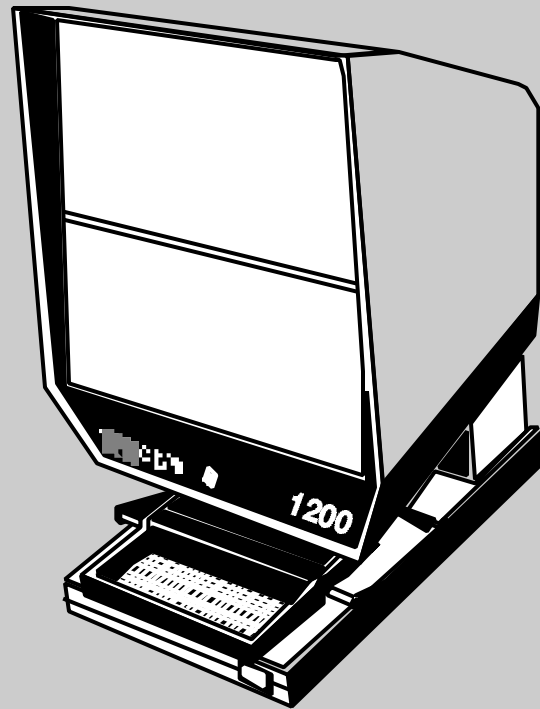




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The Eye Com 1200 Image Rotation Reader Operating and Maintenance Instructions

To ensure correct use of this equipment, please read this operating manual and keep for future reference.

Unpacking and Setup:

1. Remove top insert and lift unit from container.
2. Remove plastic enclosure.
3. Remove magnetic index grid.
4. Remove carrier (cardboard) insert.
5. Remove tape from carrier glass.
6. Pull fiche carrier forward until top glass opens.
7. Remove warranty card between the carrier glass. (Fill out and return to Eye Com.)
8. Replace index grid.
9. Remove tape from viewing screen
10. Remove the screen by lifting up and out using the black tabs located at the bottom of the screen.
11. Remove objective lens and prism assembly from the small white box that is taped to the top insert. See Figure 3 for installation assistance.
12. Insert lens in the lens barrel and insert prism in the same barrel.
13. Replace the screen.

For Dual Lens Readers Only:

1. Follow steps 1 through 10 listed above.
2. Remove the tape from the shift lever knob.
3. Remove objective lens and prism assembly from the small box labeled "low". See Figure 3 for installation

assistance. With shift lever in high position, insert lens in the lens barrel and insert the accompanying prism in the same barrel.

4. Shift the lever to low position. Remove objective lens and prism assembly from the small box labeled "high", insert lens in lens barrel and insert the accompanying prism in the same barrel.
Note: Do not mix lenses and prisms because the prisms are adjusted at the factory, for different magnifications, to provide optimum image quality.
5. Replace the screen.

Operating Instructions:

1. If you have purchased a rollfilm attachment for your reader, install rollfilm attachment before operating unit.
2. Plug in unit and turn on.
3. Pull carrier forward until glass opens.
4. Insert microfiche or jacket between upper and lower glass against rear stop and push carrier forward.
5. Focus image by turning focus knob located in front, directly below viewing screen.
5. Slide lever located in front to change from high to low magnification.

Lamp Replacement:

(Figures 1 & 2)

1. Disconnect the power cord.
2. Remove lower glass and upper glass assembly. (Follow "Carrier Glass Removal" instructions listed below.) Then push carrier forward until it stops.
3. Tip unit on its back to expose the bottom.
4. Remove the lamp access door.

CAUTION: Allow lamp to cool before attempting to remove it.

5. Extract lamp from its holder and disconnect the socket. Be careful not to touch the bulb portion of the new lamp. Oils will decrease lamp life and dim the image.
6. Replace lamp with the type shown on data plate.
7. Replace access door. Replace lower and upper glass assembly.
8. Reconnect power cord.



Figure 1

Maintenance:

Maintenance of your Eye Com reader is limited to periodic cleaning of viewing screen, upper and lower carrier glass, lenses and mirrors.

Carrier Glass Removal and Cleaning:

(Figure 3)

1. Push carrier to the rear until it stops.
2. Move carrier to its far left position.
3. Remove upper glass assembly.
4. Reach under back of the plastic carrier frame, push up and pull out lower glass.
5. Clean lower and upper glass with Data Vu Cleaning Mist.

NOTE: While the carrier glass plates are disassembled the top of the condenser lens can be cleaned with Data Vu Cleaning Mist and a soft non-abrasive cloth.

