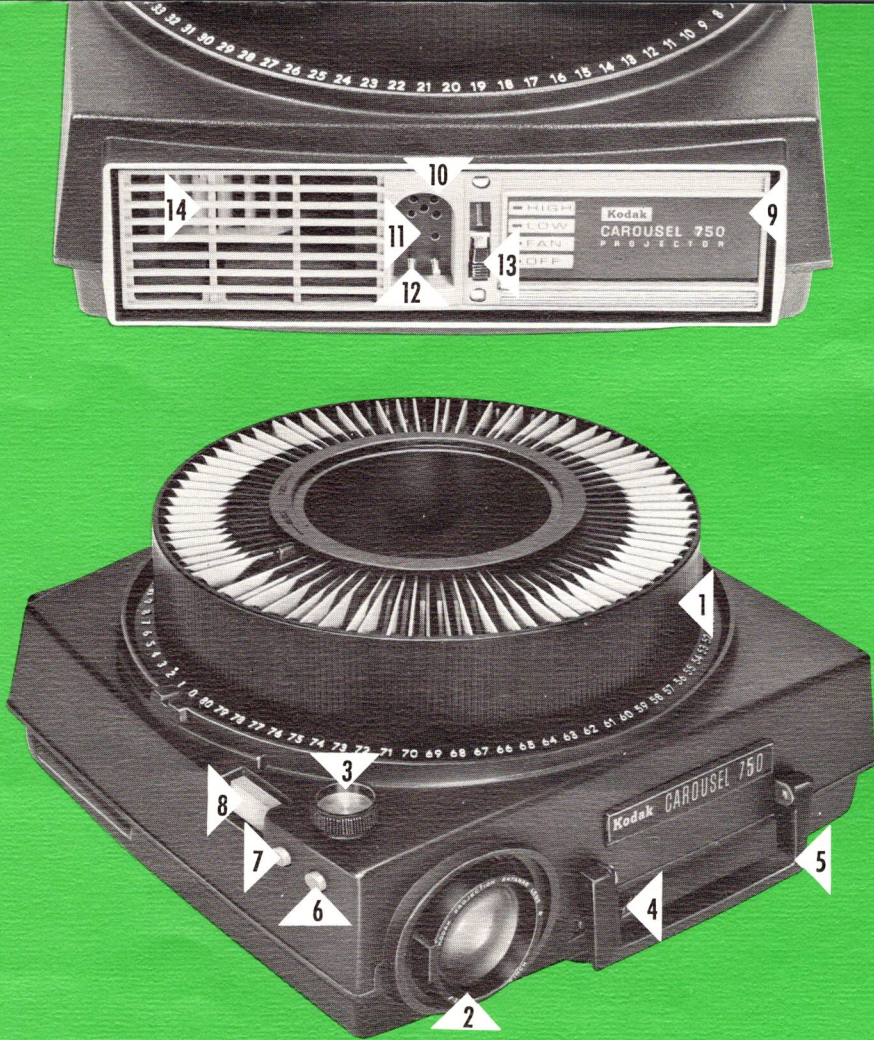




Kodak

**CAROUSEL
750
Projector**

- 1 SLIDE TRAY
- 2 LENS
- 3 FOCUS KNOB
- 4 ELEVATION WHEEL
- 5 HANDLE
- 6 FORWARD BUTTON
- 7 REVERSE BUTTON
- 8 SELECT BAR
- 9 ILLUMINATED CONTROL PANEL
- 10 REMOTE CONTROL RECEPTACLE
- 11 DISSOLVE CONTROL RECEPTACLE
- 12 POWER CORD RECEPTACLE
- 13 POWER SWITCH
- 14 FAN



The KODAK CAROUSEL 750 Projector contains the finest of all slide-showing systems. This jamproof, gravity-feed system utilizes a rotary tray—a precision unit that holds 80 slides. The projector provides the luxury of remote forward and reverse control of the slide tray and remote focusing at the lens—the comfort of sitting away from the projector with your guests. It has instant editing of any slide, anytime; handy controls; and a wide choice of projection lenses.

features

Jamproof • Design of this projector, with the slide tray on top, insures jamproof operation. Even though a bent or broken slide may "hang-up" in the gate, the slide tray can always be lifted off and the defective slide removed.

Round Slide Tray • Placed upright on top of the projector, the tray accommodates 80 slides. Tray accepts 28 x 28mm, 24 x 36mm, 28 x 40mm, and 1½ x 1½-inch slides in cardboard, glass, metal, or plastic 2 x 2-inch mounts. KODAK CAROUSEL Slide Tray accepts slides up to 1/10-inch thickness; KODAK CAROUSEL Universal Slide Tray accepts slides up to 1/8-inch thickness. Slide-identification numbers are molded on the tray. The lock ring fits on top of the tray and keeps slides from spilling. Ring is removable for loading or editing during projection.

Showing Single Slide • Single slides can be manually inserted into projector gate—retrieved by depressing *select bar*.

Showing Stacks of Slides • The KODAK CAROUSEL Stack Loader, available through Kodak dealers, permits showing of stacks of cardboard or thin plastic slides without loading them in a tray—capacity 40 slides.

