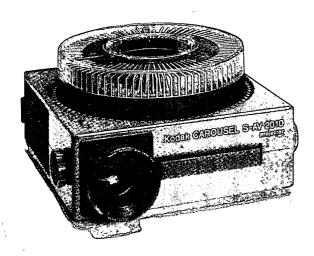
Bedienungsanleitung · Instruction Manual · Mode d'emploi Manual de Instrucciones · Istruzioni per l'uso · Gebruiksaanwijzing Bruksanvisning · Käyttöohje



MODA CAROUSEL SANZOIO PROGGOT

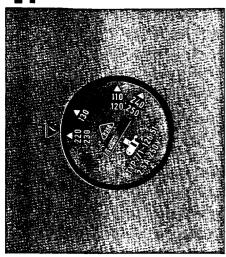


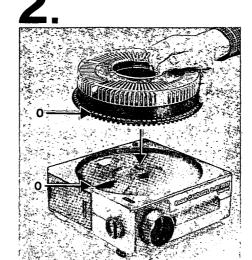
Kurzanleitung Summary Mode d'emploi résumé

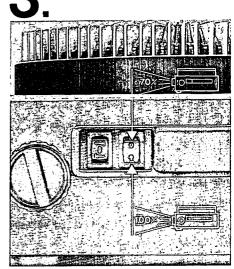
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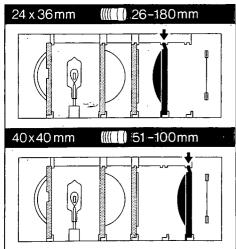
1.

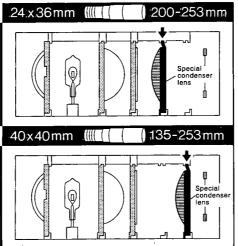


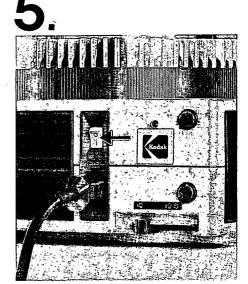




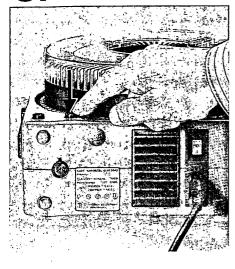
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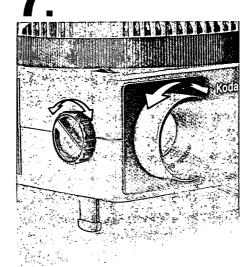




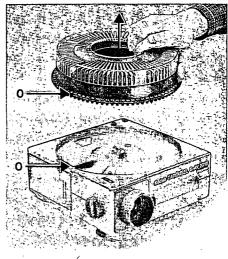


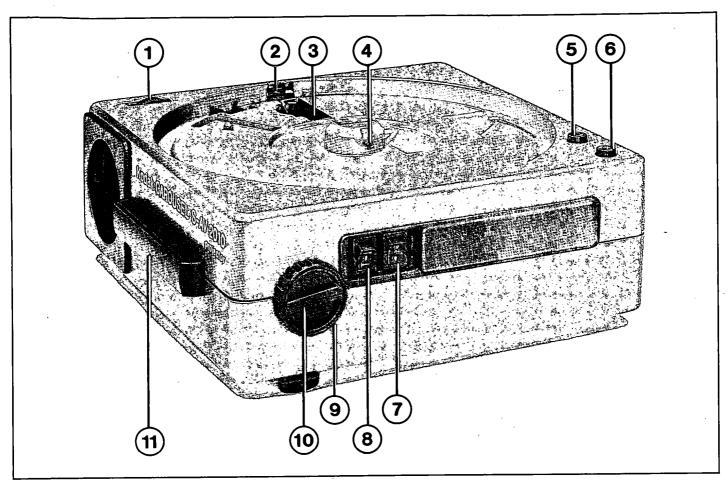
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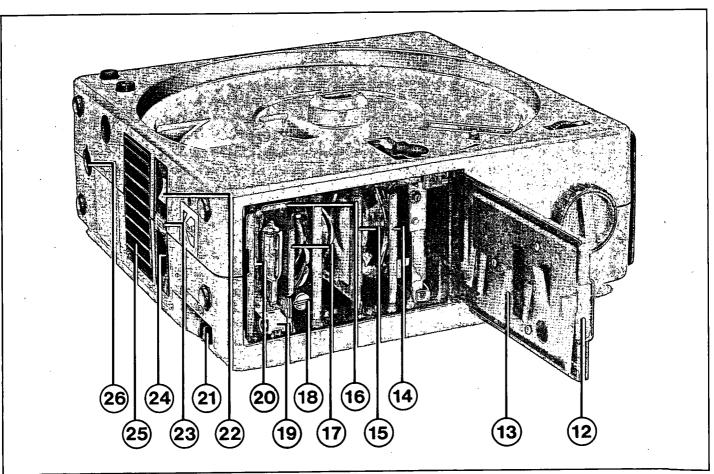




8.