NOTE: When reassembling carrier glass, push upward on lens barrel with the upper carrier glass.

NOTE: If your unit has a rollfilm attachment, see Rollfilm Attachment Operating Instructions for cleaning instructions.

Viewing Screen Removal and Cleaning:

1. Remove screen using the black tabs located at the bottom of the screen.
2. Clean the screen with Data Vu Cleaning Mist, using a soft, non-abrasive cloth.



Figure 2



Figure 3

Prism Assembly and Objective Lens:

(Figures 4 & 5)

1. With screen removed, the prism assembly and the lens can be removed for cleaning.
2. Move carrier to its far right position.
3. Remove the prism assembly by grasping the gear with your fingers and pulling it out of the barrel.
4. Remove lens by pushing through the hole on bottom of the lens barrel using a finger on your left hand and grasping the top of the lens with your fingers on your right hand.
5. Brush loose dust and dirt from the exposed lens elements and exposed portion of prism with a soft brush.
6. Wipe the lens elements and prism with a soft, non-abrasive cloth and replace them.
7. Replace the viewing screen.



Figure 4

For Dual Lens Readers Only:

8. Move carrier to its far right position.
9. Shift lever to high to remove low magnification prism and lens.
10. Remove the prism assembly by grasping the gear with your fingers and pulling it out of the barrel.
11. Remove lens by pushing through the hole on the bottom of the lens barrel using a finger on your left hand and grasping the top of the lens with your fingers on your right hand.
12. Brush loose dust and dirt from the exposed lens elements and exposed portion of prism with a soft brush.
13. Wipe the lens elements and prism with a soft, non-abrasive cloth and replace them.
14. Move carrier to its far left position.
15. Shift lever to low to remove high magnification prism and lens.
Remove, clean and replace prism and lens.
16. Replace the viewing screen.



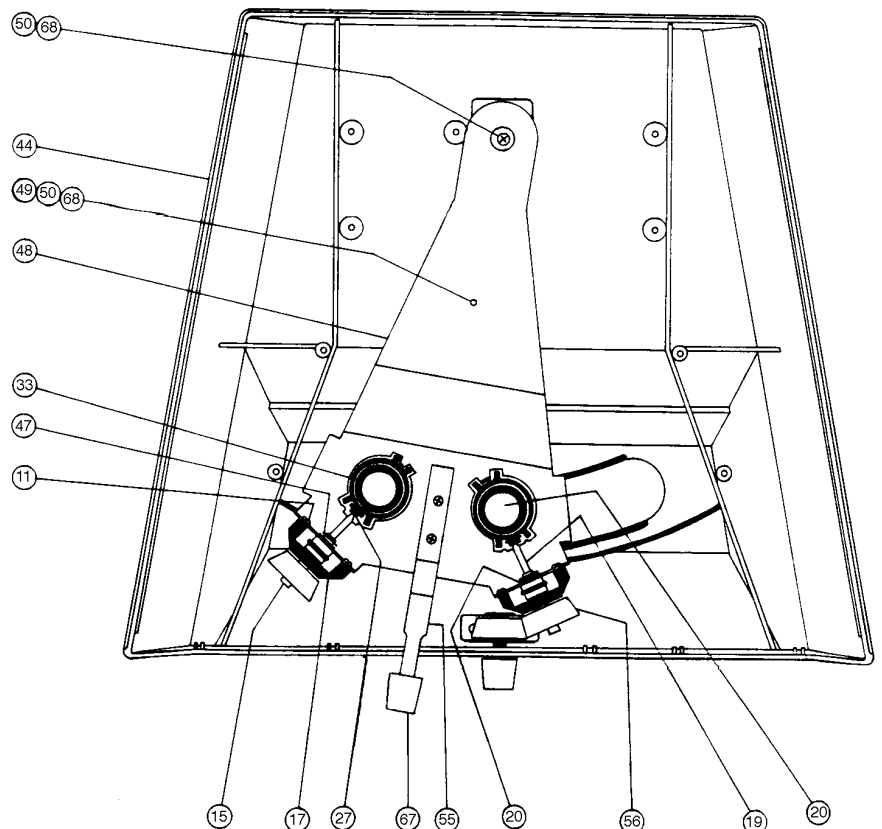
Figure 5

Parts List Eye Com 1200 Dual Lens

Mirrors

There are three mirrors in the Eye Com readers. The first mirror is located on the hinged bracket in the single lens model. The dual lens first mirror is located on a fixed bracket. The second mirror is mounted on the inside of the upper half hood. The third mirror (condenser) is located directly opposite the readers lamp (this mirror can be reached by removing the lamp access door). The mirrors have a special front surface coating and are susceptible to scratching. To clean, use Data Vu Cleaning Mist and a soft, non-abrasive cloth.

