

Bell & Howell

“70”

*Movie
Cameras*

*Finest
in 16mm*



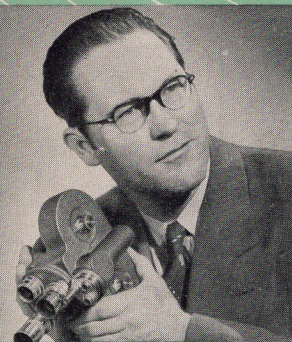
Precision-Built for Lifetime Dependability

Bell & Howell

"70"

...first choice of those who know!

Owning a "70" is security . . . assurance of professional-quality movies always. That's why it's the camera preferred by amateurs and professionals alike!

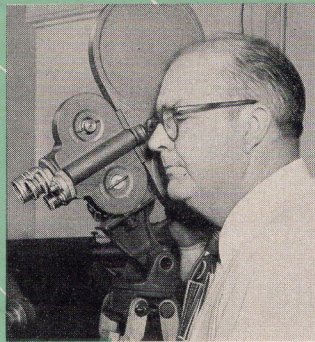


Twice winner of the Maxim Award, highest honor paid to amateur movie makers, Glen H. Turner, A.C.L. of Springville, Utah, received the 1951 award for his 16mm movie "In Fancy Free"—taken with his Bell & Howell "70" camera!

Newsreel photographers of station KTTV, Los Angeles, take their "live" newscast movies of local events with a "70" camera, edit and prepare them for showing the same evening.



"A rugged camera" is what Gene and Charlie Jones say about the Bell & Howell "70" camera. They're the famous NBC newsreel team.

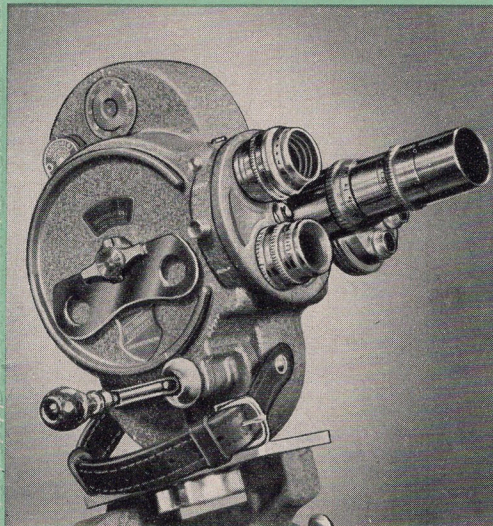


The "70" works for industry. William A. Vogler of Ramsey Corporation, St. Louis, films machine operations in making piston rings and expanders.

Model 70-DL

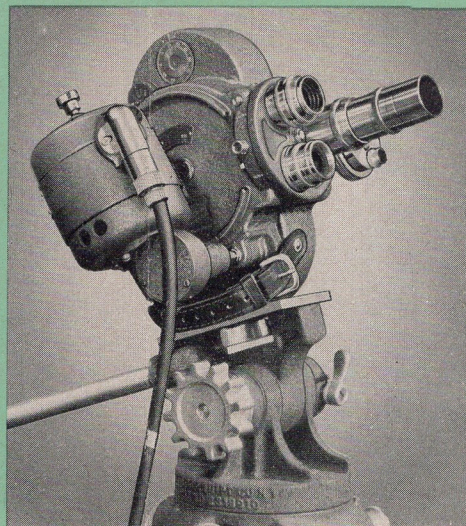
The camera that grows with you

**As you progress in movie making,
as your movie interests broaden, you're
not limited to one basic camera. The 70-DL
grows with your increased ability.**



