

WILSONWERKS ARCHIVES

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MODEL

200, 400, 800 AND 880

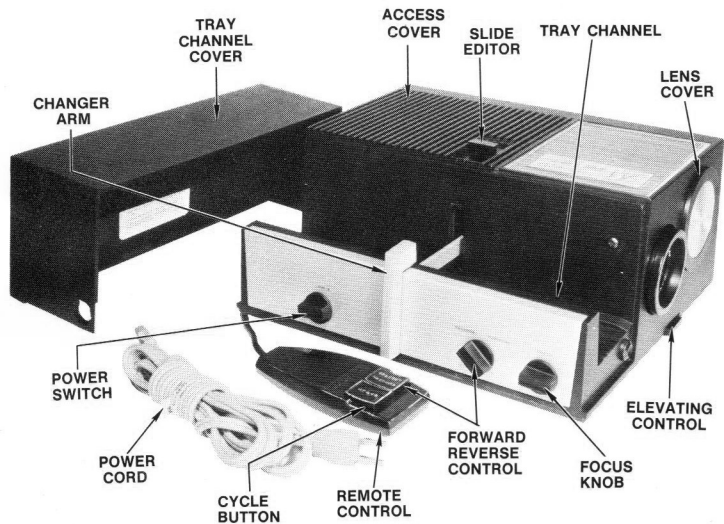
INSTRUCTION MANUAL



**QUALITY
PROJECTORS
FOR 2x2 SLIDES**

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QUICK SET-UP INSTRUCTIONS

IMPORTANT: Read entire instruction book for detailed information.

- Load slides into tray.
- Remove cover.
- Open lens cover.
- Plug in power cord.
- Turn on lamp and blower.
- Position slide tray.
- Focus first slide with focus knob.
- Center image on screen.
- Use changer arm to change slide.
- Turn forward-reverse knob to select tray direction.
- Begin show.
- After the show, see instructions on Page 6.

TO OPERATE

Place projector on a firm support of convenient height with projected image centered on the screen. Use the following chart to establish projector to screen distance.

PROJECTOR COVER REMOVAL

To remove cover, simultaneously press both release catches and lift off.

Swing the round lens cover on the front of projector up to expose projection lens.

POWER CORD

Use 110/120 volt 60 cycle A.C. electrical outlets only. The power cord can be stored in the projector tray channel under changer arm or in the projector cover and plugs into receptacle on rear of the projector.

CAUTION: TOP AND BASE VENTS MUST BE CLEAR TO PREVENT OVERHEATING.

POWER SWITCH

Rotate projector control switch clockwise to turn on projection lamp and blower. Warm air is diverted into tray channel to "preheat" slides and minimize slide popping.

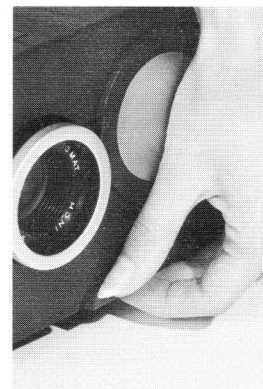
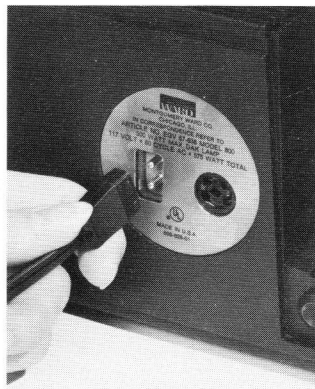
ELEVATION CONTROL

