



Fabulous!

V-HEXANON F:2 12~32mm ZOOM LENS

KONICA

ZOOM

MODEL II

8

KONISHIROKU PHOTO IND. CO., LTD. TOKYO JAPAN

KONICA ZOOM 8

MODEL II

PRINCIPAL FEATURES

Specially Designed Zoom Lens...

The V-HEXANON $f/2$, $f=12$ to 32mm, super anastigmat which gives superb definition comprises 8 elements in 4 groups. Continuous change of focal length from $f=12$ to $f=32$ mm and vice versa provided "zoom" effect.

Reflex Viewfinder...

Utilizes the main lens, and therefore completely eliminates parallax. Accurate framing is therefore assured even at the closest ranges.

Cross-Coupled Exposure Meter...

Actuated by the light reflected by the subject-matter gives indication by needle visible in the viewfinder field. Once the exposure meter is pre-set to the speed (ASA rating) of the film in use, foolproof exposure adjustment is effected merely by zeroing in the meter needle to the fixed index mark.

Choice of Camera Speeds...

Four shooting are available—16, 24 and 48 frames per second as well as single-frame exposures. When using the fastest speed (48 frames per second), the battery voltage must be boosted to 10.5 volts by connecting the remote control unit.

Electric Motor Drive...

Eliminated bothersome winding of clockwork spring from time to time, and ensures smooth, steady running. Four penlight (UM-3) batteries of 1.5 volt each are contained in the battery chamber to provide a power source of 6 volts (series connection).

Battery Check...

Voltage of batteries can be checked at any time by pressing the battery check button and watching the exposure meter needle (used as voltmeter for this purpose).

Film Rewind Mechanism...

By watching the frame counter while turning the film rewind knob, it is possible to back-track on exposed portion of film for making double exposure and lap dissolves.

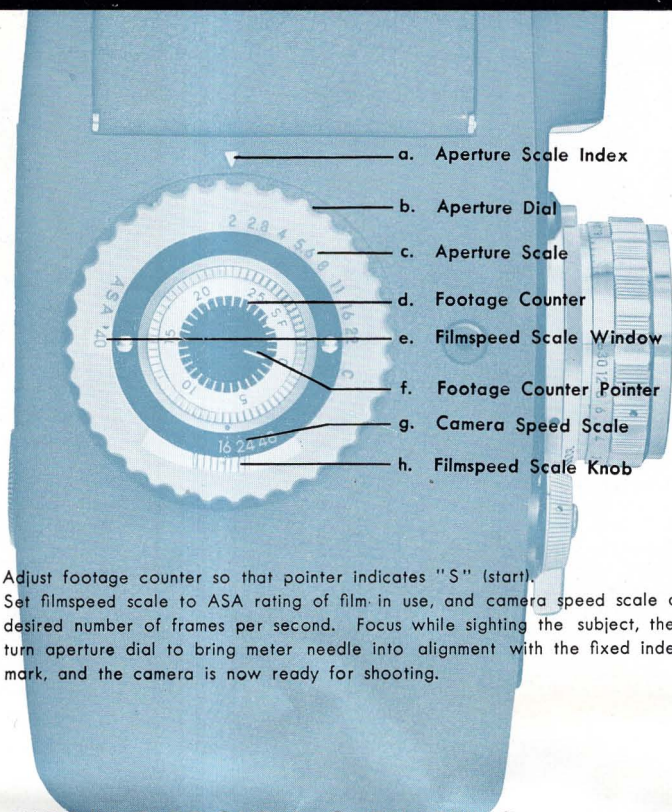
Aperture Black-Out...

Complete closing of aperture is provided to facilitate fade-in, fade-out and lap dissolve.

Dimensions and Weight...

$6\frac{1}{8}" \times 5\frac{3}{8}" \times 3\frac{1}{4}"$ 2.56 lb

DIAL UNI-MATIC

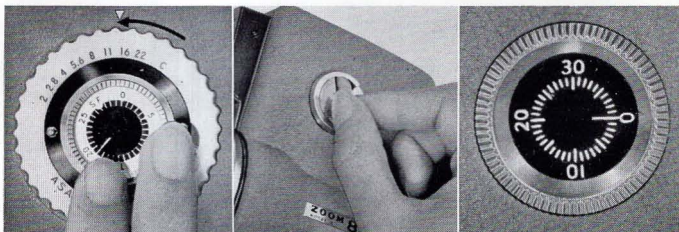


Adjust footage counter so that pointer indicates "S" (start). Set filmspeed scale to ASA rating of film in use, and camera speed scale at desired number of frames per second. Focus while sighting the subject, then turn aperture dial to bring meter needle into alignment with the fixed index mark, and the camera is now ready for shooting.

FADE-IN FADE-OUT & OVERLAPPING

Because this camera is equipped with aperture black-out, it is easy to fade in from complete darkness with the aperture fully closed, to optimum brightness by gradually opening up the aperture to proper exposure setting. Time for fade-in or fade-out should be from 3 to 5 seconds.

By overlapping fade-in and fade-out it is possible to avoid abrupt shifts from one sequence to another. To make lap dissolve, fade-out a sequence, then rewind that portion of film for fading in. This camera is provided with a film frame counter indicating each frame. Consequently, it is a simple matter to wind back the exact number of frames used in fading out or fading in.





EXPOSURE METER NEEDLE IN VIEWFINDER FIELD

The built-in exposure meter of this camera is accurately cross-coupled with filmspeed, camera speed and aperture setting to provide proper exposure when the meter needle, visible in the viewfinder field, is brought into alignment with the fixed index mark by adjusting the aperture ring.

