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BOLSEY

THE PRIZE CAMERA FOR PRIZE PICTURES

BOLSEY CORPORATION OF AMERICA • NEW YORK 10, NEW YORK

A large white diamond shape is positioned on the right side of the advertisement, set against a dark blue background. Inside the diamond, the number '33' is written in a red, stylized outline font.

LOADING YOUR BOLSEY B3

Use any 35mm black and white or color film in standard cartridges of 20 or 36 frames. Load your Bolsey B3 in subdued light.

step 1



OPEN THE CAMERA by lifting the ring at the bottom of the camera and turning the lock screw counterclockwise in the direction of "o" (open). Lift the cover off without sliding.

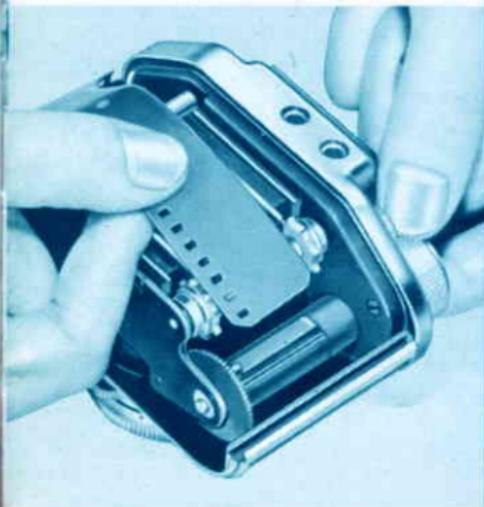
step 2



INSERT FILM CARTRIDGE in the recess below the Rewind Knob, by sliding it in from the camera bottom. If necessary, turn the Rewind Knob slightly until the shaft engages the crosspiece in the cartridge.

www.orphancameras.com

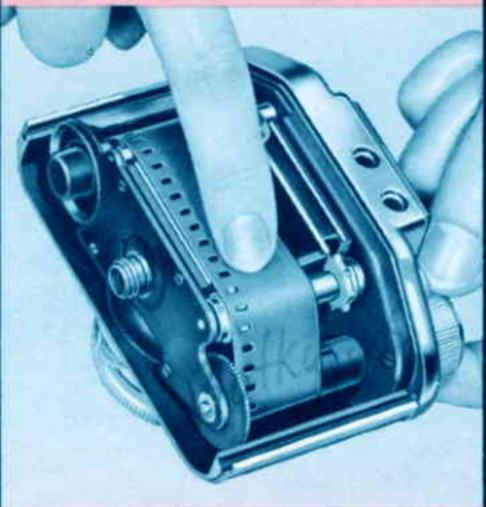
step 3



ATTACH FILM LEADER TO TAKE UP SPOOL

Turn spool by knurled flange or by Wind Knob until slot with tooth faces you. Pull about 3" of film from cartridge and insert leading edge about 1/4" into center of slot. Then slide the film toward the tooth. A slight resistance will be felt as it passes over the ball grip. Make sure edge of film rests against the knurled flange of the

step 4



(con't step 3)

take-up spool. The tooth will then hold film as you rotate the Wind Knob in the direction of the arrow.

ALIGN FILM ON SPROCKET

so that the perforations will engage with the teeth of the sprocket. Turn the Wind Knob in the direction of the arrow until it locks. Do not force the knob. If it does not turn freely, click the shutter by pressing the shutter release button down and then wind.

step 5



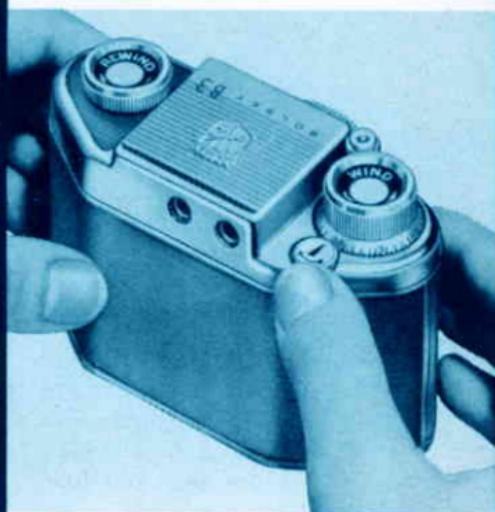
CLOSE CAMERA Be sure film is riding straight in its channel without slack. If there is slack, click shutter and turn Wind Knob until it stops, and slack is taken up. Make sure lip of film cartridge points in direction of film travel, then place cover directly on body of camera without sliding. Hold cover down and turn lock screw clockwise in the direction of "C" (close) until cover is securely locked.

step 6



WIND UP FILM LEADER THAT WAS EXPOSED TO LIGHT by clicking the shutter and turning the Wind Knob until it locks. Do this once again. This will wind up exposed film and bring fresh film to face the lens.

step 7



SET THE FRAME COUNTER below Wind knob at number 20 or 36 (depending on number of frames in cartridge) by moving small knurled gear that meshes with counter dial clockwise in the direction of its red arrow until number 20 or 36 is aligned with its red index. Now you are ready for your first picture.