Select-o-matic • Select-bar operation lets you show any slide in the tray at any time.

Minimizes Focus-Shift • Special, built-in duct circulates temperature-controlled air over every slide, "treating" each before projection.

Forward and Reverse Buttons • Permit changing slides in trays in either direction, at the projector.

Remote Changing and Focusing • Twelve-foot, remote-control cord (supplied) changes slides (forward or reverse) by simple push of a button. Focusing lever permits movement of the lens forward and back for away-from-the-projector focusing. Up to four 25-foot extension cords (available from your dealer) can be added to the twelve-foot remote control cord.

Power Switch • In OFF position, projector is completely turned off. In FAN position, fan operates with projection lamp turned off. HIGH and LOW settings provide a choice of brilliance for different projection conditions and lamp economy.

Handy Elevation and Focusing Controls • Finger-tip elevation wheel and focusing knob work smoothly, never need lubrication. Elevation from 0° to 6½°. Has adjustable rear "foot"—for leveling projector.

Big, Sharp Pictures • KODAK Projection Lenses give brilliant, needle-sharp pictures. The 3-, 4-, 5-, and 7-inch lenses, and the 4- to 6-inch zoom lens cover most projection requirements.

Compact • This KODAK CAROUSEL Projector is only 4 inches high, 11 inches wide, and 11 inches long. It weighs about 11 pounds.

Handy Storage Box • Provides a means of carrying and storing the projector.

Direct Dissolve Control • A special feature of this projector. Projector has built-in wiring for use of the KODAK CAROUSEL Dissolve Control, described on page 19.

simple steps for showing slides

Remove the power cord and the remote control cord from the cord compartment located in the bottom of the projector. Plug in the cords at the back of the projector.

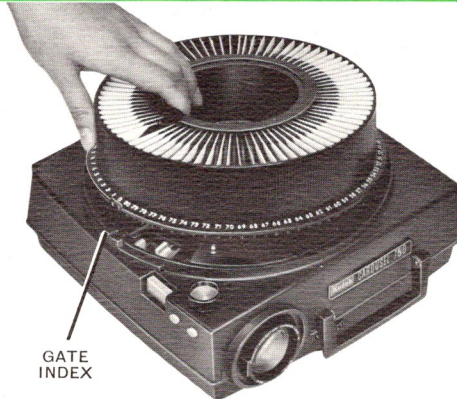
1

Plug power cord into ac power outlet. See page 6.



Seat loaded slide tray with identification number "0" opposite the GATE INDEX. See page 9.

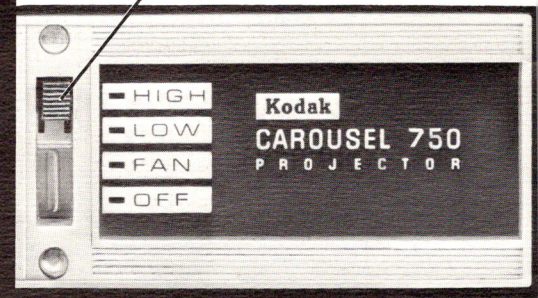
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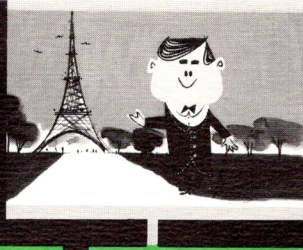


POWER SWITCH

3

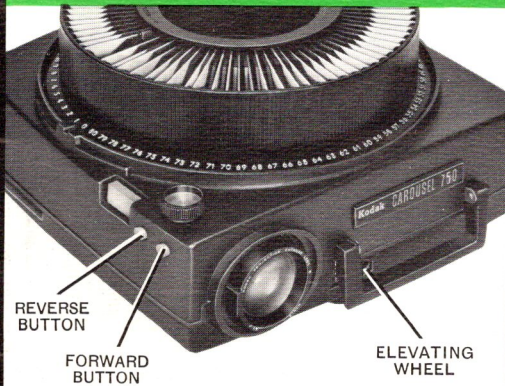
Slide POWER SWITCH to either HIGH or LOW.





Turn off the room lights. Center the lighted area on the screen. If necessary, raise the front of the projector by turning the ELEVATING WHEEL. See page 10. Momentarily depress the FORWARD BUTTON on the projector or the FOR (forward) button on the remote control to put the first picture on the screen.

4



Rotate the FOCUS KNOB in either direction, or move the remote-control FOCUS lever back and forth until the projected image is sharp.

5

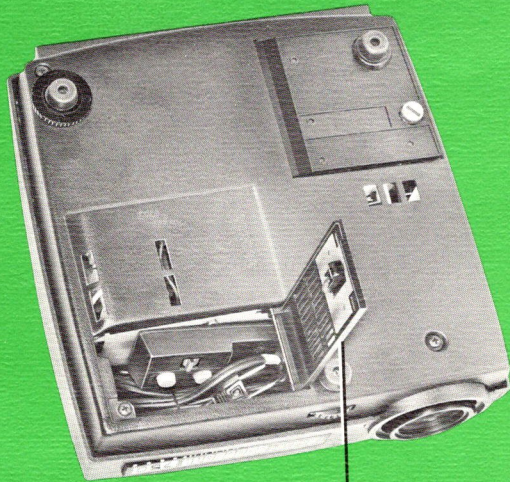


Momentarily depress the forward button on the projector or on the remote control to change the slides.