FOCUSING AND SIGHTING

To focus, sight subject-matter through viewfinder and turn focusing ring at front end of lens barrel to obtain sharp image on the ground glass focusing screen.

Accurate facusing can be effected with ease by zooming up to maximum magnification and by fully opening up the aperture.

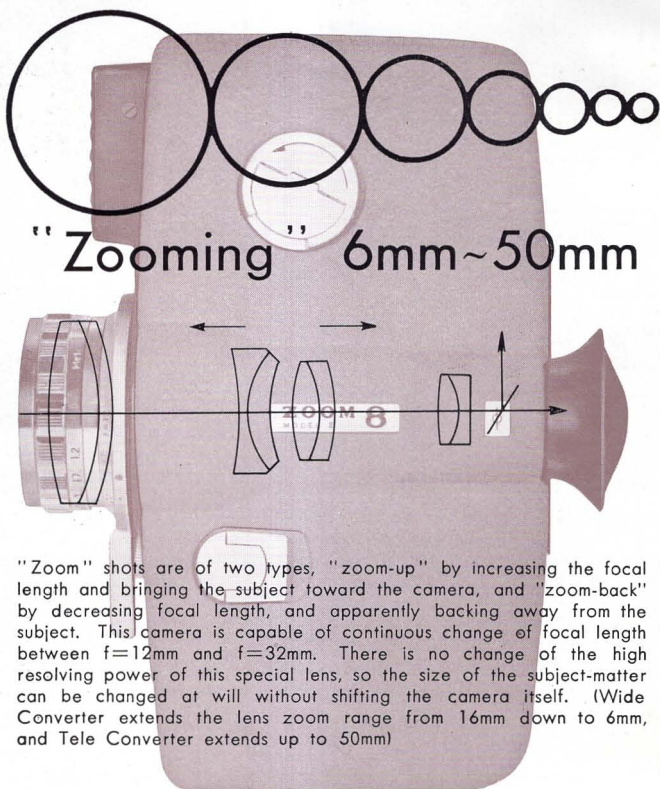
Because the viewfinder of this camera is of the single-lens reflex type, there is absolutely no parallax, and the subject-matter is faithfully shown on the viewfinder screen, exactly the same as in the final reproduction. Consequently, accurate framing is possible, and title making as well as copying and animation work are performed with exceptional ease.



FADE-IN

FADE-OUT

OVER LAP



"Zoom" shots are of two types, "zoom-up" by increasing the focal length and bringing the subject toward the camera, and "zoom-back" by decreasing focal length, and apparently backing away from the subject. This camera is capable of continuous change of focal length between $f=12\text{mm}$ and $f=32\text{mm}$. There is no change of the high resolving power of this special lens, so the size of the subject-matter can be changed at will without shifting the camera itself. (Wide Converter extends the lens zoom range from 16mm down to 6mm, and Tele Converter extends up to 50mm)

INSERTING BATTERIES AND BATTERY CHECK

Open battery holder, and insert four penlight cells in manner indicated on holder, seeing that polarity is correct. With the polarity indication (—) KONICA (+) upward and matching the indication on the inner side of the battery chamber cover, fit battery holder onto cover, catch side first. Close battery chamber cover, and lock by pushing catch toward "L".

When the battery check button is pressed while sighting through the viewfinder, the meter needle will, after being deflected downward, swing up and come to a stop above the fixed index mark if there is adequate power available. If needle points to below middle of the fixed index mark, prepare for replacement of batteries.

REMOTE CONTROL

There are two uses for the remote control unit, furnished as a separate accessory. One is remote control, from a distance, of this camera. The other is as a booster battery unit for 48 frames per second high speed shooting.





KONICA ZOOM 8 MODEL II ACCESSORIES

Remote Control Unit This unit is used for remote control (up to 15 feet distance) permitting self-photography and other trick shots, and for boosting battery power to 10.5 volts for 48 frames per second operation.

Wide Angle Converter This auxiliary lens, when fitted over the zoom lens of the KONICA ZOOM 8 Model II, changes the focal length range to from $f=6\text{mm}$ to $f=16\text{mm}$, permitting shooting at distances down to 20 centimeters.

Telephoto Converter This auxiliary lens, when attached to the zoom lens of the KONICA ZOOM 8 Model II, shifts the focal length range to from $f=18\text{mm}$ to $f=50\text{mm}$.

Microscope Attachment For mounting the KONICA ZOOM 8 Model II on any standard microscope. Specimen can be watched through single-lens reflex viewfinder while shooting is in progress.

Lens Hood Special slip-over type hood, 42mm diameter (for both standard lens and wide-angle converter).

Filters Special screw-in type filters, 37.5mm diameter, 0.5mm thread pitch. SL 39 (ultra violet); SY 44 (Yellow 0) SY 48 (yellow 1); SO 56 (red 1) and color conversion filters.

GLIMPSE OF KONISHIROKU

It was in 1882 we started production of cameras. Later we also began manufacturing all types of sensitized materials. Since then we have solidly established ourselves in both the optical and chemical fields of the photographic industry. We take pride in our leading position in the photographic industry. The company's capital is ¥1,800 million, our plants cover a total site of 64.5 acres, and 3,000 skilful and experienced employees work for our company.



SOLD BY:



KONICA CAMERA CO. PHILADELPHIA 44, PA.