**2 TO 4
EXTRA
PICTURES
PER ROLL**

The counter works automatically and will tell you how many pictures you have left. Your counter will count to several frames beyond zero before you run out of film because you will get 2 to 4 extra pictures per roll with your Bolsey B3 camera.

www.orphancameras.com

THREE EASY SETTINGS

1. THE SHUTTER SPEED SETTING

regulates the *length of time* the shutter is open to admit light to the film. By turning the knurled outer ring of the lens mount, you align the desired shutter speed with the index. The scale 10 to 200 marks the speeds from 1/10th sec. to 1/200th sec.

Use 1/50 sec. for average subjects; 1/100 sec. or 1/200 sec. for fast moving subjects; 1/10 sec. or 1/25 sec. for stationary subjects.

For longer exposures than 1/10th sec. set on "B". The shutter will open when you depress the shutter release button and will close when the button is released. At 1/25th sec. and longer and at "B" use a tripod.

2. DIAPHRAGM ("F" STOP) SETTING

controls the *amount of light* that passes through the lens while the shutter is open. The diaphragm ring is moved with the knurled knob at the bottom of the lens mount. The scale on the ring is engraved from 2.8 to 22. Each setting admits twice as much light as the next setting marked with a higher number, (i.e.: A setting of 8 admits twice as much light as a setting of 11, and four times as much as a setting of 16).

SHUTTER SPEED
SCALE



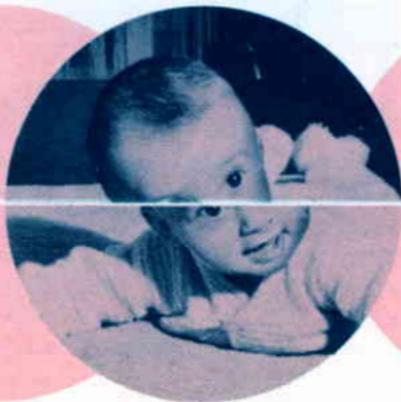
DIAPHRAGM
SCALE



3. FOCUSING

controls the sharpness of your picture. Look at your subject through the right hand window. Depress the balanced focusing levers on either side of the lens mount until the upper and lower half of the split images coincide and appear as one. This at the same time moves the lens and brings the subject into razor-sharp focus. It is easiest to sight on any sharply defined vertical edge or line on your subject. You will note that a range finder separated from the view finder gives a much clearer picture in each and allows easier and faster focusing.

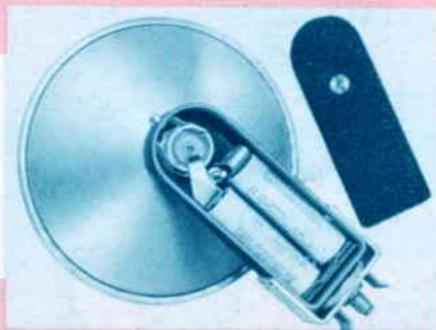
Because of the tremendous depth of field of your Bolsey B3's special 45mm focal length lens, you can secure razor-sharp images from close-up to infinity for projection and enlargement to very large sizes with excellent definition.



HOW TO USE YOUR BOLSEY FLASHGUN

Your Bolsey Flashgun is designed for use with camera case on or off.

CAUTION: *Avoid premature flash! Do not insert bulb until gun is securely attached to camera.*



1. INSERT BATTERIES

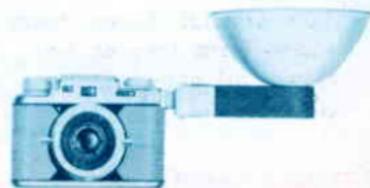
Unscrew battery case cover with a dime. Insert two **fresh** photoflash penlite batteries, as indicated, in the gun. Replace cover and screw tightly.