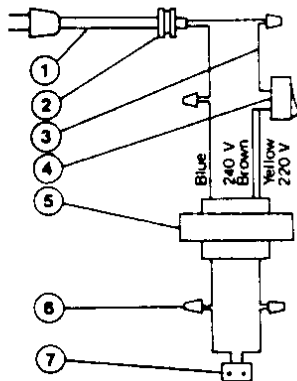
NOTE: When cleaning condenser mirror It is recommended that a small camel hair brush be used. Utilize the same method to clean the condenser lens.



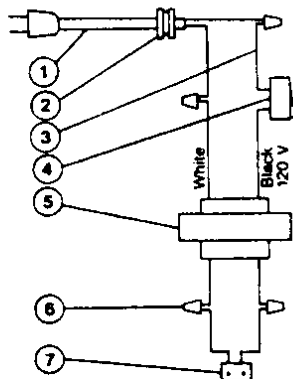
SERVICE PARTS LIST & ACCESSORIES

PARTS LIST Part No. 8073, Dual Carrier Assembly

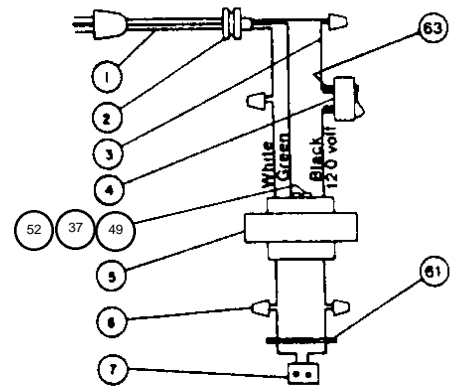
Description	Part No.	Item No.	Part No.	Description	Qty
13.8 amp, 13.8 Volt, 25 Watt, FLT	1006				
4X Source Index Grid	7031				
2X Source Index Grid	7012	1	7009	Upper Glass Assembly	2
8X Source Index Grid	7028	2	7269	Upper Carrier, Plastic Dual	1
8X COM Index Grid	7011	3	1508	Left Side Support	1
2X COM Index Grid	7059	4	1009	Lower Slide Rod	1
0mm Lens (80X)	1129	5	1053	1/8 Nyliner	2
2.5mm Lens (64X)	1113	6	7015	Right Side Support Assembly	1
5mm Lens (54X, 75% Blowback of 2X COM Fiche)	1043	7	1545	Lower Carrier	1
7mm Lens (100% Blowback of 48X Source Document Fiche)	1044	8	1017	Lower Glass	2
0mm Lens (100% Blowback of 42X Source Document Fiche)	1146	9	1104	6-32 x 1/4 Philips Head Screw	4
2mm Lens (75% Blowback of 48X COM Fiche)	1150	10	1549	Bearing Slider	1
9mm Lens (100% Blowback of 24X Source Document Fiche)	1149				
2mm Lens (100% Blowback of 20X Source Document Fiche)	1155				
Upper Glass Assembly, 4x 6 Or Dual	7009				
Upper Glass Assembly, 4x7-3/8	7020				
Access Door	1013				
Viewing Screen	2005				
Dustcover	1352				
Ambient Light Shield	7068				
Turntable	7040				
Data Vu Cleaning Mist	7045				
Fiche File - Standard	7064				
-with lock option	7065				
-with turntable option	7066				
-with lock and turntable options	7067				
Rollfilm Attachment	8020				



