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OUTDOOR EXPOSURE TABLE

for Jiffy Kodaks Series II Six-20 and Six-16

FOR daylight exposures from 1 hour after sunrise until 1 hour before sunset on days when the sun is shining, with Kodak Verichrome, "SS" Pan, and Panatomic Film. With Kodak N. C. Film, 2½ hours after sunrise until 2½ hours before sunset. On cloudy days use the smallest stop openings, place camera on a solid support, and make very short time exposures.

SUBJECT	STOP OPENING	SHUTTER SPEED
Nearby subjects in open park or garden. Street scenes. Nearby landscapes showing little or no sky.	Largest	Snapshot
Ordinary landscapes with sky, with principal object in the foreground. Nearby subjects at the seashore and on the water.	Middle	Snapshot
Distant landscapes. Marine and beach scenes. Snow without prominent dark objects in the foreground.	Smallest	Snapshot
Portraits in the open shade (not under trees or the roof of a porch). Shaded nearby scenes.	Smallest	Time Exposure 1 second
Moving objects. They should be traveling towards or away from the camera or at an angle of about 45 degrees.	Largest	Snapshot. Never a Time Exposure



HOW TO TAKE PICTURES WITH THE

JIFFY KODAK

SERIES II

MODELS SIX-20 AND SIX-16 • TWINDAR LENS

EASTMAN KODAK COMPANY, ROCHESTER, N. Y.



ACTUAL SIZE of picture ($2\frac{1}{2} \times 4\frac{1}{4}$ inches) made with the Jiffy Kodak Series II Six-16. A typical Jiffy snapshot made with Kodak "SS" Pan Film.



ACTUAL SIZE of picture ($2\frac{1}{4} \times 3\frac{1}{4}$ inches) made with Jiffy Kodak Series II Six-20. A representative Jiffy picture made with Kodak Verichrome Film.

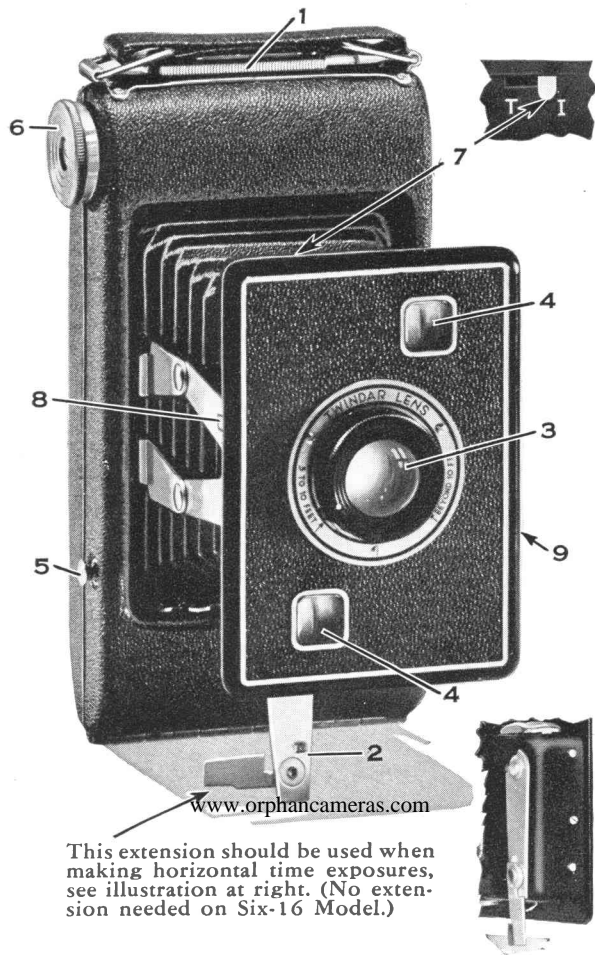
WITH the Jiffy Kodak Series II it is easy to make clear, sharp pictures, right from the start, outdoors or indoors, in the daytime or at night. You need only become familiar with the few working parts of the camera and observe the simple suggestions on the pages that follow.