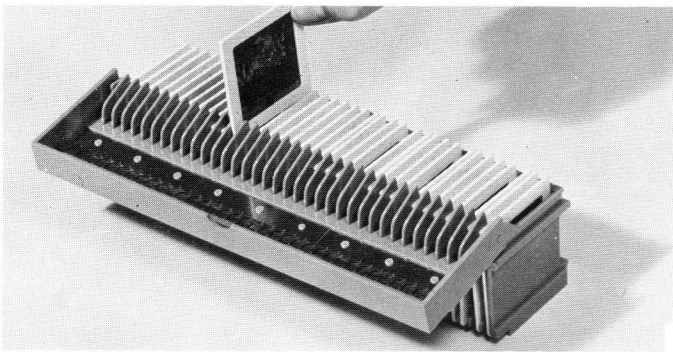
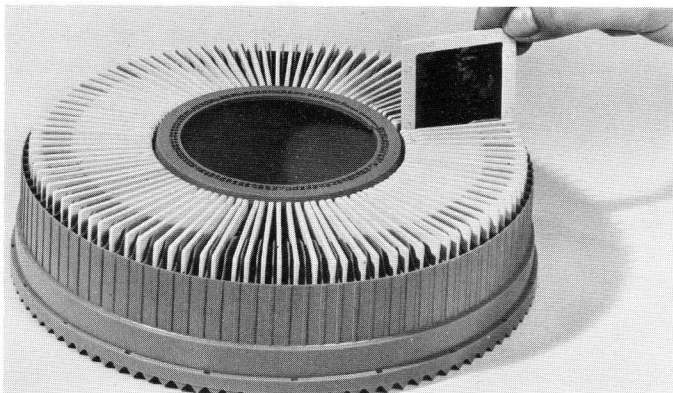
To raise projected image on the screen, lift front of projector, push down on elevation control and release, locking elevating foot in position. Retract leg by pushing down on control and lowering the projector.

APPROXIMATE SCREEN-TO-PROJECTOR DISTANCE FOR SHOWING 35MM SLIDES OR SUPER SLIDES

SCREEN SIZE	3" LENS	4" LENS	6" LENS	7" LENS
30"x 30"	5 ft.	8 ft.	10 ft.	13 ft.
40"x 40"	7 ft.	10 ft.	14 ft.	17 ft.
50"x 50"	9 ft.	12 ft.	18 ft.	22 ft.
70"x 70"	13 ft.	17 ft.	26 ft.	30 ft.
100"x100"	18 ft.	24 ft.	36 ft.	44 ft.
144"x144"	27 ft.	36 ft.	54 ft.	63 ft.

A greater projector-to-screen distance is required to fill screen with a 126 slide image.





LOADING THE 100-SLIDE WHEEL TRAY

Place Wards 100-Slide Wheel Tray on a table with open side of slots up, and slot No. 1 to the right. Starting with slot No. 1, insert slides with top of picture toward the outside of tray and emulsion (dull) side of film facing you. Continue until all slides have been inserted.

POSITIONING 100-SLIDE WHEEL TRAY IN PROJECTOR

Pull changer arm out fully until it clicks and place tray into tray channel with the open side of slots toward projector body. Rest tray on two nylon guides in the tray channel and rotate until slide No. 1 is lined up opposite changer arm. Push changer arm in to project the first slide.

LOADING THE EASY-EDIT® SLIDE TRAY

Open the EASY-EDIT® Tray by pressing on round catch at the side of tray and lifting hinged cover. Place tray so numbers face you, and insert first slide upside down in slot No. 1 with the emulsion (dull) side facing away from you. Continue until all slides have been inserted.

POSITIONING EASY-EDIT® TRAY IN PROJECTOR

Pull changer arm out fully until it clicks and place tray into tray channel with open side of slots toward projector body. Position slide tray in the channel with slide No. 1 opposite changer arm. Push changer arm in to project the first slide.

MANUAL FOCUSING

Focus slides by turning the focus knob located on the control panel of the projector.

AUTOMATIC FOCUSING

(Model 800, 880)

After projecting the first slide and focusing it manually, the projector will automatically maintain each succeeding slide in focus. Badly warped slides may require manual focusing.

If the projector or screen is moved during projection, the next slide must be refocused manually. Do not attempt to adjust or alter the automatic focus mechanism inside the projector.