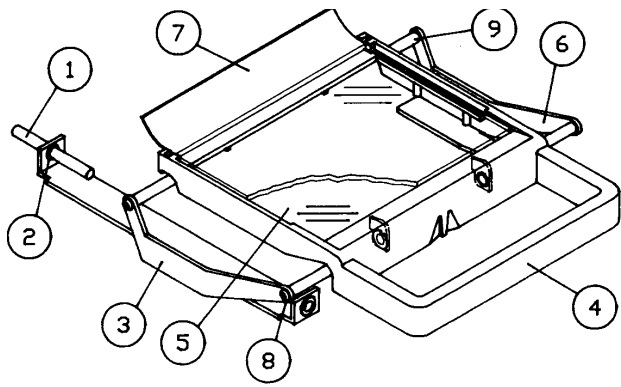
220/240 Volt
Wiring Diagram



120 Volt
Wiring Diagram



120 Volt
CSA Wiring Diagram



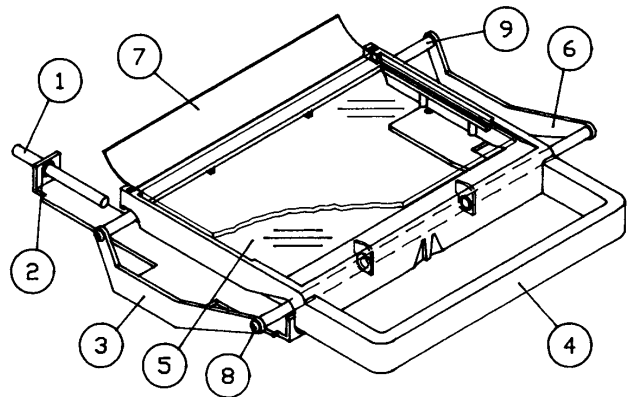
Parts List
4 x 6 Carrier Assembly
Part No. 7035

PARTS LIST
Part No. 7035, 4" x 6" Carrier Assembly

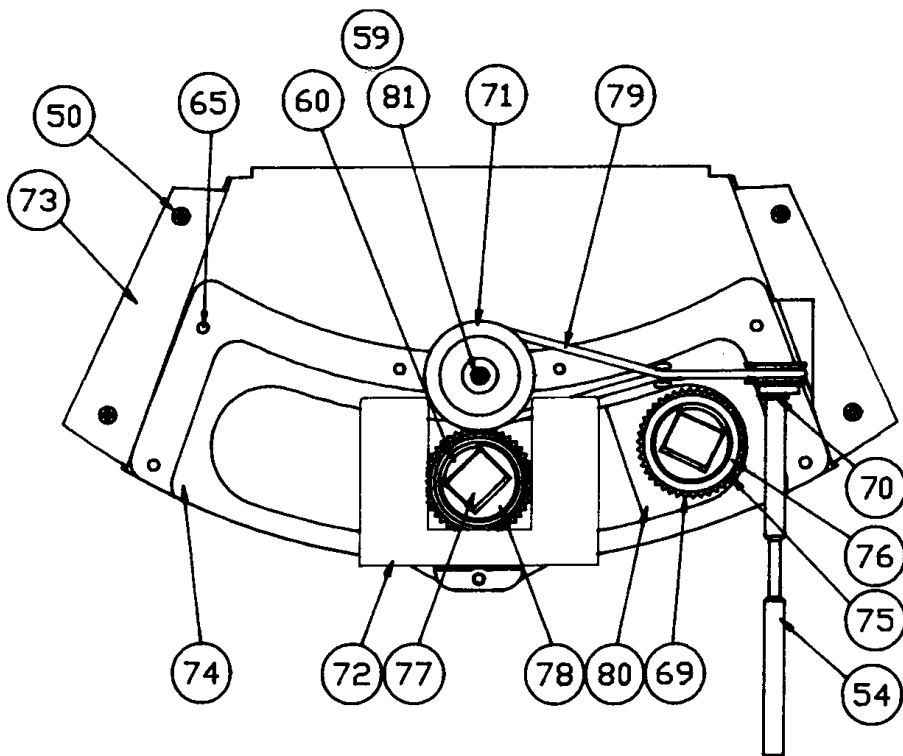
Item No.	Part No.	Description	Qty
1	1009	Lower Slide Rod	1
2	1053	1/8 Nyliner	4
3	1001	Left Side Support	1
4	1003	4x6 Carrier	1
5	1017	4x6 Lower Glass	1
6	7006	Right Side Support	1
7	1003	4 x 6 Upper Glass Assembly	1
8	1078	#6-32 x 7/16 Philips Head	4
9	1010	Upper Slide Rod	2

PARTS LIST
Part No. 7036, 4" x 7-3/8" Carrier Assembly

Item No.	Part No.	Description	Qty.
1009		Lower Slide Rod	1
1053		1/8 Nyliner	4
1202		Left Side Support	1
1200		4 x 7-3/8 Carrier	1
1204		4 x 7-3/8 Lower Glass	1
7019		Right Side Support	1
7020		4 x 7-3/8 Upper Glass Assembly	1
1078		#6-32 x 7/16 Philips Head	4
1201		Upper Slide Rod	2