6



setting up



CORD COMPARTMENT DOOR

Projection Lamp Tips

- Rough treatment of projector may damage projection lamp.
- Allow for unrestricted flow of air to the air intake vents on the bottom and side of the projector, and the air exhaust vent at the rear.
- Projector is equipped with "HIGH"- "LOW" illumination switch—use of "LOW" position will prolong lamp life.
- Projector operation on line voltages above range specified, greatly reduces lamp life.
- Unplug power cord before inserting lamp in socket.
- See Projection Lamp Warranty.

POWER AND REMOTE CONTROL CORDS

Place the projector, bottom side up, on a table. Slide the cord compartment door latch in the direction of the arrow marked **OPEN**. Open the **CORD COMPARTMENT DOOR** and remove the power cord, and the remote control cord. Then close and latch the compartment door. Turn the projector upright.

Plug the remote control cord into the remote control socket at the back of the projector. The *small dot* on the plug should be upward when the plug is engaged in the receptacle.

POWER SUPPLY

The projector operates on 110- to 125-volt, 60 CPS (Hz), alternating current only. If you do not know the voltage of your electric line, ask your local electric service company. Plug the socket end of the power cord into the 2-prong, power-cord receptacle on the back of the projector; plug the other end of the cord into the electrical outlet.

SCREEN AND SEATS

Because slides may be square, horizontal, or vertical, a square screen is most convenient. It should be large enough for easy viewing by everyone present and should be at the same level as (or higher than) the projector.

For best results, the rear row of seats should not be further from the screen than six times the longer dimension of the projected picture. Place the seats as close as possible to both sides of the beam thrown by the projector. The picture appears most brilliant and lifelike when you are seated near the projector beam.

Distance in Feet from Projector Lens to Screen

Long Dimension of Projected Picture	126 Slides (28 x 28mm)					135 Slides (24 x 36mm)					828 Slides (28 x 40mm) and 127 (1 $\frac{5}{8}$ -inch sq.) Super-Slides				
	3-inch Lens	4-inch Lens	5-inch Lens	7-inch Lens	Zoom Lens—4" to 6"	3-inch Lens	4-inch Lens	5-inch Lens	7-inch Lens	Zoom Lens—4" to 6"	3-inch Lens	4-inch Lens	5-inch Lens	7-inch Lens	Zoom Lens—4" to 6"
40"	10	13	16	23	13 to 20	8	10	13	18	10 to 16	7	9	12	16	9 to 14
50"	12	16	20	28	16 to 25	10	13	16	23	13 to 19	8	12	14	20	12 to 17
60"	15	20	24	34	20 to 30	11	15	19	27	15 to 23	10	14	17	24	14 to 21
70"	18	23	29	41	23 to 35	14	18	23	32	18 to 27	12	16	20	29	16 to 25
84"	20	27	34	48	27 to 40	16	21	26	37	21 to 31	14	19	24	33	19 to 29

KODAK PROJECTION EKTANAR ZOOM LENS, 4-to 6-inch, f/3.5

This zoom lens lets you vary the size of the projected image so that it fills the screen without changing the projector-to-screen distance.

USING THE ZOOM LENS

1. Focus the projected image on the screen by rotating the focus knob in either direction.
2. Rotate the front part of the lens barrel until the picture fills the screen.
3. To obtain maximum image sharpness and desired image size, it may be necessary to alternately readjust the focus (by rotating focus knob) and the zoom lens setting (by rotating front part of lens barrel).

SLIDE TRAY

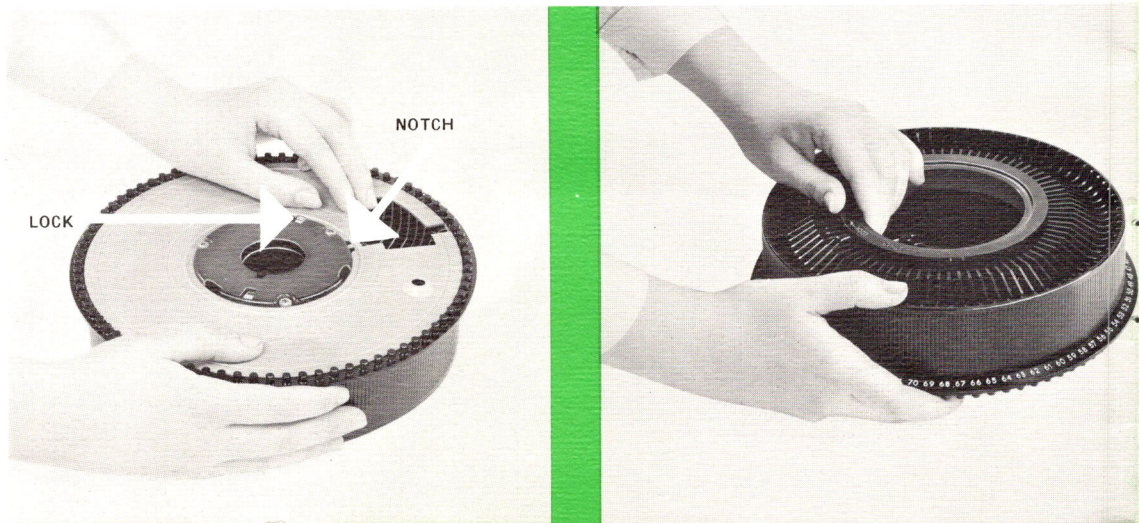
Furnished with the projector is a slide tray that holds 80 slides. The tray accepts 126 (28 x 28mm), 135 (24 x 36mm), 828 (28 x 40mm), and 127 (1½ x 1½-inch) slides in cardboard, glass, metal, or plastic 2 x 2-inch mounts. The KODAK CAROUSEL Slide Tray accepts slides up to 1/10-inch thick; the KODAK CAROUSEL Universal Slide Tray accepts slides up to 1/8-inch thick. *Slides mounted with loose or sticky tape, or mounts that have sharp glass corners are not recommended for use in the slide tray.* Slide-identification numbers are molded onto the tray. As the tray revolves, the number of the slide being shown will be opposite the gate index on the projector.