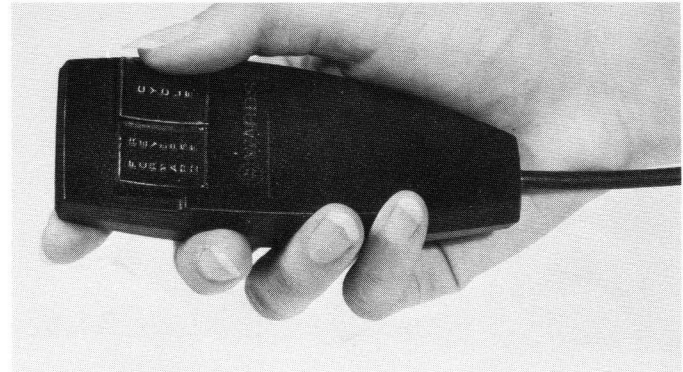
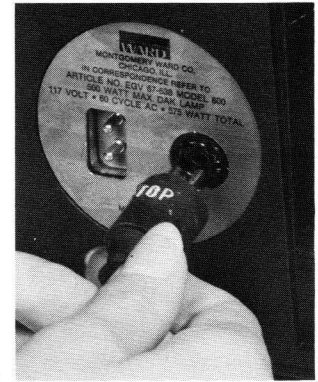
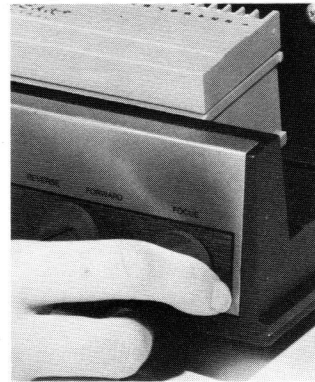
REMOTE CONTROL

(Models 400, 800, 880)

To use the remote control unit plug the male end of the 10-foot remote cord into the exposed round receptacle located on the rear of the projector.

CHANGING SLIDES

Slides can be changed automatically by pressing the CYCLE button (on remote control models) or manually by pulling out the changer arm until a positive "click" is heard and then pushing in the arm to project the next slide.

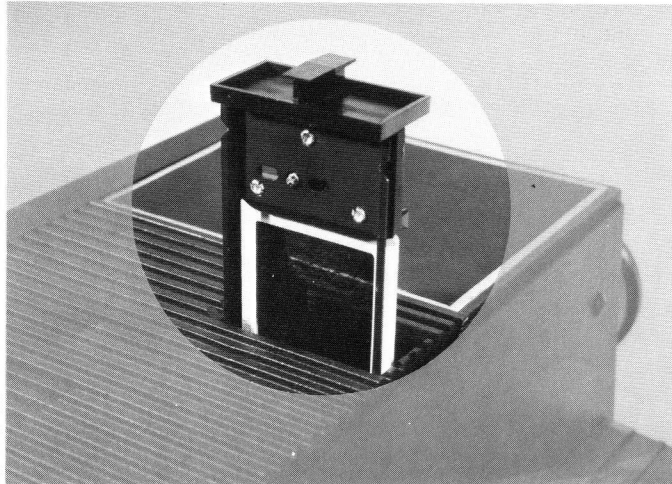


FORWARD-REVERSE

Slide tray direction can be changed by turning the forward and reverse knob on the control panel to the desired direction. On models 400, 800 and 880, direction may also be changed by pressing the forward-reverse button on the remote control unit.

SLIDE EDITOR

The editor can be used to project individual slides without a tray or stack loader, to load a slide tray insuring proper slide order and orientation, to break into a slide show with extra slides, or to reposition slides.



Projecting Individual Slides Without Tray

The slide changer arm **MUST** be fully inserted into the projector before raising the editor. Pull the editor up and insert slide upside down, with the emulsion (dull) side toward the projection screen. Be sure the slide is centered in the editor.

Lower the editor to project the slide. Do not cycle projector with the slide editor up.

Loading Slide Tray

Insert empty tray into projector lining up the slot number opposite the changer arm. Push changer arm in and lift editor. Insert slide and lower editor. To load slide into tray slot and advance tray to next position, push **CYCLE** button or pull changer arm out manually until a positive "click" is heard.

Breaking Into Slide Tray Showing

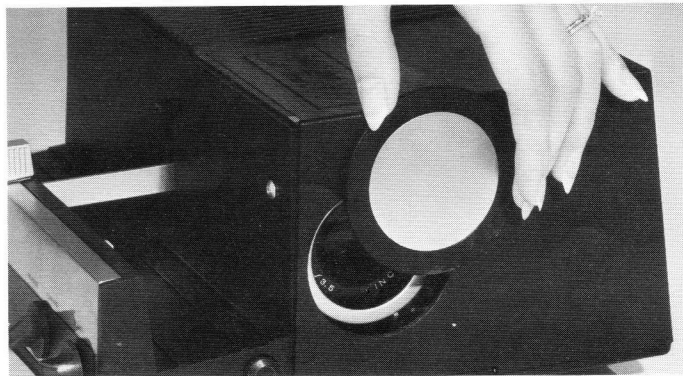
Lift the editor to remove the slide being projected. Show extra slides using editor as described above. Then replace the original slide, lower the editor, and proceed with the show. The slide sequence in the tray has not been altered.