Projector features

- Focusing knob for rack focusing lens.
- Sensor for zero position of slide tray.
- 3 Slide gate.
- 4 Slide tray lock.
- **5** Forward slide-change and select button.
- (6) Reverse slide-change button.
- Switch for full power and economy settings.
- 8 Switch for automatic zero position (forward/reverse).
- (9) Height adjustment knob.
- Locking device for height adjuster.
- (11) Retractable handle.
- (12) Lamphouse door.
- Holder for additional spare lamp.
- Standard condenser lens (position for 24 mm × 36 mm slides).
- **(15)** Heat filter.
- (**16**) Lampholder latch.
- (17) Lamp changeover lever.
- (18) Lamp adjustment (horizontal).
- **19**) Lamp socket with 2 lamps.
- (20) Mirror adjustment (vertical).
- (21) Rapid lamp change lever.
- (22) Mains switch.
- 23) Fuse holder.
- Mains socket.
- **25**) Fan vent.
- **26**) 6-pole socket.

Using the instruction manual

Open out the front and rear cover flaps. These diagrams relate to the following text. One flap can also be used as a book mark.

Summary

The principal stages of operating the projector are illustrated on the front flap in illustrations 1–8.

Switching-on the projector

Voltage selector (Figure L)

The Voltage Selector on the underside of the projector is set to 220/230 V by the manufacturer. Before altering the voltage selector, disconnect the mains supply and fit the correct fuse.

Mains fuse (Figure M)

220/230 V or 240/250 V: 1.6 A slow-blow fuse.

110/120 V or 130 V: 3.15 A slow-blow fuse (packed separately).

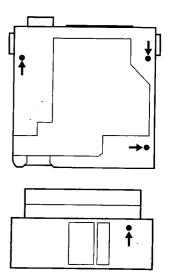
The fuse must only be changed after the mains supply has been disconnected. Press out the fuse holder (23) with pressure on the small catch. Remove the fuse and insert the new one. The projector is supplied with a fuse for 220/250 V fitted.

Setting-up the projector

Place the projector on a firm, vibration-free base. The projector may be set at an angle of up to 30° from the horizontal in any direction. Check that the projector can draw in sufficient cold air for cooling and that warm air can be freely expelled. (The projector requires 20 litres of cooling air per second.) Keep air vents on the underside, at the rear of the projector, and on the lamphouse door, free from obstructions.

Note:

For fastening the projector in a fixed projection position, fixing holes suitable for self-tapping screws can be found in the back of the projector and in the base-plate (Figure).



Slide mounts

The projector accepts all slides of 5 cm \times 5 cm.external size and up to 3.2 mm thick (complying with DIN 108).

For a slide presentation it is important to use glass mounted slides throughout to avoid the need for refocusing.

Damaged, distorted or warped slides should not be used as they may disrupt the transport mechanism.

Fitting the slide tray (Figures N and O)

- Turn the transparent cover on the slide tray counter-clockwise and lift it off.
- Insert the slides into the tray.
- Replace the cover and lock it.
- Check that the baseplate of the slide tray is locked in position (Figure N). (When locked, the baseplate cannot be rotated.)
- Place the tray in its approximate position on the projector and rotate it until it locks in the zero position (Figure O).

The 'Kodak' CAROUSEL slide tray holds up to 80 slides. The transparent cover on the slide tray prevents slides from falling out and protects them from dust.

Lenses

The 'Kodak' RETINAR S-AV 1000 range of lenses and the high-precision 'Kodak' RETINAR S-AV 2000 Lenses are available in a range of different focal lengths. Rack focusing lenses can also be used.

Lens supports which used to be supplied with earlier long focal length RETINAR lenses are not needed.

For technical data on 'Kodak' RETINAR S-AV 1000 and S-AV 2000 lenses see page 56.

The table of projected picture sizes (page 59) may help you to select the optimum lens focal length for each projection condition.

Key to table of projected picture sizes:

Scale a = Projection distance in metres

Scale c = Projection picture width in metres.

Scale b_1 = Picture width of slide

24 × 36 mm horizontal

format

Scale b_2 = Picture width of slide 24 × 36 mm vertical format

Scale b_3 = Picture width of slide

 $40 \times 40 \text{ mm}$

Example: A projection distance of 10 m (using scale b_1) and a 150 mm lens produces a picture width of 2.30 m

Condenser settings

(See "Condenser settings" on the front cover flap, Figure 4).

As supplied, the projector is fitted with the standard condenser lens (drawn in black in the diagram) in position for **24** × **36** mm slides.

For 40×40 mm slides, the standard condenser lens is pushed into the adjacent right-hand slot.

When using the 200 mm and 253 mm lenses, the standard condenser lens should be replaced by the special condenser lens supplied with these lenses. The special condenser lens is also recommended when projecting 40 × 40 mm slides with the RETINAR 135 mm, 150 mm, and 180 mm lenses, giving better overall ilumination.

Note: Ensure that the curved side of the standard condenser lens or special condenser lens is always facing the lamp.

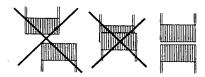
Mains connection

Connect the projector to the mains with the supplied 3.5 m mains lead. Press the mains switch (22), the projection lamp comes on and the fan operates.

Centring the lamp (Figure P)

- After switching off the projector, look through the lens and check the position of the lamp filament.
- 135 mm and longer focal length lenses: Place the pinhole slide enclosed with these lenses in the slide gate. Switch on the projector, fit the lens cap over the lens and observe the lamp filament images projected on the lens cap. Centre the lamp as shown below.

To be correctly adjusted the filaments must be in line and should not overlap (right-hand diagram). Only in this case the lamp yields maximum of brightness and gives optimum of durability.



The left-hand diagrams show incorrect adjustments. To correct proceed as follows.

- Open the lamphouse door (12).
- Turn the adjustment screw (18) for shorizontal adjustment.
- Move the adjustment stud (20) up or down for vertical adjustment.