FOR BEST RESULTS, LOAD YOUR KODAK WITH KODAK FILM (See Page 20)

The JIFFY KODAK SERIES II

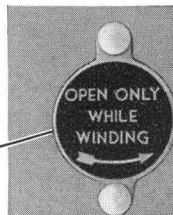
Simplicity Is Its Keynote Throughout

A CLOSE-UP of the Jiffy Kodak Series II. Its simple working parts are labeled for your convenience. Locate them on your own camera as you identify them in the illustration.



www.orphancameras.com
This extension should be used when making horizontal time exposures, see illustration at right. (No extension needed on Six-16 Model.)

1. **Lock for Back.** Fastens the back of the camera. To open the back, move the slide to "OPEN."
2. **Camera Standard.** Holds the camera level when set on a table. Folds back when not in use.
3. **Twindar Lens.** Adjustable for taking pictures of subjects "5 to 10 Feet" from the camera or "Beyond 10 Feet."
4. **Finders** for locating subjects to be photographed vertically or horizontally.
5. **Button** for opening front of camera. When pressed, camera front "pops" out to proper position.
6. **Winding Knob** for turning a new section of film into position after each picture.
7. **Indicator Lever.** Set at "I" to take snapshots. Set at "T" to take time exposures.
8. **Exposure Lever.** Press down as far as it will go—once for a snapshot; twice for a time exposure.
9. **Diaphragm Slide.** Has three sizes of lens openings through which light is allowed to enter the camera. It is pulled out to bring the two smaller size openings into position.
10. **Metal Cover** for red window on back of camera through which picture numbers are visible.



HOW TO LOAD the JIFFY KODAK SERIES II

FOR best results, load the Jiffy Kodak Series II with Kodak Film. Jiffy Six-20 uses Film No. V620, SS620, F620, or 620. Jiffy Six-16 uses Film No. V616, SS616, F616, or 616.

The camera may be loaded in daylight, but not in direct sunlight.

To open the back of the camera, move the slide under the carrying handle to "OPEN" (Figure 1).

Remove the paper band from around the roll of film, but keep the roll wound tightly. Place the full roll in the end of the camera adjoining the hinge of the back by pushing the roll of film against one of the spring flanges until the pins engage the holes in the spool (Figure 2).



Figure 1



Figure 2



Figure 3

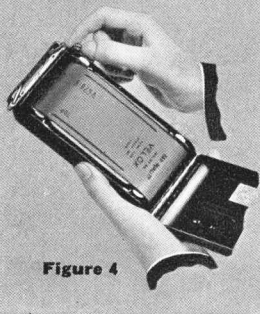



Figure 4

When the paper is drawn off the spool, the colored side of the paper must be up, and the black side towards the lens.

Thread the paper through the longer slit in the empty reel as far as it will go (Figure 3).

Turn the winding knob once or twice to bind the paper on the reel (Figure 4). **Be sure the paper is started straight.**

Close the back and move slide under the handle to "LOCK."

Push the metal slide that covers the red window on the back of the camera to one side and turn winding knob until a small hand  appears in the center of the window. Then turn the knob slowly until the figure one (1) appears in the window.

After each picture, turn the knob until a new number appears in the red window.

How to take **SNAPSHOTS** with the **JIFFY KODAK SERIES II**

TO take snapshots with the Jiffy Kodak Series II, observe these simple rules and you'll get good pictures from the start.

1. When ready to take a snapshot, *press the button* on the side of the camera, and the camera front will automatically "pop" out to the correct picture-taking position.

2. *Set the indicator lever* on top of the camera front at position "1."

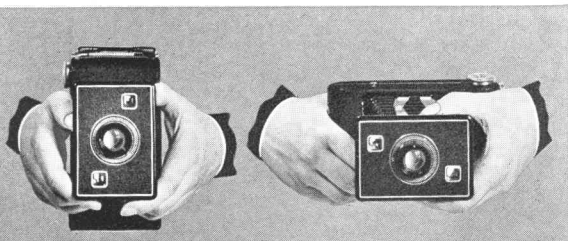
3. *Revolve the lens* so the white dot on the flange is at the arrow marked "Beyond 10 Feet," or at the arrow marked "5 to 10 Feet," depending upon the distance between camera and subject.