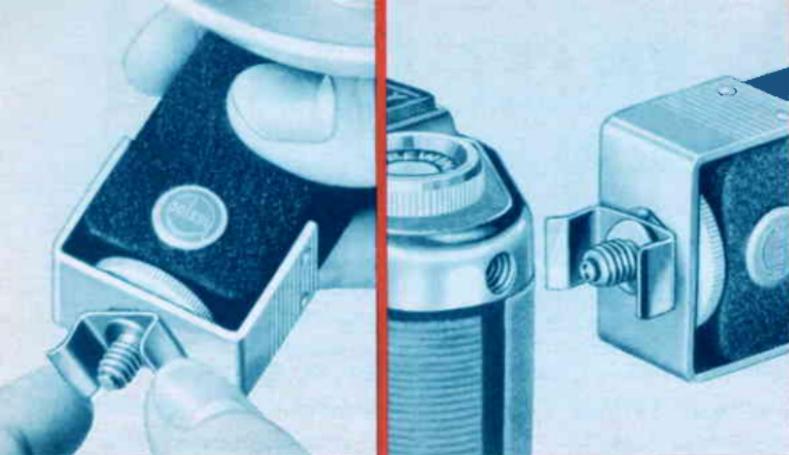


2. ATTACH FLASHGUN TO CAMERA

The gun can be placed on the camera in two ways:

- (1) With reflector facing the subject in the usual manner for direct lighting.
- (2) With the reflector facing the ceiling for bounce lighting.





(step 2 cont'd.)

The clamp pivots and has two click positions. The position across the bracket is for direct lighting, and the position in line with the bracket is for bounce lighting. Be sure clamp is properly seated. Place the screw into the flash contact socket on the side of the camera, and turn the large knob until the gun fits tightly on the camera.

3. INSERT FLASHBULBS

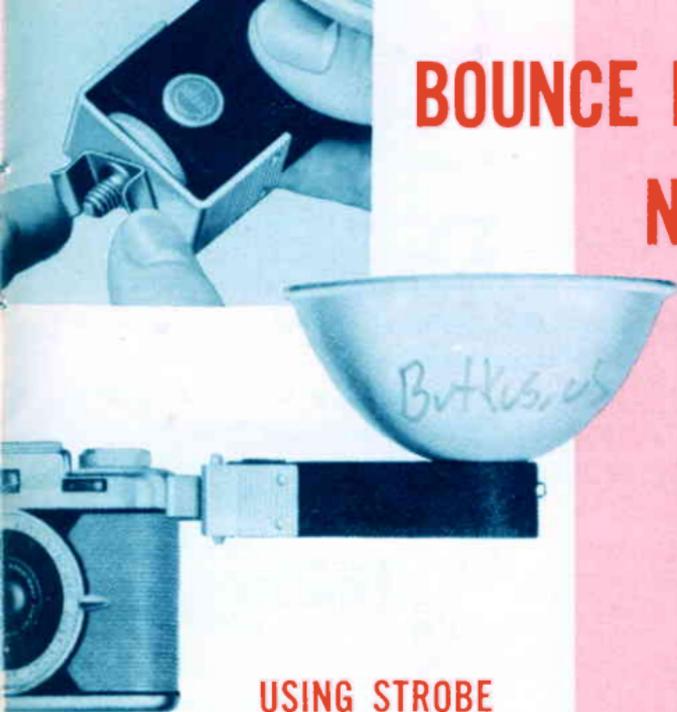
Insert a midget base flashbulb, pushing it in as far as it will go. Be sure that the bottom of the flashbulb base is clean and bright. If it appears tarnished, rub it on a rough surface. The expended bulb ejects automatically by pressing the button on top of the battery case.

Bulbs generally flash at faster than $1/25$ th sec., actually determining the effective exposure time regardless of shutter setting. Since the shutter speed is secondary, we recommend $1/25$ th sec. for best synchronization. Use midget bulbs # 5, 25, Bantam 8 for most purposes. If you wish to shoot at a speed higher than $1/25$ th sec., we recommend that you use SM or SF bulbs only.

Calculate F stops this way: Find guide numbers on bulb package chart. Divide this guide number by distance of camera to subject. Result is F stop.



BOUNCE LIGHT FLASH WITH THE NEW BOLSEY FLASHGUN



USING STROBE

Your Bolsey B3 is equipped with X type synchronization specified by a majority of strobe units on the market. Ask your dealer or Bolsey Corporation of America, 118 East 25th St., New York 10, N. Y. for flash synchro card.

Guide number for film-strobe combinations may be obtained from printed information supplied by your strobe manufacturer.