LOADING SLIDE TRAY

Check to be sure that the LOCK on the bottom of the tray is engaged in the NOTCH in the metal slide-retainer. If it is not, turn the retainer until the lock engages the notch in the retainer.

Remove the lock ring from the top of the tray by turning it in the direction of the arrow marked UNLOCK; then lift off the ring. Insert a slide in each slot in the tray, with the top of the picture down. The printed border or trademark side of each cardboard-mounted slide—or the emulsion (dull) surface of a slide mounted in glass, metal, or plastic—should face the next lower number. For example, the bordered,



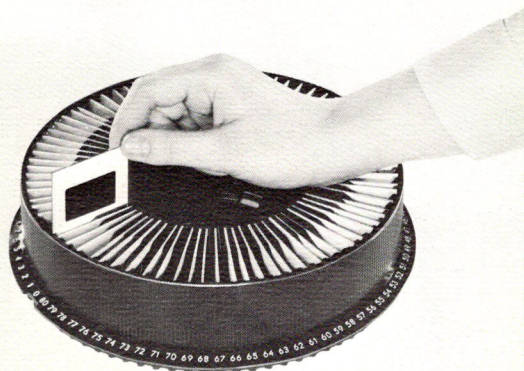
trademark (or emulsion) side of slide No. 2 should face toward slide No. 1; No. 3 should face toward No. 2, etc.

Replace the lock ring, turning it in the direction of the arrow marked LOCK until the ring is secure on the tray.

NOTE: If you wish to darken the screen after the showing of 80 slides, see the instructions on page 13 under "Editing Slides."

PLACING SLIDE TRAY ON PROJECTOR

Put the loaded slide tray on the projector so that the hole in the center of the tray fits over the center post on the top of the projector; then revolve the tray slowly until the identification number "0" is opposite the GATE INDEX on the projector. The tray will drop down into operating position on the top of the projector. If the slide tray does not drop easily into place, refer to "Loading Slide Tray" on page 8.



operation

PROJECT SLIDE

Turn on the projection lamp by sliding the power switch to either HIGH (500-watt illumination) or LOW (425-watt illumination).

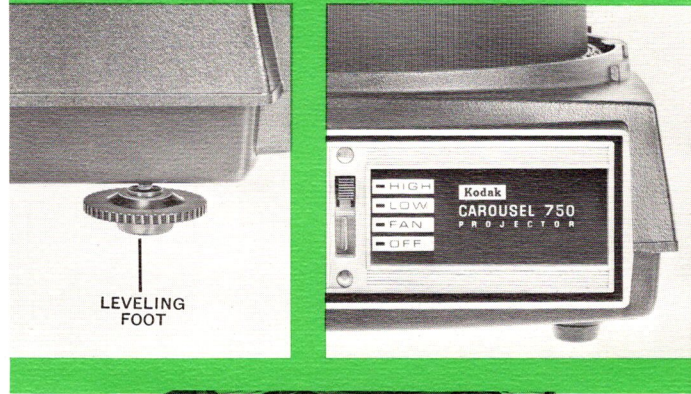
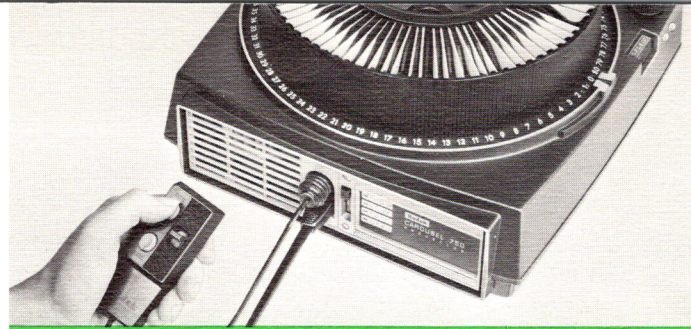
ELEVATION

To center the lighted area on the screen, elevate the front of the projector by turning the ELEVATING WHEEL. If the lighted area is not aligned with the screen, an adjustment may be made with the LEVELING FOOT.