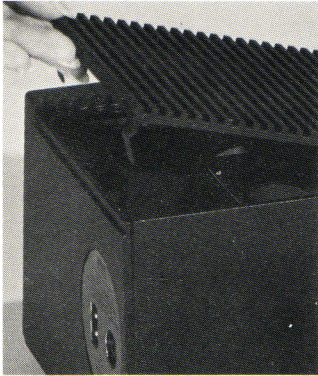
The editor also allows substitution of slides in the tray or repositioning of incorrectly placed slides.

IMPORTANT: If projector fails to cycle, make certain the slide editor is fully closed (down).

AFTER YOUR SLIDE SHOW IS OVER

1. TURN POWER SWITCH OFF and allow the projector to cool before moving.
2. PUSH IN CHANGER ARM.
3. STORE REMOTE CONTROL UNIT either in the projector cover or in the slide tray channel.
4. UNPLUG POWER CORD and store with the remote cord.
5. RETRACT ELEVATION LEG. Push down on the elevation control and gently lower the projector.
6. RETRACT PROJECTION LENS FULLY.
7. REPLACE TRAY CHANNEL COVER.
8. CLOSE LENS COVER.





PROJECTOR CARE

WARNING: Disconnect power cord before replacing projection lamp or cleaning condensers and reflectors. Be sure the projector is cool. Do not remove the access cover while the projection lamp is on.

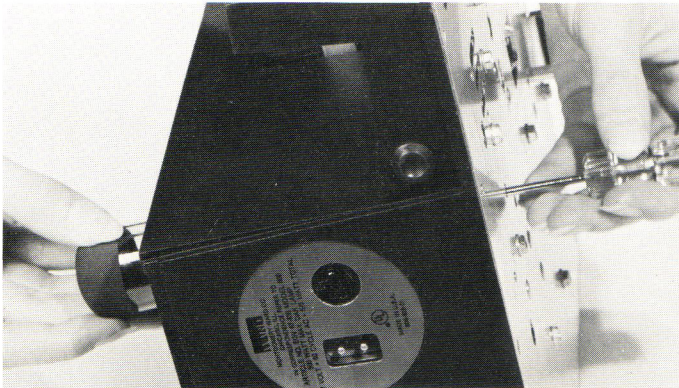
ACCESS COVER

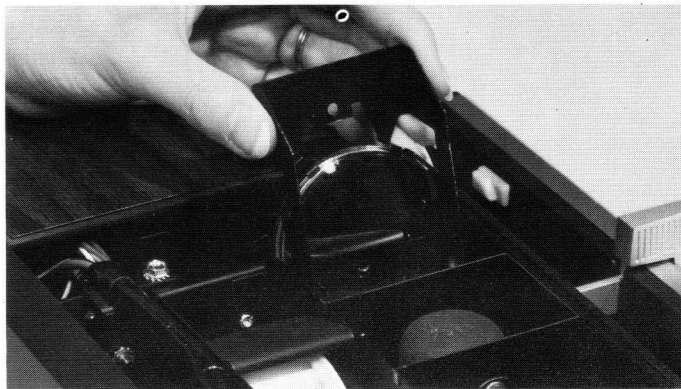
After the projector has cooled, remove the access cover by lifting up on rear edge of cover. Lamp and optical system are then exposed.

LAMP REPLACEMENT

Disconnect power cord, remove access cover and lift out metal chimney. Pull lamp straight up without twisting. As a special feature this projector also has a small hole in the projector base under the projection lamp to aid in removing broken or burned out lamps. Insert a small screwdriver through the hole in the projector base and push the lampbase up and out of the lamp socket. It is not necessary to remove the metal chimney.

When replacing lamp, align key on lamp base in socket keyway and press down firmly without twisting until seated. Replace with 500 watt, 120 volt tungsten lamp, ASA Code DAK.



