



CARAMATE

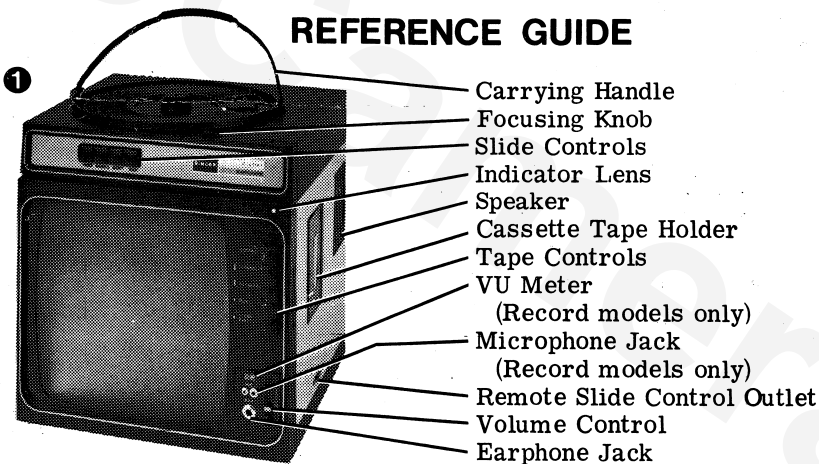
Guidebook

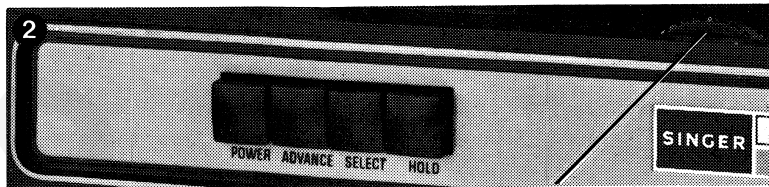
SINGER
EDUCATION DIVISION

This is your Singer Caramate.... It is a rear screen slide viewer with a big 9x9 inch screen. It is a high quality tape cassette player. The Record model allows you to record your own cassette tapes and cue them to the slides for smooth showing of a complete program. Designed and built with the utmost care, this fine projector will give you trouble-free performance for many years.

PLEASE TAKE THE TIME TO READ THESE OPERATING INSTRUCTIONS BEFORE YOU PROCEED.

REFERENCE GUIDE





FOCUSING KNOB

SLIDE CONTROLS

POWER: Turns power and lamp on and off. (Red indicator lens lights when lamp is on).

ADVANCE: Causes Carousel slide tray to advance. Also used to put cue pulse on tape when in record mode.

SELECT: Allows slide tray to be rotated freely for editing, showing slides out of sequence, or removal of tray after partial showing.

HOLD: Depressing button during a tape program will return the same slide to view as long as button is held.

FOCUSING KNOB: Turn to achieve best image.

REMOTE OUTLET: Lets you advance slide tray with the use of an accessory remote control cord.

TAPE CONTROLS

RECORD: Depress together with **PLAY** button when recording commentary or cue pulse. (Record models only)

REWIND: Rewinds tape.

FORWARD: Advances tape rapidly.

PLAY: Depress to play pre-recorded tape cassette, or together with **RECORD** button when recording commentary or cue pulses.

STOP/EJECT: Depressing this button lightly stops the tape. Depressing fully ejects tape cassette.



OTHER CONTROLS



VOLUME: Slide lever up or down for control of volume. Position is not important when recording.