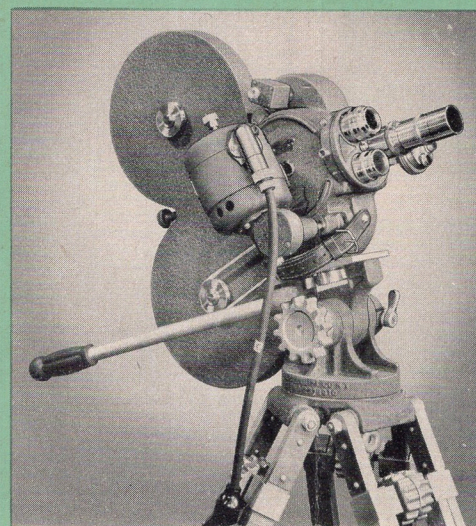
Basic... but versatile

A masterpiece in camera design—three lenses for instant use at your fingertips . . . a choice of 7 governor-controlled operating speeds . . . parallax-correcting positive viewfinder . . . critical focuser for needle sharpness . . . 22-foot film run . . . hand crank for long runs, fades, lap dissolves. All of these features, and more, are there—in one perfect 16mm camera.



More power to it

A universal type electric motor or synchronous motor can be added to the 70-DL for continuous running of the camera with or without external magazines. Universal type is controlled by governor on camera; can be used through entire speed range, 8 to 64 frames per second. Runs on AC or DC, 12, 24, 32 or 110 volt. Synchronous motor operates at 115 volts, 60 cycle, AC only, for filming at 24 f.p.s.



For the long run...

You can have your 70-DL adapted to increase film capacity to 200 or 400 feet. An uninterrupted long run of filming is not only time-saving, but often vital when you're shooting a movie story. Magazines are easily removed, interfere in no way with normal use of your camera when 100-foot rolls of film are loaded internally. Magazines must be used with electric motor drive.



Sound in your future

The era of magnetic recording projectors and low-cost sound movies is here, and the "70" camera keeps pace with it! With a look to the future, you'll want to take all of your movies on single-perforated film with the idea of adding sound now or later. The 70-DL uses either single- or double-perforated film—another versatile feature to widen the scope of your movie making.

ALL BELL & HOWELL EQUIPMENT IS GUARANTEED FOR LIFE *

* Any defects in workmanship or material during the life of the product will be remedied free except for transportation.

Everything you need in a movie camera...

Bell & Howell

70-DL

22-Foot Film Run

Full winding of the spring motor runs off 22 feet of film without interruption. Governor controls constant speed from the first to last frame of a run. Film footage dial accurately registers exposed film footage to 100-foot reading.

7 Operating Speeds

8, 12, 16 (normal silent), 24 (for synchronizing with sound), 32, 48 and 64 (slow motion) frames per second. Each speed is *individually calibrated* and governor controlled to assure accurate and constant exposure throughout a film run.

Ratchet Type Winding Key

Winds like a watch with a folding, non-rotating winding key. One full winding of the spring motor runs off 22 feet of film.

Hand Crank

Calibrated in frames, permits backing up short lengths of film for double exposure, lap dissolves and other trick effects. Governor controls constant speed when hand cranking long runs.

Adjustable Leather Hand Strap

Fits over hand comfortably to hold camera steady and secure while filming without a tripod.

Starting Button

Can be operated only when lens is in exact photographing position. May be locked in running position.

3-Lens Turret

Accommodates three standard "C" mount lenses. Rotates for rapid change from standard to wide-angle or telephoto lens for taking *long, medium or close-up shots* without changing camera position. 70-DL is equipped with a standard 1" f/1.9 Super Comat *Filmocoted* lens, or 1" f/1.4 Cooke Ivotal lens.

Critical Focuser

Permits *through-the-lens* focusing of any lens mounted on the turret. Shows a highly magnified section of the lens field for critical work. Safety feature prevents camera operation until lens is shifted into filming position.

Positive Viewfinder

An exclusive Bell & Howell feature. Rotating turret holds three lens-matching viewfinder objectives that show exact field of camera lenses. Viewfinder corrects for parallax from three feet to infinity. Eyepiece focuses to compensate for variations in normal eyesight.

Film Plane Reference Mark

Marked on outer housing of the viewfinder. Shows position of film plane within the camera for accurate measurement of distance from film to subject.

MODEL 70-H

With all the features of the 70-DL plus a shutter stabilizer, Veeder footage counter, external magazine provision and electric motor provision. Motor and film magazine are accessories.