FOCUS

Momentarily depress the forward button on the side of the projector or the FOR (forward) button on the remote control, to put the first slide into viewing position.

Focus the picture on the screen by rotating the FOCUS KNOB in either direction or by pushing the focus lever on the remote control back and forth.



FORWARD AND REVERSE BUTTONS

Forward and reverse buttons, located on the side of the projector, control the direction of the slide tray. The reverse button must be *firmly* pressed. Momentarily depress the forward or reverse button to change the slides in either direction.

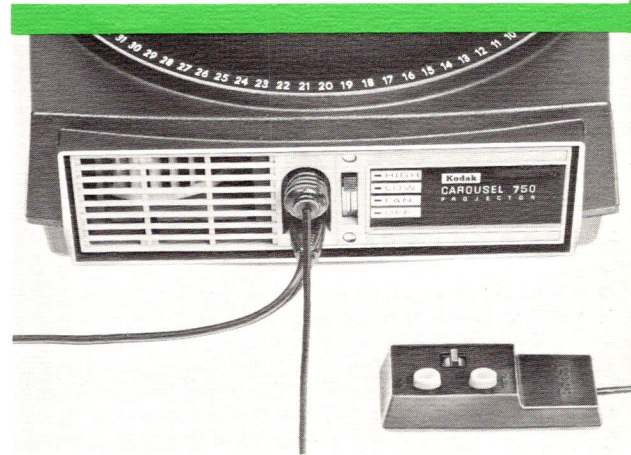
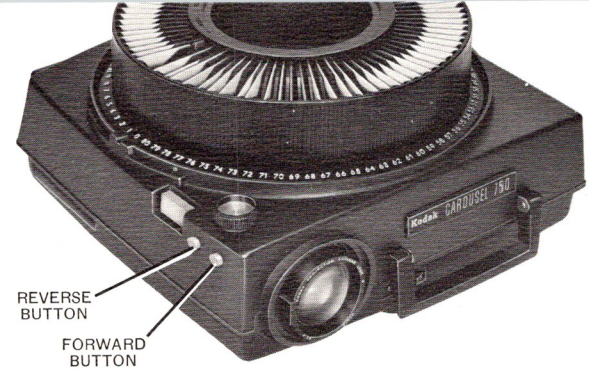
REMOTE CONTROL

The remote control has both FOR (forward) and REV (reverse) buttons for controlling the direction of the slide tray and a FOCUS lever for power-focusing the lens. The REV (reverse) button must be *firmly* pressed.

Momentarily depress the forward or reverse button to change the slides in either direction.

The fully automatic operation can be interrupted at any time by use of the forward or reverse button on the remote control. Momentarily pushing the focus lever forward or backward causes the projection lens to move forward or backward respectively to adjust focus.

Important: If the reverse button is not depressed firmly, the slide tray may rotate in a forward direction.





FOR LONG-RUN APPLICATIONS

- Allow for unrestricted flow of air to the projector openings. If the projector is used in a window display or in a cabinet, be sure to provide an adequate outlet for the warm air expelled from the rear grill vent. In some applications, additional ventilation may be needed. The air circulating through the projector should be as dust-free as possible.
- Better cooling results if cool air is available to the projector. *Normal* room temperatures are adequate.
- If the projector is used outside it should be protected from the elements.

THERMAL FUSE

Your projector is equipped with a thermal fuse which automatically safeguards the projector against overheating. If

overheating causes the fuse to open, the projector will not operate. The projector will require factory or repair station attention to make it run again. Refer to the service facilities listed at the back of your instruction manual.

REMOVING SLIDE TRAY

1. With the projector turned on, depress firmly and hold the SELECT BAR down.
2. Rotate the slide tray until the identification number "0" is opposite the gate index on the projector.
3. Release the select bar and then lift off the slide tray.

SKIP-PROJECTION

1. Depress firmly and hold the select bar down.
2. Rotate the slide tray until the number of the slide you wish to project is opposite the gate index on the projector.
3. Release the select bar; the selected slide will be immediately projected. This permits your showing any individual slide out of sequence.

EDITING SLIDES—SHOWING SINGLE SLIDES

If this is the first time you have viewed the slides, you may want to edit them in the slide tray, or you may wish to show single slides by inserting them into the gate as illustrated above, or by using the KODAK CAROUSEL Stack Loader, described on page 18.

Without Slide Tray

Insert a slide, correctly oriented, into the projector gate. Push the slide down into the gate as far as it will go. After viewing the slide, depress the select bar to eject the slide from the gate. The slide can now be reoriented (if necessary) or replaced by another slide and then loaded into a slide tray. Slides of any type or thickness can be shown by this method.

With Slide Tray

Put the tray of slides on the projector. Remove the lock ring from the tray. To edit a slide after viewing, depress firmly and hold down the select bar; then remove the slide from the tray.

If you wish to project a slide while you are changing slide trays, insert the slide into the projector gate before putting the slide tray in position. If you want the screen to be dark after you have shown a tray of slides, insert a 2 x 2-inch piece of thin cardboard into the gate before putting on the slide tray. The extra slide or piece of cardboard (only one can be put in the gate) will enter the blocked-off space in the slide tray during projection and be returned to the gate when the slide tray is removed. You can leave it in the gate and use it each time you project a tray of slides.