4. *See that the sun is behind your back* or over your right or left shoulder. Do not let the sun shine directly into the lens.

5. *Your subject should be in the open sunlight.* Satisfactory snapshots can often be made with subjects in *open shade* with clear sky overhead; and even on *slightly cloudy days*.

How to hold the Jiffy to take a vertical picture.

How to hold the Jiffy to take a horizontal picture.



6. *For a snapshot of a nearby subject* in the open, or a nearby landscape showing little or no sky, use the largest lens opening, *with the diaphragm slide pushed in* as far as it will go.

For an ordinary landscape in which sky shows, with a principal object in the foreground, use the middle lens opening. *Pull the diaphragm slide halfway out*, until the middle lens opening is centered in front of the lens, where it will catch.

For distant landscapes, marine or beach scenes, or for snow scenes without dark objects in foreground, use the smallest lens opening. *Pull the diaphragm slide out as far as it will go*, where it will catch.

7. *Locate the object or scene* you wish to photograph *in either the vertical or horizontal finder.* Be sure to hold the camera level.

8. *Hold the camera steady*, and *press the exposure lever* downward once, as far as it will go. *Do not jerk the lever*; press it slowly.

9. *After each picture*, push the metal slide on the back of the camera in the direction of the arrow and *turn the winding knob* until a new number appears in the red window.

10. *Keep the lens clean* and occasionally wipe out the inside of the camera.

11. If the subject is below normal height, like a child or a dog, the Kodak should be held down level with the center of the subject.



HOW TO UNLOAD the JIFFY KODAK SERIES II

TO unload the Jiffy Kodak Series II after the last picture on a roll of film has been made, turn the winding knob until the end of the paper on the roll passes the red window on the back of the camera.

In a subdued light, open the back of the camera. Hold the end of the paper taut and turn the knob until all the paper is on the roll (Figure 1). If the sticker folds under the roll, turn the knob to bring it up.

Take hold of the end of the protective paper and sticker to prevent the paper from loosening. Draw out the winding knob and remove the film (Figure 2). Fold under about one-half inch of the protective paper, and fasten it with the sticker.

The film is now ready for development, which should be done as soon as possible. You may have the work done by a photo-finisher, or you may do it yourself. Our

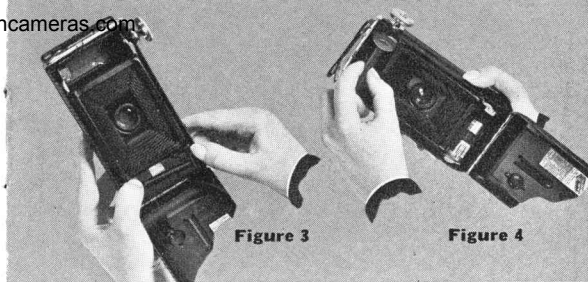


Figure 3

Figure 4

Service Department will be glad to send you, upon request, complete instructions for developing and printing.

Remove the empty spool in the camera by pushing one end of the spool to one side, at the same time pressing back the spring on the opposite end of the spool (Figure 3).

Place the spool in the winding end of the camera (Figure 4). The Jiffy is then ready for reloading. Load with Kodak Film—the film that comes in the familiar yellow box. Keep a roll in the camera and it will be ready at all times to take pictures. (See Page 20, “What Film To Use in Jiffy Kodak Series II and Why.”)



Figure 1

Figure 2

IMPORTANT: After removing the film from the Kodak, do not wind the film tightly with a twisting motion, or it may become scratched.

DAYTIME PORTRAITS INDOORS with JIFFY KODAK SERIES II

TO make an indoor portrait by ordinary daylight, similar to that shown here, have the subject stand or be seated in front of an unshaded window, with the body preferably at a diagonal to the camera.

Place a reflector (a sheet or table-cloth thrown over a screen or chair will do) a few feet from the subject and at the angle shown in the diagram. This is to reflect light to the shaded side of the face.

Set the indicator lever on top of the camera front at "T." The diaphragm slide should be all the way in; this brings the largest lens opening into position.

Place the camera in either a vertical or horizontal position on a solid support a little higher than an ordinary table. The camera must not be more than two or three inches from the edge of the support.