Full power or economy settings

The projection lamp can be operated at full power or economy settings. The setting is selected by switch (7):



= Economy setting

= Full power setting

This facility gives the following operating characteristics: On the full power setting, the average lamp life is approximately 300 hours. On the economy setting, the lamp life is extended to approximately 1200 hours, the average light output is reduced by approximately 30%.

Operation

Levelling the projector (Figure Q)

The height of the projector is adjusted by rotating the two knurled knobs (9), on the sides of the projector. They can then be locked in position by turning the inner knobs (10).

Focusing the image

Press the slide advance button (5): The first slide will transport into the slide gate and be projected. Focus the projected image:

- a) With RETINAR lenses, by turning the lens.
- b) With rack focusing lenses, by turning the milled wheel (1)

Slide-changing

1. Using the buttons on the Projector

- Forward slide change;
 Press button (5) (6).
- Reverse slide change: Press button (6) .
- Individual selection: Press button (5) @ and hold it down. The slide tray can now be turned by hand to any position. Note that after releasing the button the slide tray moves forward one position.

2. Using the 'Kodak' CAROUSEL Remote Control (Figure R)

For single projector operation, connect the plug on the remote control cable to the 6-pole socket (26) on the projector.

The remote control operates the following functions:
Slide change forward. ①
Slide change reverse. ②
Focusing.
KODAK extension cables can extend the remote control cable up to 24 m.

3. With the 'Kodak' Interval Timer (Figure G, page 57)

The 'Kodak' Interval Timer is available for automatic slide changing at preset intervals. It can be set from about 4 to 40 seconds. It plugs into the 6-pole socket (26) on the projector.

4. With the 'Kodak' S-AV Infrared Remote Control, Model TF, type II (Figure F, page 57)

This consists of a hand-held battery powered transmitter and a receiver. Forward and backward slide transport and focus can be controlled without cables up to a distance of about 30 metres from the receiver. The receiver can be attached to the projector (holder is supplied) and is plugged into the 6-pin socket (26).

Changing the slide tray

Always lift off the slide tray in the zero position. By pressing button (5) the slide tray can be turned by hand to the zero position.

In an emergency, e.g. transport failure, the tray can be removed from the projector in any position. To do this, push aside and hold the slide tray centering latch (4), while lifting off the slide tray. Remove the slide from the slide gate.

Having removed the slide tray, turn it over and rotate the base plate until it locks in position. Otherwise the slide tray cannot be replaced on the projector.

Rapid lamp changer (Figure S)

With the rapid lamp changer (21), the spare lamp (L_2) can be brought into use immediately if the normal lamp (L_1) fails.

 Push the rapid lamp changer (21) to the right to position 2 ②. The spare lamp is now ready to be used.

The spare lamp (L_2) may not be perfectly centered, but illumination evenness should be adequate for completion of a show. After the slide show insert a new lamp (L_1) and centre it.

Other projection modes

Replacing a defective lamp (Figures T and U)

Unplug the mains lead before replacing a defective lamp! Let the projector cool before you touch the lamp and the part around it!

- Open the lamphouse door (12).
- Push the rapid lamp changer (21) to the right until it stops ②.
- Swing out the lamp changeover lever (17) until the lampholder latches into position.
- Replace the defective lamp.
 Always handle lamps by the protective sleeve when inserting to avoid getting fingerprints on the glass. When the lamp is in place, remove the sleeve.
- Push up the lampholder latch (16) and swing back the lever (17).
- Centre the operating lamp (L₁).
 A further spare lamp can be accommodated in a holder (13) on the inside of the lamphouse door.

Continuous projection

1. With 81 slides

Before putting on the full slide tray, insert an additional 81st slide in the slide gate.

For automatic slide changing, plug the 'Kodak' Interval Timer into the projector's 6-pole socket (26).

2. With a part-filled slide tray

Continous projection with a part-filled slide tray is possible with the 'Kodak' CAROUSEL S-AV 2010 Projector by using the automatic slide tray zero reset. The switch (8) selects the direction in which the slide tray returns to zero:



- = Slide tray reverses to zero.
- = Zero return switched off.
- = Slide tray runs forward to zero.

The zero reset is triggered by inserting the supplied triggering slide (arrow downwards) into the slide tray after the last slide, Figure V.

Zero reset is also triggered by the absence of a slide in the gate. This will, however, also cause a short flash of light to appear on the screen.

If the slide tray contains less than 40 slides, let the tray reverse to zero by pushing up switch (8). Where there are more than 40 slides, it is advisable to push down switch (8). The slide tray will then run forwards to zero.

During the slide tray return, the projector lamp is switched off.

Before connecting the CAROUSEL Remote Control, select switch (8) to its mid position (zero return switched off).

For automatic slide change, either the 'Kodak' Interval Timer or a tape-slide control unit is connected.

Tape Control (Figure W)

In slide-tape presentations, the slide change is controlled by the tape recorder. The recorder must be fitted with an AV head with a built-in slide control unit (incorporated in the 'Kodak' S-AV Cassette Recorder 200) or have an external slide control unit connected. (Control pulse duration: 0.2 to 0.75 seconds with 50 Hz; 0.18 to 0.6 seconds with 60 Hz.)

Slide change time of the projector: 1 sec.

The connection to the projector is made via the 6-pole socket (26).

The 'Kodak' Twin Socket Adaptor together with the 'Kodak' Remote Control Cable, permits remote focusing during tape recorder control.