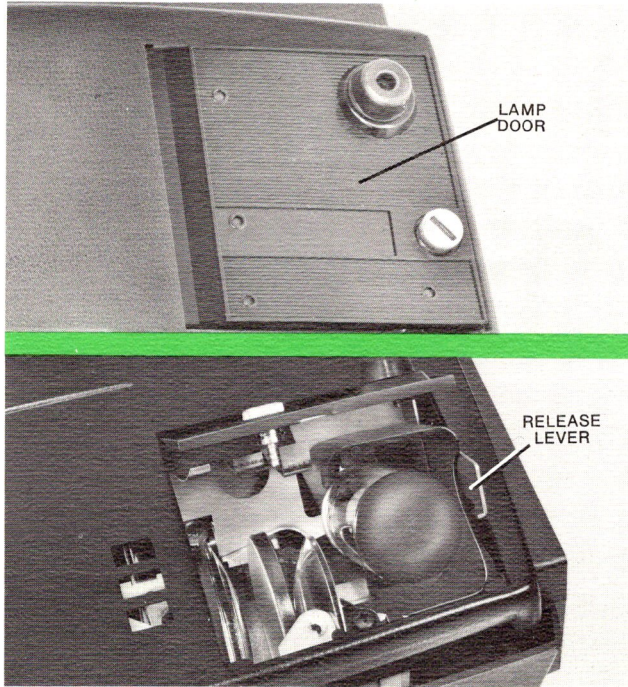
SERIAL NUMBER A serial number is stamped on the bottom of each KODAK CAROUSEL Projector near the cord compartment. Make a note of this number for your records.

AFTER THE SHOW

1. Remove the slide tray; then slide the power switch to OFF.
2. Lower the front of the projector by turning the elevating wheel. Retract the leveling foot.
3. Retract the lens by turning the focus knob.
4. Unplug the power and remote control cords. Fold the power cord by putting the two ends of the cord together and folding it in about 4-inch lengths. Fold the remote control cord in the same manner. Put the cords into the cord compartment in the bottom of the projector.

CARE OF THE PROJECTOR

After use, it is good practice to make sure that the power cord is disconnected and that the projector has cooled sufficiently before attempting to clean the projector or replace a lamp. Cooling can be accelerated by running the projector with the power switch set at FAN.



PROJECTION LAMP REPLACEMENT

You have a choice of two projection lamps—ASA Code DEK (average 25-hour lamp life with power switch at HIGH—500-watt illumination and average 100-hour lamp life with

power switch at LOW—425-watt illumination) or ASA Code CBA (average 50-hour lamp life with power switch at HIGH—500-watt illumination and average 200-hour lamp life with power switch at LOW—425-watt illumination). If you decide to install an ASA Code CBA lamp, observe several precautions:

1. Always grasp the lamp by the ceramic cap which fits over the top of the lamp.
2. To avoid leaving fingerprints, be careful not to touch the transparent portion of the lamp. If fingerprints are left on the lamp, wipe it carefully with a clean, soft cloth soaked in rubbing alcohol.
3. Leave the ceramic cap on the CBA lamp to insure adequate heat dissipation.

CAUTION: Be certain that the projector and the projection lamp have cooled before you replace the lamp.

To replace a lamp, turn the projector bottom side up. Open the LAMP DOOR by turning the coin-slotted door screw counterclockwise until the door can be opened to the position illustrated. Do not force the door farther. Push the lamp RELEASE LEVER upward toward the lamp door to release the lamp from the socket. Then lift out the lamp.

To install the new lamp, first push the lamp release lever downward to its original position. Then place the center post of the lamp in the center hole of the socket and rotate the lamp until the key on the center post locates in its socket slot. Push the lamp in all the way. Close and secure the lamp door.

CLEANING

The optical system of your projector must be kept clean if it is to continue to give the best results. Dust or fingerprints on the lenses will reduce the brightness of the picture on the screen and will cause it to appear unsharp or flat.

Projection Lens—Turn the focus knob until the lens is out as far as it will go. Carefully push the focus knob toward the side of the projector; at the same time, withdraw the projection lens. With a soft, clean, lintless cloth or KODAK Lens Cleaning Paper, wipe the front and back surfaces of the lens.

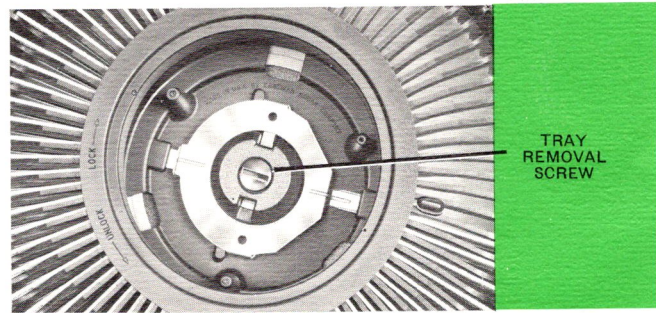
Replace the lens by again pushing the knob toward the side of the projector and guiding the lens back into position. The lens should be far enough into its recess that the gear teeth on the side of the lens barrel will be engaged by the gear on the focus-knob shaft.