Parts List
4 x 6 Carrier Assembly
Part No. 7036



Parts List
Image Rotation

(See Back Page for Listing)

PARTS LIST Eye Com 1200

Item No.	Part No.	Description	Qty.	Item No.	Part No.	Description	Qty.
1	1056	Domestic Power Cord	1	19	1114	Lower Focus Shaft	2
	1058	European Power Cord	1	20	1129	Lens (10mm)	1
	1059	Australian Power Cord	1		1113	Lens (12.5mm)	1
	1060	United Kingdom Power Cord	1		1043	Lens (15mm)	1
	1708	CSA Power Cord	1		1044	Lens (17mm)	1
2	1057	Domestic Strain Relief	1		1146	Lens (20mm)	1
	1070	European, Australian, U.K. & CSA Strain Relief	1		1150	Lens (22mm)	1
					1149	Lens (29mm)	1
3	1065	Wire Cord to Switch	1		1155	Lens (32mm)	1
4	1127	On-Off Switch	1	21	7035	Carrier, 4 x 6	1
5	1008	120 Volt Transformer	1		7036	Carrier, 4 x 7-3/8	1
	1055	220/240 Volt Transformer	1		7037	Carrier, Dual	1
6	1048	Wire Connector	4	22	7011	Grid (22mm) 48X COM	1
7	1108	Domestic Lamp Socket	1		7028	Grid (17mm) 48X Source	1
	1007	European, U.K., Australian & CSA Lamp Socket	1		7056	Grid (20mm) 42X Source	1
					7031	Grid (29mm) 24X Source	1
8	1320	Upper Hood	1	23	1082	#6 x 7/8 Hi-Riser Base Screw	4
9	2005	Screen, Projection	1	24	1062	Rubber Feet	4
10	1321	Bezel	1	25	1004	Base - Upper Half	1
11	1083	#6-20 x 1/4 Screw	2	26	1005	Base - Lower Half	1
12	1957	1st Mirror	1	27	1115	Eccentric Universal	2
13	1332	2nd Mirror	1	28	1052	Nyliner	5
14	1123	Grommet	2	29	1534	Condenser Mirror	1
15	1630	Upper Focus Shaft	2	30	1611	Condenser Lens	1
16	1035	Focus Knob	2	31	1041	Tinnerman Clips	3
17	1116	Focus Shaft Support	2	32	1336	Mirror Bracket	2
18	1636	Drive Belt	2	33	1120	Brass Barrel	1
Item No.	Part No.	Description	Qty.	34	1650	Barrel Housing	2
				35	1081	#6x 1-1/8 Hi-Riser Base Screw	2
				36	1135	#8-32x3/4 Hood Mount Screw	6
				37	1143	#6-32x1-1/4 Transformer Screw (CSA)	1
				38	1013	Access Door	1
				39	1042	Lamp Holder	1
				40	1006	Lamp	1
				41	1118	Heat Sink	1
				42	1077	#8-32 Nut	12
				43	1110	#8 Lock Washer	6
				44	2002	Lower Hood	1
				45	1127	OFF-ON Switch	1
				46	1016	Grid Plate	1
				47	1051	E-Ring	3
				48	1652	Pivot Bracket	1
				49	1619	Pivot Spring	1
				50	1138	#6-10x1/2 Screw	6
				51	1655	Focus Bracket Dual Lens	1
				52	1639	#6-32x1/2 Screw	2
				53	1640	#6-32 Nut	2
				54	1497	Image Rotation Shaft	1
				58	1614	Screen Tab	1
				61	1131	Cable Tie (CSA)	1
				62	1132	#8 External Tooth Washer (CSA)	1
				63	1134	Heat Shrink (CSA)	2
				64	1339	Mirror Locator Bracket	1
				65	1348	.120 x .25 Rivet	4
				66	1323	Mirror Mount Plate	1
				67	1656	Pivot Knob	1
				69	1334	Spur Gear	2
				70	1246	E-Ring	1
				71	1335	Pulley	1
				72	1496	Light Baffle	1
				73	1495	Retainer Plate	1
				74	1494	Sleeve Guide	1
				75	1322	Brass Barrel	2
				76	1327	Prism Housing	2
				77	1330	Rotation Prism	2
				78	1333	Prism Extrusion	2
				79	1449	Drive Belt (Rotation)	1
				80	1326	Sleeve Retainer	2
				81	2235	No. 4 Flat Washer	1