Projection in parallel

With parallel projection, the projectors linked in parallel are simultaneously operated, either by remote control, interval timer or slide control unit. To do this, a connection cable to the twin socket and a 'Kodak' CAROUSEL Twin Socket Model B are required for each additional projector (Figure H, page 57).

Servicing

Accessories

Maintenance

Dirt and dust can have adverse effects on the lubricants used in the projector and thus cause malfunctions. Therefore the projector and the slide tray should be returned to Kodak Customer Service Department after approximately 1500 hours of operation.

Where the projector is used in very dusty locations (e.g. exhibitions) more frequent servicing may be advisable.

Cleaning of the projector optics, such as the lens, condenser and heat filter should be carried out using a soft lintfree cloth or camel hair brush.

The heat filter fits loosely into its holder to allow room for expansion as it gets warm. Take care not to bend the holder during cleaning.

Possible problems during operation

- Lamp fails to light, but the fan operates:
 - Defective lamp.
- Projected image insufficiently illuminated:
 - Condenser lens in wrong position.
 - Wrong condenser lens fitted.
 - Lamp not centered.
 - Lamp changeover lever not exactly in position 1 or 2.
- Switching on the projector, the lamp fails to light and the fan does not operate:
 - Fuse blown.
 - Thermal overload cut-out has switched the projector off.
- Slide transport problem:
 - Slide damaged.
 - Base plate of slide tray not located in zero position.
 - Magazine base plate bent.
 - Remote control cable exceeds the permitted 24 m extension.
 - Slide transport pulse too short.

- 'Kodak' RETINAR S-AV 1000 range of lenses and high-precision 'Kodak' S-AV 2000 Lenses in various focal lengths (see Chart on page 56).
- 'Kodak' CAROUSEL S-AV 2000 Slide Trays for 80 slides (Fig. J, page 57).
- 'Kodak' CAROUSEL Remote Control (4 m) plus Extension Cables 4 m and 16 m (Fig. E, page 57).
- 'Kodak' S-AV Infrared Remote Control Model TF, for lead-less remote control of the projector up to about 30 metres (Fig. F, page 57).
- 'Kodak' CAROUSEL Twin Socket, Model B for simultaneous connection of a Remote Control and a slide synchronizer. Also used for parallel connection of projectors, where the Connection Cable, Model B and one Twin Socket is required per projector (Fig. H, Page 57).
- 'Kodak' CAROUSEL Interval Timer, adjustable from approximately 4 to 40 seconds (Fig. G, page 57).
- 'Kodak' S-AV Cassette Recorder 200, mono audio recorder with built-in AV control track facility; capable of controlling slide changes on one or two projectors independently. With single projector control, automatic tape stops can be programmed (Figure K, page 57).
- 'Kodak' CAROUSEL Carrying Case (Figure I, page 57).

Technical data

Gravity feed slide change with pressure levers to ensure good slide alignment.

Slide format up to 40 mm \times 40 mm. Maximum slide thickness 3.2 mm (DIN 108).

Universal lens carrier for 'Kodak' RETINAR Lenses and rack focusing lenses.

Slide change time: 1 second with 50 Hz operation: 0.9 seconds with 60 Hz operation.

Height setting to a maximum of 6° via two locking, adjustable knobs.

The projector will also function on a slope of up to 30° in any direction.

Illumination

Two 24 V/250 W halogen lamps fitted on a rapid lamp changer (operational lamp and spare lamp).

Optional full power or economy setting for the projection lamp.

Effective light intensity of approximately 950 lumens with 24×36 mm slides and with KODAK RETINAR 93 mm lens.

Interchangeable condenser system for slide formats $24\,\text{mm} \times 36\,\text{mm}$ and $40\,\text{mm} \times 40\,\text{mm}$, and for lenses with longer focal lengths.

Operating range (Figure A, page 55)

The permissible operating range of the projector depends on the ambient temperature and the mains voltage.

a = Ambient temperature (°C)

b = Mains voltage

c = Nominal voltage

d = 15% Undervoltage

e = 10% Overvoltage

f = Lamp voltage

Should the projector overheat, e.g. due to lack of cooling air or jamming of the slide transport mechanism, the built-in thermal cut-out automatically switches off the projector and then switches it on again, once it has cooled down.

Electrical system

Voltage selector for: 110/120 V; 130 V; 220/230 V; 240/250 V Frequency: 50/60 Hz.

Total power consumption: approximately 320 W.

Fuses:

- a) Primary circuit for 220/230 V or 240/250 V: 1.6 A slowblow. for 110/120 V and 130 V: 3.15 A slowblow.
- b) Secondary circuit: 1.25 A slow-blow.

The projector meets electrical safety requirements of VDE, Class 1. Interference suppressed (FN VDE 0875). This equipment conforms with the requirements of EEC Directive 76/889 with respect to radio interference.

Control system

Push buttons for slide changing: forward (with additional possibility of manual slide selection) and reverse.

Built-in automatic zero reset with threeposition selector switch: forward, reverse and built-in zero reset switched off.

6-pole DIN socket, Figure B, page 55, to take CAROUSEL Remote Control, 'Kodak' S-AV Infrared Remote Control Model TF, 'Kodak' Interval Timer and Slide Control Units.

Connections 2 + 3 = Forward slide change (pulse duration 0.2 to 0.75 seconds with 50 Hz, and 0.18 to 0.65 seconds with 60 Hz).

Slide changing continues for the duration of the pulse.