Condenser Optics—Turn the projector bottom side up. Open the lamp door as described on page 14. Carefully lift out the condenser lenses and the heat-absorbing glass, one at a time. Clean both sides of the condenser lenses and heat-absorbing glass with a clean, soft, lintless cloth or KODAK Lens Cleaning Paper. Be careful not to leave fingerprints on the elements. Replace the condenser lenses and heat-absorbing glass. The small condenser lens fits in the guides nearest the projection lamp, with the flat side of the condenser toward the lamp. The heat-absorbing glass fits in the center guides, and the large condenser lens fits in the guides nearest the front of the projector with the flat side of the condenser away from the lamp. Close and secure the lamp door.

OILING

All bearings are self-lubricating and require no oiling.

Emergency Slide-Tray Removal—If the slide-changing mechanism should become inoperative because of a defective slide, foreign object, etc., turn the coin-slotted TRAY REMOVAL SCREW in either direction, as far as it will go, to retract the tray lock. While holding the screw in this position, lift off the slide tray. Because the slide tray has been removed in this manner, the lock on the bottom of the tray is no longer engaged by the notch in the metal slide-retainer, as illustrated on page 8. With the tray placed upside down, turn the retainer until the lock engages the notch in the retainer; then remove the defective slide from the projector by pushing the select bar, or if necessary, pull the slide from the gate by hand. Replace the tray on the projector.

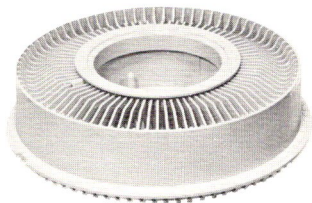
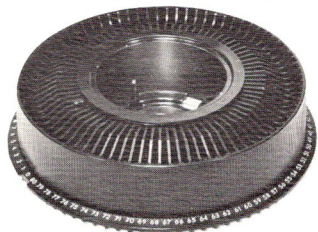


auxiliary equipment

KODAK CAROUSEL Slide Tray **KODAK CAROUSEL Universal Slide Tray**

Additional slide trays, supplied in attractive bookshelf-type storage boxes, are available from your dealer. Each box contains an identification card and tray sticker.

KODAK CAROUSEL Slide Tray



KODAK CAROUSEL Projector Case, Model B

Case accommodates projector, one slide tray, extra lenses, cords, and spare lamp. Made of gray, heavy-duty simulated leather. Provides complete protection plus convenience and attractive appearance during transportation and storage.



KODAK Carrying Case for KODAK CAROUSEL Slide Trays

Has two compartments so that three slide trays may be carried or a lesser number plus extension cords, lenses, and other miscellaneous equipment.



KODAK Projection Lenses (7)

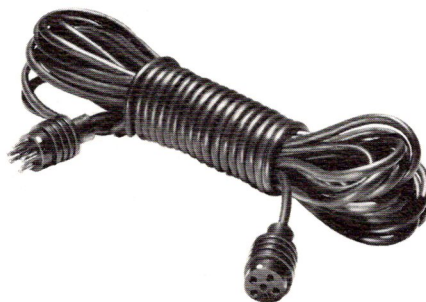
Give superb sharpness and color clarity.

KODAK Projection EKTANAR Lens, 3-in. $f/3.5$,
KODAK Projection EKTANAR Lens, 4-in. $f/2.8$,
KODAK Projection EKTANAR Lens, 4-in. $f/3.5$,
KODAK Projection EKTANAR Lens, 5-in. $f/2.8$,
KODAK Projection EKTANAR Lens, 5-in. $f/3.5$,
KODAK Projection EKTANON Lens, 7-in. $f/3.5$,
KODAK Projection EKTANAR Zoom Lens,
4 to 6-in. $f/3.5$.



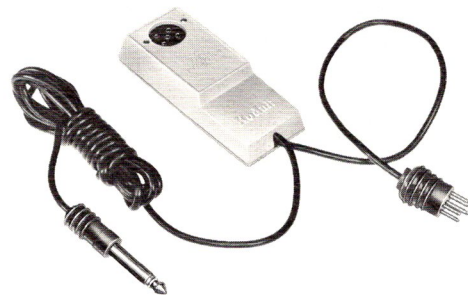
KODAK Remote Extension Cord, 25-foot

Extends the range of the 12-foot remote control cord so that you can operate the projector from a location near the screen. Up to 4 extension cords can be added to accommodate most projection distances.