Locate the subject in

the finder. Turn the lens so that the white dot is at the arrow marked "5 to 10 Feet," or at the arrow marked "Beyond 10 Feet," depending upon the distance between the subject and the camera.

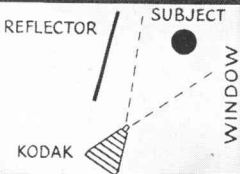
When ready to take the picture, steady the camera to keep it from moving and press the exposure lever once to open the lens. After one or two seconds—depending upon the quality of the light—press the lever again to close the lens.

If in doubt as to the proper exposure, take two pictures of the same subject, allowing twice as long an exposure time for the second picture as for the first.

Time Exposure PORTRAITS OUTDOORS

CLOSE-UP time exposures can be made outdoors with the sun shining brightly, by placing the subject in the shadow of a building or a large tree, **but with clear and unobstructed sky overhead.** This avoids unpleasant shadows on the face.

Set the camera as described for taking daytime portraits indoors, with the exception of the diaphragm slide, which should be pulled out as far as it will go to bring the smallest opening into position. Allow one to two seconds for the exposure.



ROOM INTERIORS by DAYLIGHT

TO make a picture of a room interior by daylight, set the indicator lever on top of the camera front at "T," and pull the diaphragm slide half way out until it catches to bring the middle lens opening into position.

Place the camera on a solid support in either a vertical or horizontal position, and compose your subject in the finder to include more of the floor of the room than of the ceiling.

So far as possible, leave the furniture in the room in its usual place, but be sure there are no pieces close to the camera lens.

Turn the lens until the white dot is at the arrow marked "5 to 10 Feet," or at the arrow marked "Beyond 10 Feet," depending upon the average distance the objects are from the camera.



EXPOSURE GUIDE

For Daylight Interiors Using the Middle Lens Opening or "Stop."
With largest lens opening give one-half the time; with the smallest opening, double the time.

	Bright sun	Hazy sun	Cloudy bright	Cloudy dull
White walls and more than one window.	4 secs.	10 secs.	20 secs.	40 secs.
White walls and only one window.	6 secs.	15 secs.	30 secs.	1 min.
Medium-colored walls and furnishings and more than one window.	8 secs.	20 secs.	40 secs.	1 min. 20 secs.
Medium-colored walls and furnishings and only one window.	12 secs.	30 secs.	1 min.	2 mins.
Dark-colored walls and furnishings and more than one window.	20 secs.	40 secs.	1 min. 20 secs.	2 mins. 40 secs.
Dark-colored walls and furnishings and only one window.	40 secs.	1 min. 20 secs.	2 mins. 40 secs.	5 mins. 20 secs.

These exposures are for rooms where windows get the direct light from the sky and for hours from three hours after sunrise until three hours before sunset. If earlier or later the exposures must be longer.

When ready to take the picture, steady the camera and press the exposure lever once to open the shutter. When the proper time has elapsed (see Exposure Guide), press the lever again to close the shutter.

After the last time exposure has been made, move indicator lever on top of camera front to "I" to be ready for snapshots.

SNAPSHOTS and other INDOOR PICTURES AT NIGHT by Artificial Light

TO take snapshots or other indoor pictures at night with the Jiffy Kodak Series II, you need only a roll of Kodak Film, a few Kodak Handy Reflectors, and a few Photoflood or Photoflash bulbs. The bulbs can be screwed into all regular lamp sockets.



PhotoFLOOD gives a steady light of great brilliance. Comes in two sizes for the amateur: No. 1, 25 cents; No. 2, 50 cents. The No. 2 bulb gives twice the light and lasts three times as long.



PhotoFLASH gives an instantaneous flash; it is good for one picture. No smoke, no noise. Comes in two sizes for the amateur: No. 10, 15 cents; No. 20, 25 cents. The No. 10 size is suitable for most indoor shots.

SNAPSHOTS with PHOTOFLOODS

TO take snapshots at night with the Jiffy Kodak Series II in rooms with light-colored walls, load camera with Kodak "SS" Pan Film. Arrange two bridge-type lamps* as

*Rooms with dark-colored walls usually require the use of additional Photoflood lamps and reflectors.

shown in the illustration, one about three feet from the subject; the other about four feet from the subject.