Connections 1 + 3 = Reverse slide change (pulse duration 0.3 to 0.85 seconds with 50 Hz, and 0.27 to 0.7 seconds with 60 Hz).

(For control purposes, connections 6 + 3 can supply approximately 20 V pulsating d. c. at a maximum current of 750 mA.)

Wiring diagram See page 52.

Dimensions (Figure C, page 55).

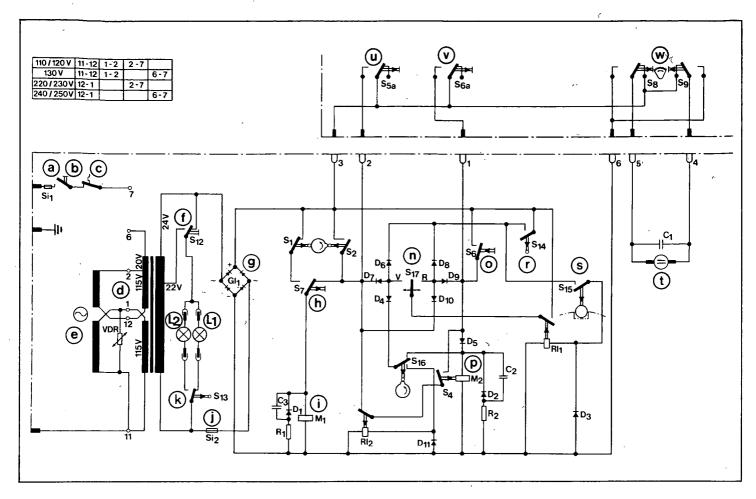
Length: 262 mm Width: 284 mm Height: 101 mm

Height with slide tray: 151 mm Weight (without slide tray): approx. 7600 g.

Weight of slide tray: 540 g

Equipment subject to minor appearance changes.

'Kodak', CAROUSEL, and RETINAR are trade marks.



Schaltplan

- = Netzsicherung .
- Netzschalter
- Wärmeschutzschalter
- Spannungswähler
- Spaltpolmotor
- Schalter für Standard- oder Sparschaltung
- Gleichrichter
- Diatransport vorwärts und freie ħ Diawahl
- Kupplungsmagnet
- = Sekundärsicherung
- Schalter für Umschaltung auf Reservelampe
- Betriebslampe
- Reservelampe
- Schalter für Richtungswahl der = Nullstellung
- Diatransport rückwärts
- Umschaltmagnet für Vorwärts-/ Rückwärtstransport
- Nullstellungsschalter im Fallschacht
- Magazin-Nullstellungs-Schalter
- Fokussiermotor
- = Fernbedienung vorwärts
- = Fernbedienung rückwärts
- = Fernbedienung Fokussierung

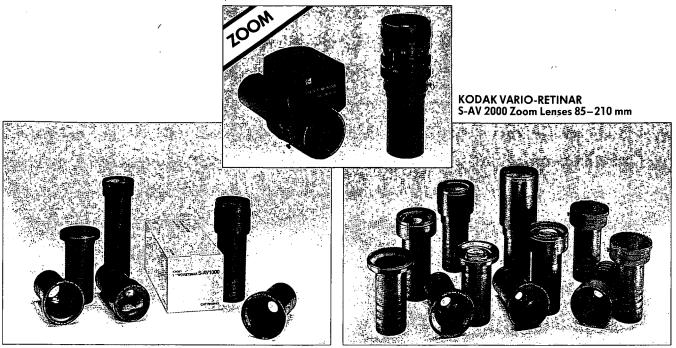
Wiring diagram

- Mains fuse
- Mains switch
- Thermal overload cut-out
- Voltage selector
- е Shaded pole motor
- Switch for full power or economy setting
- Rectifier g
- Forward slide change and select
- Clutch solenoid
- Secondary fuse
- Switch for lamp changeover
- = Lamp in circuit
- L_2 Spare lamp
- Switch for zero reset control n (forward/reverse)
- 0 Reverse slide change
- Reversing solenoid for forward/ reverse slide change
- Zero reset switch in slide gate
- Slide tray zero position switch
- Focusing motor
- Remote control forward
- Remote control reverse =
- Remote control focusing

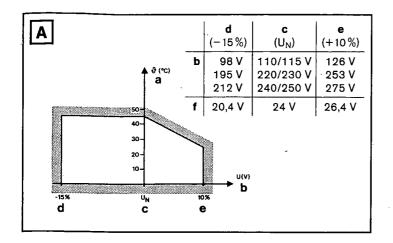
Plan de câblage

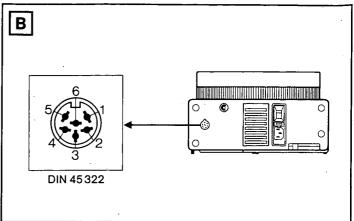
- = fusible
- commutateur marche/arrêt
- disjoncteur thermique
- sélecteur de tension
- = moteur asynchrone
- commutateur réglage normal/ réglage économique
- = redresseur
- marche avant et projection d'une vue sélectionnée
- électro-aimant d'inversion de la marche
- = fusible secondaire
- contacteur pour la commutation de la lampe de réserve
- = lampe en service
- = lampe de réserve
- Sélecteur de sens du retour à zéro (marche avant/marche arrière)
- marche arrière 0
- contacteur marche avant/ marche arrière
- capteur de position 0 dans le couloir vertical
- contacteur de retour à zéro du maaasin
- = monteur de mise au point
- commande à distance u
- marche avant
- commande à distance
 - marche arrière
- commande à distance mise au point