MIC: Microphone receptacle. (Record models only)

VU METER: Offers visual indication of recording. (Record models only)

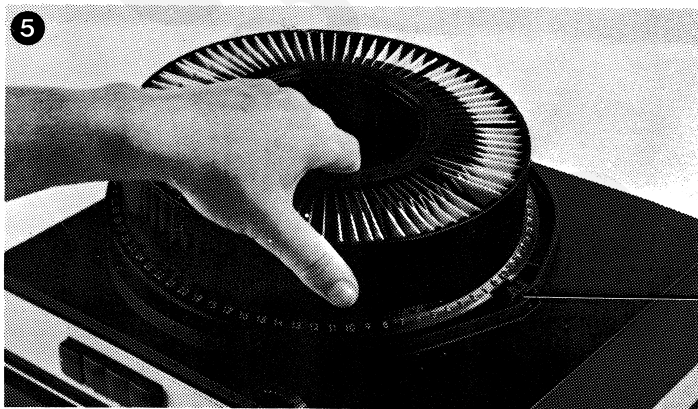
EAR: Receptacle provided for headphones.

REMOTE TAPE: Receptacle provided for remote control of tape deck motor. (Playback models only)

7 EASY STEPS TO SHOW A PROGRAM WITH PRE-RECORDED TAPE CASSETTE

1. Remove Power Cord from storage compartment in rear of your Caramate and plug into grounded wall outlet.

2. Place loaded slide tray (see page 8) on Caramate with notch in tray rim at "0" opposite zero pointer (Fig. 5).



3. Depress STOP/EJECT button to open cassette holder.

4. Place pre-recorded compact cassette in holder as shown (Fig. 6), with label facing outward. Close cassette holder.

5. Depress POWER button.

6. Depress PLAY button to start the program.

7. Adjust Focus and Volume.



LOADING SLIDE TRAYS

Your Caramate is equipped to use all Kodak Carousel* slide trays with 80 and 140 slide capacity and the Carousel stack changer. These trays will accept slides such as cardboard, plastic, metal and properly taped glass-mounted slides, up to 1/8" thick.

To load your slide tray:

1. Turn tray upside-down to check that tray base is at "0" with the slide holder (Fig. 7). If it is not, rotate the base until the slide holder is at "0".



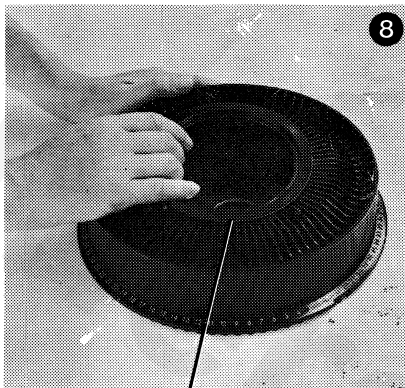
80 SLIDE TRAY SHOWN.

* T.M. Eastman Kodak Co.

2. Turn **LOCKING RING** in direction of arrow marked **UN-LOCK** and remove ring (Fig. 8).

3. Insert slides, starting at identification number 1 molded into rim of tray. The top of the picture must be down, and the emulsion (dull) side of the slide should face the next lower number.

4. After all slides have been inserted replace the locking ring (Fig. 8) and lock. Do not forget to replace this ring to prevent spilling the slides when moving the tray. Trays loaded properly for showing in the Kodak Carousel projector can be used directly with the Caramate.



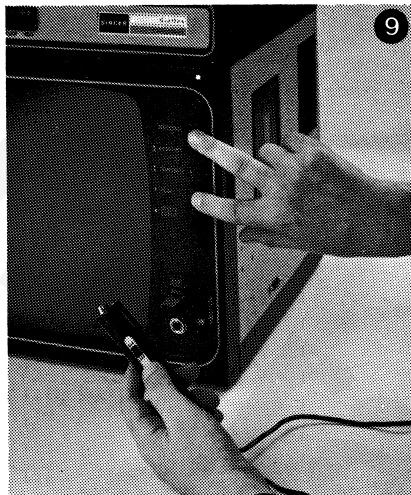
LOCKING RING

RECORDING (Record Models only)

Preparation of a program is best done in three steps.

A. Write a script. B. Record it on tape. C. Add the cue pulses.

1. Insert blank tape cassette (see Fig. 6).
2. Plug in microphone, making sure that microphone switch button is in the OFF position.
3. Push POWER button on Caramate.
4. Depress PLAY and RECORD buttons at the same time (Fig. 9).
5. Record your commentary, using the ON-OFF switch on the microphone to start and stop the tape transport.