KODAK CAROUSEL Sound Synchronizer, Model 2

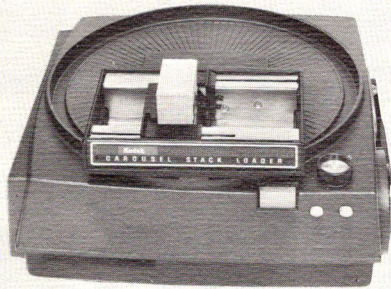
This unit permits a stereo record/playback tape recorder, that is equipped with an external speaker jack, to be used as a programmer with your projector. In operation, one of the tape tracks is used for "change slide" signals while the voice recording is made on the other track.



auxiliary equipment

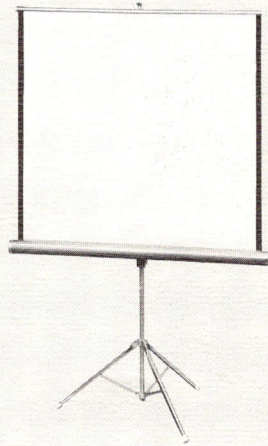
KODAK CAROUSEL Stack Loader

Lets you project and edit up to 40 2 x 2-inch slides in cardboard or very thin plastic mounts without having to load the slides into a slide tray.



KODAK Projection Screen (40 x 40 inches)

Designed for use at home with your projector. The KODAK Projection Screen is made of mildew-resistant fabric with a highly reflective, glass-beaded surface for bright screen images. The screen has easy-opening legs and can be adjusted for overall height from the floor.



KODAK CAROUSEL Programmer

Programmer lets you connect CAROUSEL Projector to a tape recorder . . . tape voice commentary and music, and put "trip signals" on tape for each slide. In playback, the sound synchronizes with each slide as it appears on the screen, and the "trip signal" changes each slide automatically at the correct moment.

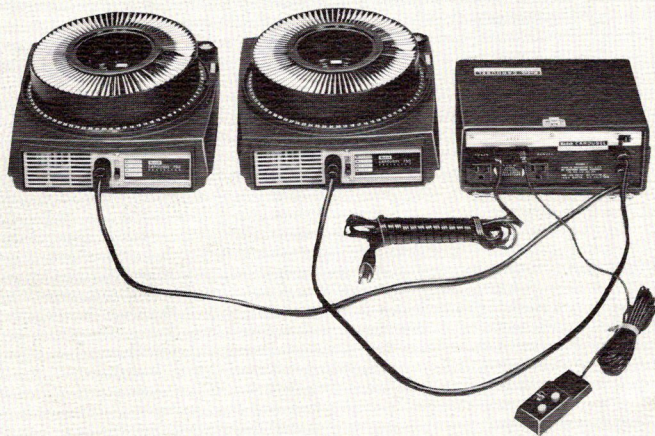


KODAK CAROUSEL Dissolve Control

For the ultimate in showing slides, the KODAK CAROUSEL Dissolve Control unit controls two CAROUSEL Projectors for fading one picture into another. Ideal for animation, sales presentations, display work or professional showings.

The unit plugs into a standard power outlet, and connects two projectors. It dims and brightens their lamps alternately, and changes

the slide on the dim projector. The cycle may either: be fully automatic, controlled by an automatic interval timing switch in the unit; or be manually operated, controlled by a remote push button switch when the remote control cord from one of the projectors is plugged into the unit.



Ideas for Better Color Slides

This manual shows you how easy it is to operate your KODAK CAROUSEL Projector. To help you make interesting slides you and your friends will enjoy seeing over and over again, Kodak publishes many fascinating idea books. They are available from your Kodak dealer.

New Adventures in Indoor Color Slides (AE-7). An idea book to help the color-slide fan explore new fields in indoor color shooting. Includes sections on flash and flood lighting.

New Adventures in Outdoor Color Slides (AE-9). An inspiring book of picture-taking suggestions—close-ups of flowers, story-telling sequences, sunsets and other dramatic lighting effects.

service facilities

If your Kodak projector should require service, complete facilities are provided in Rochester, as well as in Kodak Regional Marketing and Distribution Centers at the addresses listed below. Also, service covered under the warranty is available through independent service shops in many cities. For such local warranty-covered service, please see your Kodak dealer or refer to the yellow pages of your telephone directory under Photographic Equipment and Supplies—Retail (Kodak Factory-Approved Warranty Service).

in Rochester: **Eastman Kodak Company**
Central Equipment Services Center
800 Lee Road
Rochester, New York 14650

regional centers: **Eastman Kodak Company**
Regional Equipment Services Center

3250 Van Ness Avenue
San Francisco, California 94119

12100 Rivera Road
Whittier, California 90606

5315 Peachtree
Industrial Boulevard
Chamblee, Georgia 30005

P.O. Box 1260
1065 Kapiolani Boulevard
Honolulu, Hawaii 96807

1901 West 22nd Street
Oakbrook, Illinois 60523

1334 York Avenue
New York, New York 10021

1400 Hi Line Drive
Dallas, Texas 75207

warranty

Within a year after purchase, any repairs necessary to this KODAK CAROUSEL Projector due to a defect in materials or workmanship will be made or, at our option, the projector will be replaced without charge. No other warranty, express or implied, shall be applicable to this equipment. Nor are we responsible for loss of film, for other expenses or inconveniences, or for any consequential damages occasioned by the equipment.

In case of unsatisfactory operation, the projector should be sent directly or through a Kodak dealer to Eastman Kodak Company or a repair firm authorized by us to make such repairs. It should be accompanied by a description of the trouble encountered and other available information regarding the projector, including the date and place of purchase.

Consumer Markets Division
EASTMAN KODAK COMPANY
Rochester, New York 14650

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