M:2.4, with focal lengths from 17.5mm to 70mm. Price, complete with filter adapter ring, sunshade and leather carrying case, \$369.50.*

*Pan Cinor-100, F:3.4, with focal lengths from 25mm to 100mm. Price, complete with filter adapter ring, sunshade and leather carrying case, \$293.00.*

*Pan Cinor-100, F:2.4, with focal lengths from 25mm to 100mm. Price, including viewfinder, \$990. Price, without viewfinder (for H-16 Reflex), \$929.25.*



full aperture range from F:2.8 down to F:22.

As with other Pan Cinor lenses, the Pan Cinor-30 DV changes focal length with a one-lever sweep action.

Lens focal length changes from 10mm to 30mm (wide angle to telephoto) either continuously or step by step. Closest focusing distance is 28".

The Pan Cinor-30 DV has a "D" mount and fits all 8mm Bolexes, as well as most other 8mm movie cameras. Lens alignment on camera is accomplished by a depress-orient mounting, requiring no tools. The adjustable view finder swings out of the way to permit the loading of the camera without removing the lens.

Pan Cinor-30 DV will sell for \$189.50 (FET included).

Combination prices of the Pan Cinor-30 DV and the various Bolex 8mm movie cameras are as follows:  
Pan Cinor-30 DV —

- with Bolex C-8, \$254.95 (FET incl.)
- with Bolex B-8, \$274.50 (FET incl.)
- with Bolex B-8VS, \$289.50 (FET incl.)
- with Bolex H-8 Deluxe, \$437.00 (FET incl.)
- with Bolex H-8 Leader, w/o reflex focal view finder, \$357.00 (FET incl.)



*The New Pan Cinor-30DV makes any camera a reflex camera. Top photo shows it attached to a Bolex C-8.*

*Although a tripod is recommended, the use of a steadying device such as the Declic trigger handle makes the Pan Cinor-30DV-equipped camera a complete travelling movie unit (center photo), featuring a full complement of lens focal lengths.*

*The direct viewfinder swings out of the way for loading and unloading camera (photo at left).*