Replace the regular shades on the lamps with inexpensive Kodak Handy Reflectors, Model B, and place a No. 2 Photoflood bulb in each of the lamps.

See that the indicator lever on top of the camera front is set at "I," and be sure that the diaphragm slide is pushed in as far as it will go.

Compose your subject in either the vertical or horizontal finder of the camera and press the exposure lever just as you would to take a snapshot outdoors. The subject must be close to a light-colored background.

After each picture be sure to turn the winding knob until the next number appears in the red window on back of camera. **CAUTION:** Photoflood lamps, especially the No. 2 size, become quite hot and should not be kept burning any longer than necessary to take a picture. Do not permit the bulbs to come into contact with the fabric of shades on home lamps.



Quick TIME EXPOSURES with PHOTOFLOODS

TO make quick time exposures with Photofloods, load the camera with Kodak "SS" Pan, Panatomic, or Verichrome Film. Set the indicator lever on top of camera front at "T." Place camera on a solid support. Compose picture in finder. Revolve lens until white dot is in proper position. To make the exposure, press exposure lever once to open shutter, and again to close it.

Use the Exposure Table below:

EXPOSURE TABLE FOR TWO PHOTOFLOOD LAMPS

Using Kodak "SS" Pan Film
Double the exposure with Panatomic or
Verichrome Film

Distance Lamps to Subjects	Lens Opening	Exposure in Seconds				
		In Kodak Handy Reflectors (Model B)		In Ordinary Reflectors	Without Reflectors	
		No. 1 Lamps	No. 2 Lamps		*No. 1 Lamps	No. 1 Lamps
6 ft.	Largest	—	—	1/2	1	1/2
"	Middle	1/2	—	1	2	1
"	Smallest	1	1/2	2	4	2
10 ft.	Largest	1/2	—	1	2	1
"	Middle	1	1/2	2	4	2
"	Smallest	2	1	4	8	4

*With No. 2 Photofloods the exposure should be one-half or two-thirds of the exposure given for the No. 1 Lamps, depending upon kind of reflectors used.

PhotoFLASH PICTURES

FOR using the Photoflash bulb, adjust the camera the same as for making time exposures with Photofloods, see page 18.

Use a Photoflash bulb in any home lamp or a portable reflector unit having flash-light batteries. To make the exposure, turn out all lights (except a small light behind camera), direct the Photoflash at subject, open shutter, flash the bulb, and close shutter.



EXPOSURE TABLE FOR NO. 10 PHOTOFLASH LAMP

Use the largest lens opening. With the No. 20 Photoflash Lamp use the middle lens opening.

	In Kodak Handy Reflector (either size)		In Ordinary Reflector		Without Reflector
	"SS" Pan Film	Pana- tomic or Veri- chrome	"SS" Pan Film	Pana- tomic or Veri- chrome	"SS" Pan Film
Distance Lamp to Subject	15 ft.	10 ft.	10 ft.	6 ft.	6 ft.

What FILM TO USE in JIFFY KODAK SERIES II and WHY

THE kind of Kodak Film to use in your Jiffy Kodak Series II largely depends upon the kind of pictures you wish to take. The films referred to here will fill every picture-taking need.

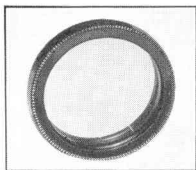
Kodak Verichrome Film—The finest all-purpose film. Has great speed and is well balanced for recording tone values of various colors in a black-and-white print. Its double coating guards against over- and under-exposure. 8 exposures. V616, 35 cents; V620, 30 cents.

Kodak Super Sensitive Panchromatic Film—Gives correct color *values* in a black-and-white print. It lengthens the snapshot day. Its speed makes it ideal for taking pictures at night by artificial light, and outdoor snapshots in the shade. 8 exposures; SS616, 40 cents; SS620, 35 cents.

Kodak Panatomic Film—It records color *values* correctly in a black-and-white print. It has an especially fine grain enabling the making of enlargements of astonishing size from Jiffy Kodak negatives. 8 exposures. F616, 40 cents; F620, 35 cents.