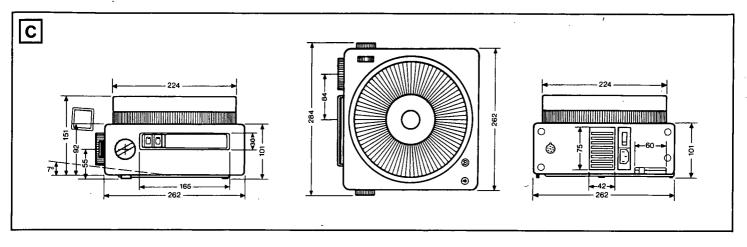
KODAK RETINAR S-AV 1000 and S-AV 2000 Projection Lenses



KODAK RETINAR S-AV 2000 Lenses







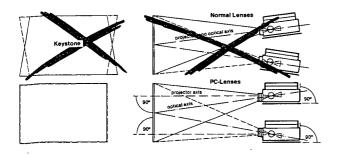
KODAK RETINAR S-AV 1000 und S-AV 2000 Objektive KODAK RETINAR S-AV 1000 and S-AV 2000 Lenses

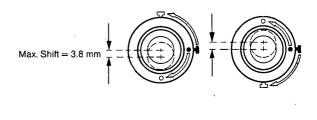
| KODAK RE | | | | 199 | | 10 1 | | | | | |
|---------------------------|-----------------------------------|------------------------------|---------------------------------|-----|---------------------------|------------|-----------|--------------------------|---------|----------------------------------|---------------------|
| | .enses | 55 mm" | 85 mm | 1 | - 100 _a n | ım 🍦 | 150 | mm* | 1 | 80 mm* | 75-120 mm |
| Vergütung Coating | Couche Revestimiento | • | • | | • | | | • | | • | • |
| 24×36 cm | 40×40 mm | | | | | | | | + | | |
| Länge Length | Longueur Longitud | 125 mm | 125 mm | | 125 mm | | 156 mm | | 190 mm | | 148 mm |
| Front-Ø Front tube Ø | Tube Ø devant Tubo delantero Ø | 73 mm | 73 mm | | <i>7</i> 3 mm | | 63 mm | | 63 mm | | 61 mm |
| Gewicht Weight | Poids Peso | 174 g | 108 g | | 108 g | | 206 g | | 205 g | | 239 g |
| Lichtstärke Aperture | Aperture Abertura | f/2.8 | f/2.8 | | f/2.8 | | f/3.5 | | f/3.5 | | f/3.5 |
| Anzahl Linsen Elements | Elements Número de lentes | 5 | 3 | | 3 | | 3 | | 3 | | 7 |
| Bildwinkel Field angle | Champ Angulo de projección | 40° 50° | 27° 34 | ı° | 23° 29° | | 16° 20° | | 13° 17° | | 32°-20° |
| KODAK RE S-AV 2000 | | 26 mm | 36 mm (35.4 ± 0.3) ,4 | | 1 mm 6±0:5) | 72 | | 70 mi | n | 1 35 mm* (134.4 ± 0.7) | 150 mm* |
| Vergütung Coating | Couche Revestimiento | МС | MC | | MC | Μ | ıĊ | МС | | МС | МС |
| 24 x 36 cm | 40×40 mm | | | | + | | + | + | | -+- |] -+- |
| Länge Length | Longueur Longitud | 151 mm | 125 mm | 12 | 5 mm 127 | | mm | 125 mm | | 125 mm | 146 mm |
| Front-Ø Front tube Ø | Tube Ø devant Tubo delantero Ø | 73 mm | 78 mm | 7 | 78 mm 78 | | mm | 78 mm | | 78 mm | 73 mm |
| Gewicht Weight | Poids Peso | 721 g | 457 g | 3 | 389 g 38 | | 6 g 320 g | | 9 | 437 g | 605 g |
| Lichtstärke Aperture | Aperture Abertura | f/2.8 | f/2.8 | 1 | f/2.8 f/2 | | 2.4 f/2.5 | | f/2.8 | | f/2.8 |
| Anzahl Linsen Elements | Elements Número de lentes | 9 | 7 | | 6 5 | | 5 5 | | | 5 | 5 |
| Bildwinkel Field angle | Champ Angulo de projección | 78° | 62° | 45' | ° 55°- | 55°- 32° | | 25° 32° | | 17° 22° | 15° 20° |
| | | 200 mm** (200.5±1) | 253 mm (252.5±1 | | 45 mm - 145.2 ± | PC 0.5) | | nm P.C 3.±0.51 | | | 85-210 mm** zoom |
| Vergütung Coating | Couche Revestimiento | МС | МС | | MC | | MC. | | | МС | MC |
| 24×36 cm | 40×40 mm | | | | | | | | | | |
| länge Length | Longueur Longityd | 164 mm | 214 mm | | 142 mm | | 138 mm | | | 138 mm | 176 mm |
| Front-Ø Front tube Ø | Tube Ø devant Tubo delantero Ø | 73 mm | 73 mm | | 72.5 mm | | 72.5 mm | | ; | 72.5 mm | 68 mm |
| Gewicht Weight | Poids Peso | 618 g | 870 g | | 447 | 447 g | | 359 g | | 389 g | 769 g (1320 g) |
| Lichtstärke Aperture | Aperture Abertura | f/3.5 | f/4 | | f/2. | .8 | | f/2.8 | | f/2.8 | f/3.9 |
| Anzahl Linsen Elements | Elements Número de lentes | 5 | 5 | | 6 | | 6 | | | 5 | 15 |
| Bildwinkel Field angle | Champ Angulo de projección | 11° 15° | 9° 12' | •] | 51° | | 39° | | | 25° | 27°-11° |

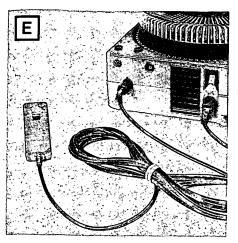
- für die Projektion von 40x40 mm Dios empfehlen wir den Spezialkondensor (CAT 7060833 einzusetzen.
 Spezialkondensor grundsätzlich notwendig lliegt dem Objektiv beil.