Bounce light offers the advantages of softer and more natural lighting. It softens shadows on backgrounds and reduces the contrast and color intensity. Diaphragm settings for bounce lighting will vary with ceiling height, color of ceiling, color of walls, distance from subject etc. Because these variables will have considerable effect upon picture results, and because no rule of thumb advice can be given, we suggest that you experiment with different combinations. We suggest trying an opening two stops larger than that given for direct lighting.

To adjust flashgun to bounce lighting position, **take the gun off the camera** and turn the clamp until it clicks into the bounce light position. (See page 10) Replace gun and tighten knob until the gun is secure.

TAKING PICTURES WITH YOUR BOLSEY B3 CAMERA

■ After focusing your camera through your coupled range finder window (on your right), switch your eye to the view finder window (on your left). Frame your subject so that it fills the window. Avoid busy backgrounds. When shooting at 2 ft. correct for "parallax" by lifting your camera slightly so that some space will appear between the subject and the top edge of your view finder.

■ Hold the camera steady, press the shutter release button down slowly. Avoid jarring the camera.

■ Have the camera always ready... After each picture, turn the Wind knob in the direction of the arrow until it stops. This winds the film, cocks the shutter, advances the counter and releases the double exposure prevention mechanism for the next picture.



6 GOOD TIPS

1. Be gentle with your camera. Never force its controls.
2. Use leather ever-ready case — protect your camera.
3. Avoid fingers in front of finders or of lens.
4. Avoid fingerprints on lens — they reduce sharpness.
5. Clean lens with Kleenex, optical tissue or soft hankie.
6. Before loading, when camera is open, hold lens up to light, look through it and click shutter several times. Shutter should open and close smoothly. If you are in doubt, send it for factory check to:

Bolsey Corporation of America
118 East 25th St., New York 10, N. Y.

UNLOADING

After all the film has been exposed, the counter will show 0 and the film will resist further winding. In most cases your counter will count to several frames beyond zero, because you get 2 to 4 extra pictures from every roll with your Bolsey Jubilee. Rewind the film back into the cartridge by turning the Rewind Knob in the direction of the arrow **until tension is relieved and the Wind Knob stops turning**. For a good comfortable grip, lift up Rewind Knob.

Lift the ring of the lock screw at the bottom of the camera and turn it **counterclockwise** in the direction of "O." Lift off the camera back cover and take the cartridge out. Replace the cover. It's always best to have your film processed without delay, particularly color.



BOLSEY B3 SPECIFICATIONS

PICTURE SIZE

24mm x 36mm color transparencies in 2" by 2" mounts and black and white pictures that may be enlarged to considerable dimensions; short trailer and leader and exclusive film catch allows two or more extra frames per roll . . . saves on film cost, especially important with color.

FILM SIZE

Standard 35mm roll cartridge in black and white or color in 20 or 36 frames.

LENS

Fast 45mm Bolsey-Steinheil f2.8 color corrected, coated anastigmat; diaphragm opening up to f22; lens coupled split image range finder; balanced finger-tip focusing from two feet to infinity with range finder.

LENS MOUNT

Unique helical focusing mount moves complete lens-shutter assembly straight in and out assuring stable optical axis position and perfect centering of lens; all settings seen from top.

You will find the complete
Bolsey line coupled with
Friendly Service at:

SHUTTER

Bolsey-Gauthier auto-synchro; dust tight; speeds 1/10th, 1/25th, 1/50th, 1/100th, 1/200th plus bulb (B); body release; socket in shutter release button for standard ASA cable release; automatic cocking; X type synchronization; electronic flash at all speeds; 1/25th sec. for all flash bulbs is recommended. Higher speeds (1/100th sec) can be used with SiM and SF type bulbs.

FLASHGUN

All metal gun, screw in type; swivels for bounce light; no external wiring; polished reflector with bayonet type socket; push button ejection; M2 type lamp may be used with Miniflex adapter.

LENS ACCESSORIES

Outside diameter of lens mount 24mm; takes slip on Bolsey adapter ring and sunshade, series V filters, and supplementary slip-on lenses.

OTHER FEATURES

All aluminum die-cast body with polished trim and leatherette covering countersunk to assure perfect adhesion. Size 2 $\frac{3}{4}$ " x 4", Weight: 14 ozs. Quick loading; automatic counter; ASA tripod socket centrally located; sure grip threaded lock, genuine leather carrying case with new type swivel straps that swing out of the way when shooting.