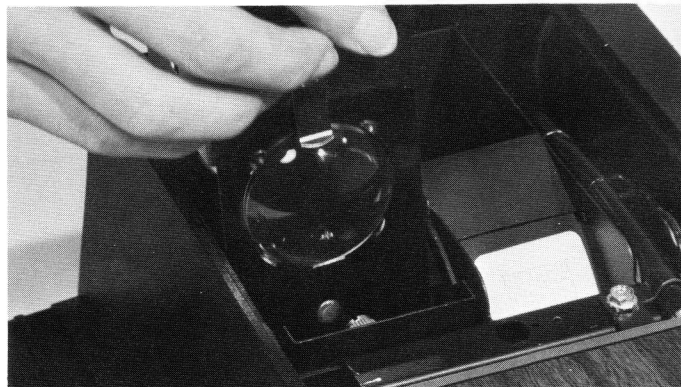


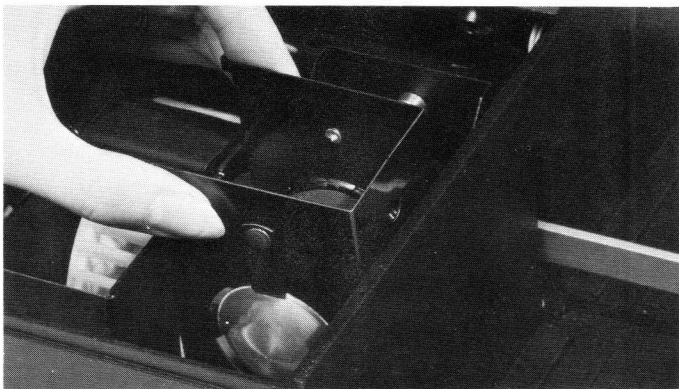
REFLECTOR AND COLLECTOR LENS CLEANING

The heat absorbing collector lens and reflector are part of the chimney assembly and are accessible for cleaning when the chimney is removed. Clean with a soft brush or lens cleaning tissue.

FRONT CONDENSER CLEANING

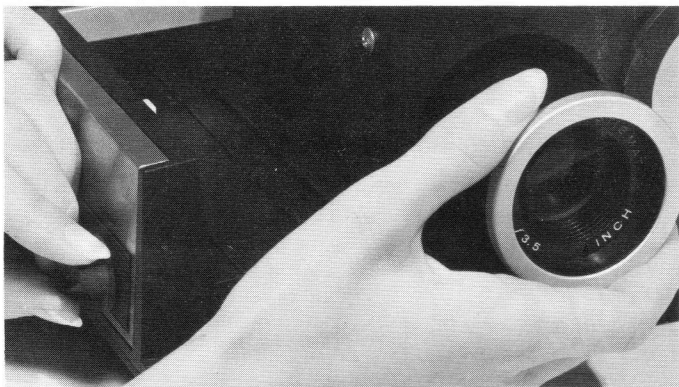
The front condenser is mounted in a metal frame. Remove the thumb screw, lift out and clean with a soft brush or lens cleaning tissue. Replace the unit with tab on the bottom of lens frame forward. Push down and engage tab in slot, making sure the lens frame is properly seated before replacing the thumb screw.





CHIMNEY REPLACEMENT

Position tabs on bottom of chimney into locating holes around the lamp base. Press chimney down firmly until tabs on the side are located in slots on top of blower wall.



PROJECTION LENS CLEANING

Turn the manual focusing knob clockwise until the lens barrel can be pulled from the projector. Clean the lens surface with a soft brush or lens cleaning tissue. Replace lens barrel, making certain that the rack is aligned with the pinion gear, and turn the focusing knob counterclockwise until the barrel is secure.

MONTGOMERY WARD

Montgomery Ward will, at its option, repair or replace free of charge, including labor, any part of this Slide Projector which fails to operate properly within one year of purchase, if the Projector is returned, postage prepaid to any Wards Projector Service Center listed below. This guarantee does not cover the Projection Lamp or any failures due to accident or abuse. Montgomery Ward assumes no liability for damaged Film or Slides or for interruption in operation.

WARDS PROJECTOR SERVICE CENTERS

Emma Street, Binghamton, New York 13902
16217 Kittridge Street, Van Nuys, California 91406
3500 North Kostner Avenue, Chicago, Illinois 60641
39-22 30th Street, Long Island City, New York 11101

PORTLAND, OREGON

Parcel Post: Box 490, Portland, Ore. 97207
Express or Freight: 8585 S.W. Hwy. 217, Portland, Ore.

**IF YOU WISH TO RESHIP THIS PROJECTOR FOR ANY
REASON, BE SURE TO REPACK IN ITS ORIGINAL CARTON**