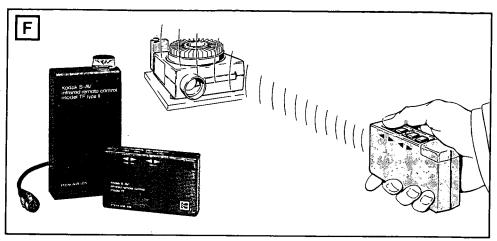
- For projection of 40 x 40 mm slides the use of the special condenser lens (CAT 706 0833) is recommended.
 Use of the special condenser lens necessary and enclosed with the lens.
- Pour la projection de dispositives 40 x 40 mm il est recommandé d'utiliser un condenseur KODAK CAROUSEL (CAT 706 0833).

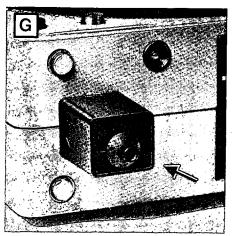
 Il est nécessaire d'utiliser le condenseur fourni avec l'objectif.
- Para la procección de diapositivas de 40 x 40 mm se recomienda el uso de la lente condensadora especial INO. CAT 706 08331.
 Es necesario el uso de la lente condensadora especial que se incluye con el objetivo.

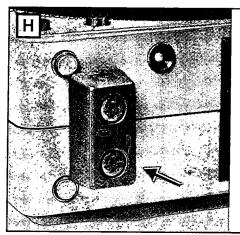


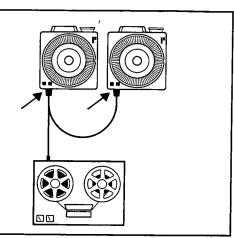


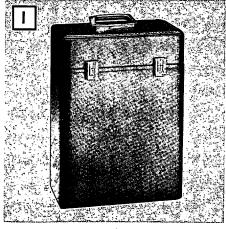


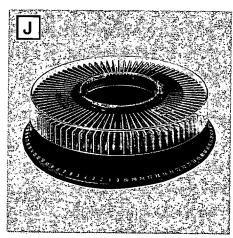


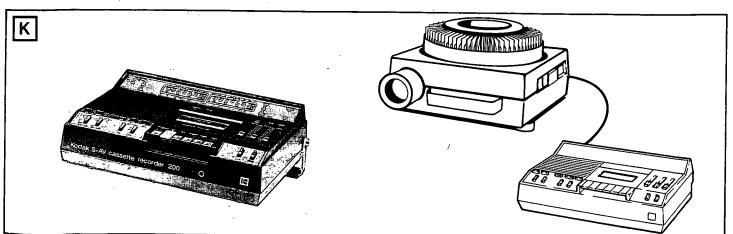