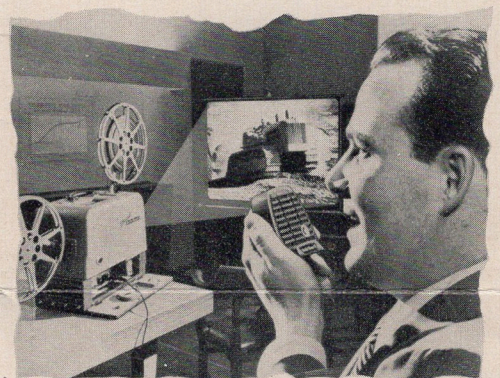
MODEL 70-S

Super-speed model designed with a special spring motor drive and film transport mechanism for operation at eight times normal speed—128 frames per second only. For use where extreme slow motion is required.

Free!

100 feet of SOUNDSTRIP® on your personal film when you purchase a "70" camera, or have your "70" converted to use single-perforated film.**

*Bell & Howell magnetic striping process
**Offer expires December 31, 1952



**NOW YOU CAN MAKE
LOW-COST SOUND MOVIES**

NEW FILMOSOUND 202

- Load your "70" with single-perforated film.
- Take your movies at 24 frames per second.
- Send developed film to Bell & Howell or take it to your Bell & Howell Dealer for SOUNDSTRIP®
- Thread Bell & Howell Filmosound 202 with SOUNDSTRIP® film same as any Filmosound projector.
- Plug in microphone, included with "202".
- Record your voice or music directly on film as you show your movies.
- The result—a professional quality sound-on-film movie, inexpensively made in a matter of minutes!

The new Bell & Howell Filmosound 202 magnetic recording projector *records directly on film* and plays back immediately at 16 or 24 speed. You can change any portion of a sound track without losing the initial recording. Your silent movies become sound movies; your sound movies gain new interest, new teaching and selling power with a *personalized* 202 recording. And it's as easy as tuning in your radio!

*Ask your Bell & Howell
Dealer for a*

Free Demonstration Today!

Carrying Cases

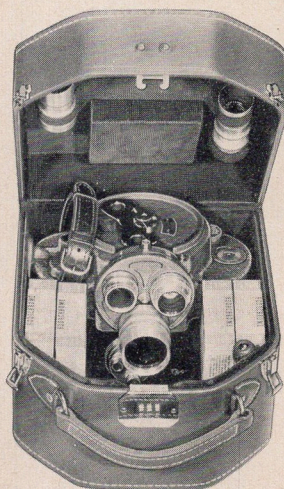
Your "70" camera will stay "like new" through long, continuous wear, if you protect it in a carrying case specially designed by Bell & Howell. They're styled in rich brown top-grain cowhide, saddle stitched, with handy leather shoulder strap and dependable lock.

Combination Case for the 70-DL and 70-S

Lined with corduroy, this case holds camera with three lenses mounted, including 4-inch lens; extra film, exposure meter, extra lenses and matching objectives, filters.

Combination Case for the 70-H

Lined with corduroy, holds camera with three lenses mounted, including 6-inch lens; film magazine and extra magazine, motor, hand crank, extra lenses, objectives and filters.



LENSES FOR "70" CAMERAS

The lens is the camera's eye! What a lens "sees" is transmitted to the film when exposed. The quality of the lens or lenses you use, directly controls the quality of the picture you get.

All Bell & Howell and Taylor Hobson Cooke lenses are *Filmocoted* for protection and maximum light transmission, fully color-corrected. These lenses represent the highest degree of skill in optical engineering.

Focal Length	Speed	Name
0.7" (Wide-Angle)	f/2.5 (T 2.7)	Super Comat
1"	f/1.4 (T 1.5)	THC Ivotal
1"	f/1.9 (T 2.1)	Super Comat
2"	f/1.4 (T 1.6)	THC Ivotal
2"	f/3.5	Kinic
2"	f/3.5	Telate
2.8"	T 2.5	THC Cooke Panchrotal
3"	f/4 (T 4.4)	Telate
4"	f/4.5 (T 4.8)	Telate
4"	T 2.5	THC Cooke Panchrotal
6"	f/4.5	THC
6"	f/4.5	Telekinic Telate

"70"

*Camera
Accessories*