6. Push STOP/EJECT button to stop the tape.

7. Remove the microphone.

8. Depress REWIND button to return tape to the beginning.

Now you are ready to cue the commentary to your slides:

1. Place loaded and edited slide tray on Caramate.

2. Depress PLAY and RECORD buttons at the same time. (With the microphone removed, the Record mode will record on the cue track only leaving audio track unaffected.)

3. Listening to your commentary, depress ADVANCE button every time you want to advance

to the next slide. This records the cue pulses for automatic slide changing.

4. Rewind tape and depress STOP/EJECT button fully to remove tape cassette.

NOTE: Both audio and cues can be recorded simultaneously with the microphone connected, however, the method given is preferred for better program continuity.

HOW TO USE THE SPECIAL FEATURES

EDITING SLIDES

Place loaded slide tray on Caramate and remove the locking ring from tray. Turn power on and use the ADVANCE button to view slides one by one. To edit a slide push SELECT button. The slide will be raised for easy removal.

SYNCHRONIZING SLIDES WITH TAPE

Depressing the FORWARD button of the Tape Controls will advance tape rapidly for partial showing of a program.

Should your slides get out of sequence with the commentary on tape:

Depress HOLD button to return the same slide to view until commentary on tape has caught up.

Or depress and hold the ADVANCE button to advance slides continuously for catching up with the commentary on tape.

INTERRUPTING PROGRAM FOR COMMENTARY

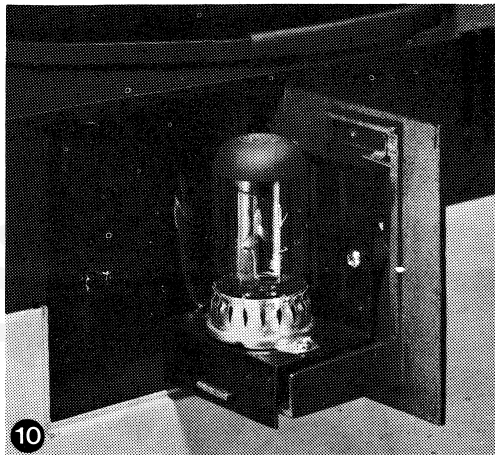
With the microphone connected and the projector in the PLAY mode, the program can be stopped by placing the ON/OFF switch on the microphone in the OFF position, allowing voice comment interspersed with the program. To continue the program, place switch in ON position.

REPLACING PROJECTION LAMP

Open access door in rear of Caramate (Fig. 10). Pull lamp straight up. CAUTION: Lamp may be hot. Align ridge on center pin of replacement lamp with groove in socket. Push down firmly until it is seated properly. Use 150 watt, ASA code CAR lamp for replacement.

CLEANING

The tape deck head of your Caramate requires periodic cleaning. Use a commercially available cleaning tape or moisten a Q-tip with alcohol and wipe tape head carefully.



OILING

All bearings are self-lubricating and require no oiling.

EMERGENCY SLIDE TRAY REMOVAL

To remove a tray when slide changer does not function because of jamming, turn coin slotted screw in bottom center of slide tray in either direction as far as it will go. While holding screw in this position, lift off the slide tray. When a tray is removed in this manner the lock in bottom is no longer engaged by the notch in metal slide retainer. Turn tray upside down (see Fig. 7) and rotate base until slide holder is returned to "0". Then remove the cause of malfunction and replace slide tray.

OPTIONAL ACCESSORIES

REMOTE SLIDE CONTROL

Plug into outlet provided in right side of Caramate. Depress switch momentarily to advance one slide. Use this control for untaped presentation or with audible cues. Cues cannot be recorded by advancing slides using the remote control.

REMOTE TAPE CONTROL

Plug into smaller of the two MIC receptacles. Allows you to start and stop the tape remotely, provided POWER is on and PLAY button has been pushed.

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