Kodak N.C. Film—The stand-by of millions of amateurs for more than thirty years. A film that has sufficient speed for average use. 8 exposures. 616, 30 cents; 620, 25 cents.

Useful ACCESSORIES for the JIFFY KODAK SERIES II



Kodak Portrait Attachment
Slip it over the lens of the Jiffy Kodak and make clear, detailed "close-ups" of people, and sharp, short-range pictures of flowers, art objects and other still-life subjects. With white dot on lens at arrow marked "Beyond 10

Feet," place objects exactly 3 feet 6 inches from the lens. With the dot at the arrow marked "5 to 10 Feet," place objects exactly 2 feet 8 inches from the lens. Size No. 7A for Jiffy Six-16; 6A for Jiffy Six-20. 75 cents.

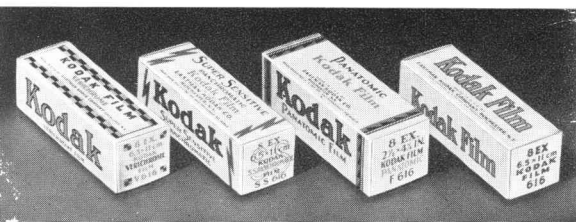
Kodak Diffusion Portrait Attachment—Fits over the camera lens and works like the above attachment. Adds a charm to pictures by giving them a pleasing softness. Size No. 7A for Jiffy Six-16; No. 6A for Jiffy Six-20. \$1.50.

Kodak Pictorial Diffusion Disk—For softening scenic pictures. Size No. 7A for Jiffy Six-16; No. 6A for Jiffy Six-20. \$2.50.

Kodak Sky Filter—A special disk that fits over the camera lens, half yellow, half clear. Beautifies scenic pictures by causing clouds to show up more clearly against a blue sky. Colored part of disk must be turned to cover the upper half of the lens. Size No. 7A for Jiffy Six-16; No. 6A for Jiffy Six-20. \$1.50.

Carrying Case—Saves wear and tear on the camera. Sturdily built. For Jiffy Six-16, \$1.85. For Jiffy Six-20, \$1.65.

Kodak Negative Album—A transparent envelope album for storing 100 negatives. Protects them from loss and damage. \$1.25.



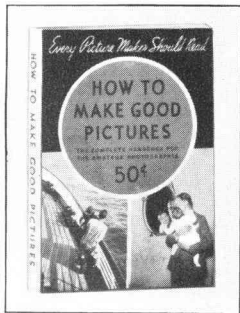


Darkroom Outfits—All the necessary supplies for developing and printing at home. Kodak Darkroom Outfit No. 1, \$8.75; No. 2, \$3.25. Other outfits as low as \$2.25.

Eastman Albums—Keep your prints in an album—safe from loss and damage. Eastman albums are good looking and make your prints appear at their best. Many styles to choose from—in a broad range of prices.

Kodak Snap-Stickers—Mount your prints with Kodak Snap-Stickers. Gummed on both sides they are first attached to the print, then to the album page where they hold the picture firmly. In books of 800. 10 cents.

Every Picture Taker Should Read "HOW TO MAKE GOOD PICTURES"



A PHOTOGRAPHIC "best seller." Explains in non-technical language every phase of photography in which the amateur is apt to be interested, including methods of making pictures, developing, printing, enlarging, coloring, interior photography, home portraiture, etc. Profusely illustrated. 50 cents at your dealer's.

All prices in this manual are subject to change without notice.

AT YOUR SERVICE The Service Department

THOUGH the essential directions for obtaining good pictures with the Jiffy Kodak Series II are given in this manual, further information on any subject discussed, or any other subject in photography, may be obtained by writing our Service Department. Send your negatives and prints to the department for helpful, constructive criticism of your work. There is no charge—no obligation.

You are also invited to send for a free copy of "At Home with Your Kodak," and "Picture Taking at Night," two booklets containing suggestions and diagrams for taking interesting pictures both indoors and outdoors.

Address all Communications

**SERVICE DEPARTMENT
EASTMAN KODAK COMPANY
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