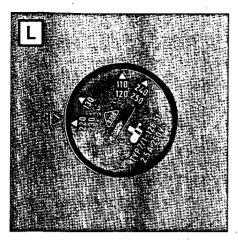


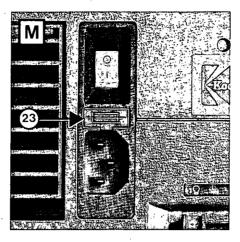


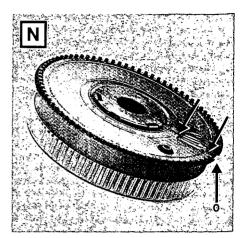


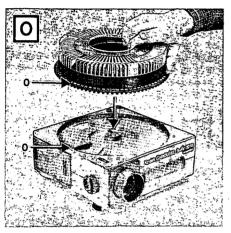


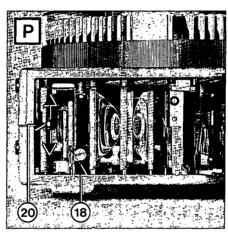


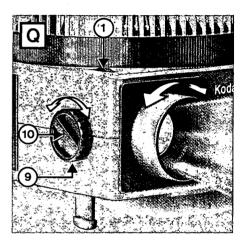


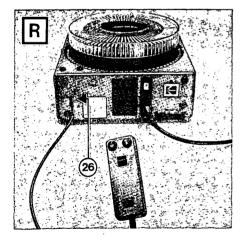


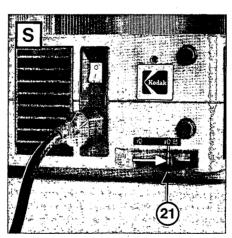


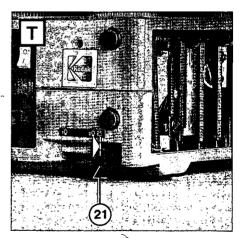


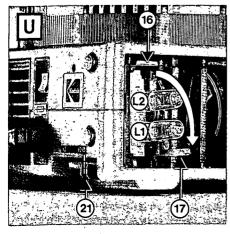


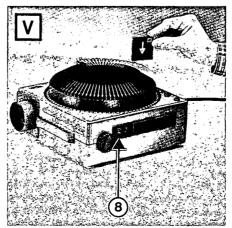


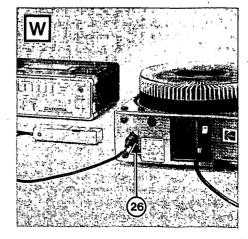






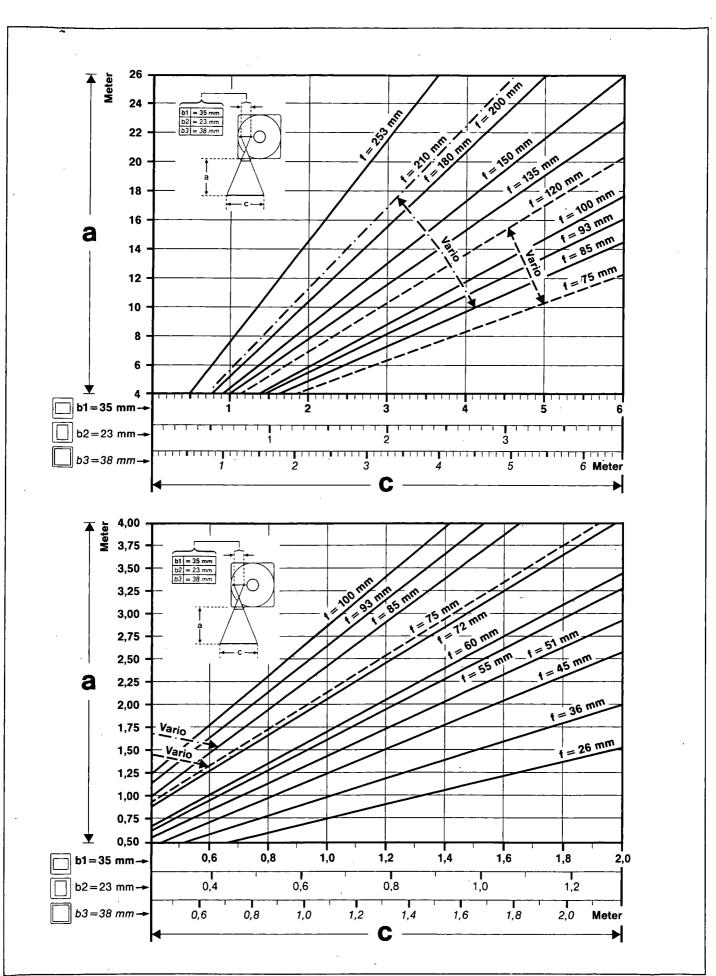


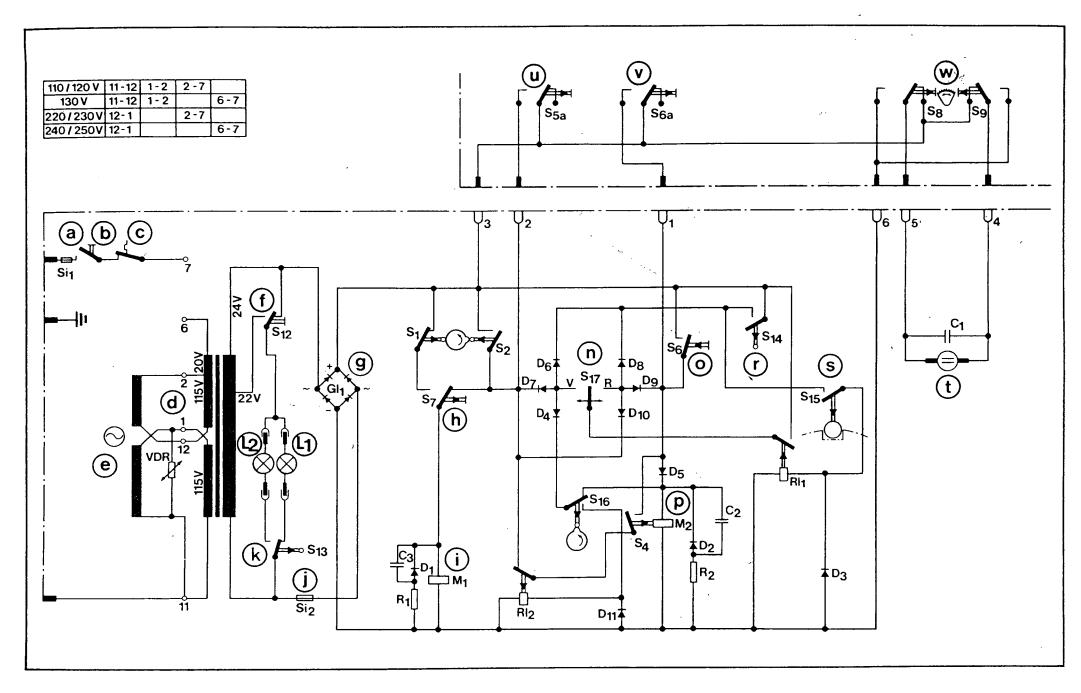




Projektionsbildbreiten Projected picture sizes Dimensions des vues projeté

Anchura de la imagen proyectada Dimensioni dell' immagine proiettata Geprojecteerde beeldafmetingen





Schaltplan

Wiring diagram

Plan de câblage

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