

The Polaroid Digital Palette Film Recorder System

- Digital recorder unit
- 35mm camera back
- Polaroid pack film camera back
- Polaroid 35mm PowerProcessor
- Polaroid Illuminated Slide Mounter
- Manual and software diskettes
- Host interface cable (Centronics parallel)
- Power cord
- Four AA batteries for Slide Mounter

Table of contents

1 Introduction

1-1	What is the Polaroid Digital Palette Film Recorder?
1-2	Technical assistance
1-2	Using this manual
1-3	The Polaroid Digital Palette Film Recorder system
1-3	Accessories
1-4	Registration card
1-4	Film types
1-5	IBM requirements
1-5	Macintosh requirements
1-5	Software (for IBM use)
1-5	Software (for Macintosh use)
1-6	Radio and television interference

2 Setting up

- | | |
|-------------|--|
| 2-1 | Unpacking and positioning the recorder |
| 2-1 | Connecting the recorder to an IBM or compatible PC |
| 2-2 | Connecting the recorder to a Macintosh II (CI5000 only) |
| 2-3 | Turning on the system |
| 2-3 | Testing your installation |
| 2-4 | Installing and loading the 35mm system (for making slides) |
| 2-6 | Installing and loading the pack film system (for making prints) |
| 2-9 | Installing and loading the AutoFilm system (for making AutoFilm prints) |
| 2-11 | Installing and loading the optional 4 x 5 system (for making 4 x 5 prints and chromes) |

3 Caring for the system

- | | |
|------------|--|
| 3-1 | Maintenance |
| 3-2 | Testing your hardware installation |
| 3-3 | Troubleshooting |
| 3-5 | Limited Two Year Equipment Warranty (U.S.A. and Canada) |
| 3-6 | Limited One Year Equipment Warranty (Outside the U.S.A and Canada) |
| 3-7 | Polaroid Offices and Service Centers |

4 Installing ImagePrint

- | | |
|------------|---------------------------------------|
| 4-1 | What is Polaroid ImagePrint software? |
| 4-2 | The READ.ME file |
| 4-3 | Installing the software |
| 4-4 | Editing AUTOEXEC.BAT |
| 4-4 | Checking CONFIG.SYS |
| 4-4 | Performance tips (optional) |
| 4-5 | Starting ImagePrint |
| 4-6 | Configuring ImagePrint |

4x5 system:

**To update your manual,
please add pages 2-11 to
2-13 at the end of
Chapter 2 (*Setting up*),
and replace the first page
of the Table of contents
with the enclosed page.**

Installing and loading the optional 4x5 system (for making 4x5 prints and chromes)

This system comprises a 4x5 adapter and the Polaroid Model 545 4x5 Film Holder for exposing 4x5 sheet films.

Polaroid 4x5 sheet films

- Polaroid Polacolor ER 4x5 Instant Sheet Film Type 59 (for color prints)
- Polaroid Black-and-White 4x5 Instant Sheet Film Type 54 (for black-and-white prints)
- Polaroid Professional Chrome Type 100D Film (conventional color reversal film)

Note: The Polaroid Model 550 4x5 Pack Film Holder may be used in place of the Model 545 Film Holder, but $\frac{1}{4}$ - $\frac{1}{8}$ in. will be cropped off the left edge of the image.

Mounting the 4x5 adapter

Note: If you have just removed the 35mm or AutoFilm camera back, be sure to unplug the control cable from the front of the recorder.

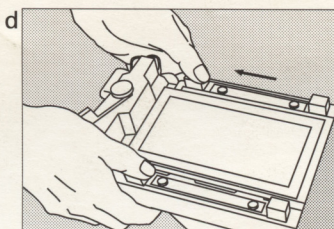
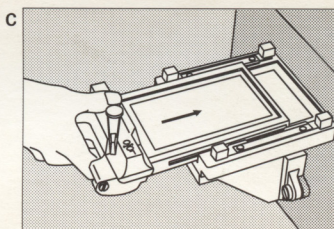
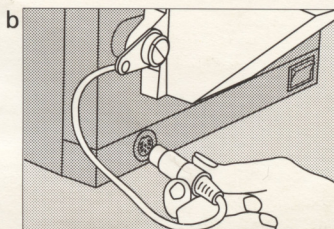
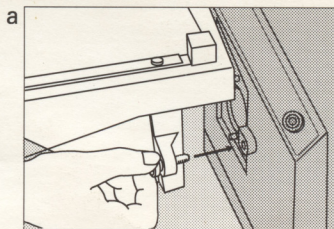
- 1 Remove the lens cap. With the locks on top, line up the two screws in the adapter with the two holes in the recorder (picture a). Push the adapter into place and screw the knobs until they are firmly finger-tight. Never use a wrench or pliers to tighten the knobs.

- 2 Plug the cable attached to one of the screws into the connector on the front of the recorder (picture b).

Note: This is not a power connection. The connector identifies the 4x5 back for proper operation of the recorder with the adapter, and is attached to the screw for safe-keeping.

- 3 With the sliding locks in the unlocked position (pushed toward the recorder), fit the Model 545 film holder into the track and slide it all the way onto the adapter as shown (picture c).

- 4 Be sure it is all the way on and properly seated, then push the sliding locks into the locked position, away from the recorder (picture d). The film holder should now be firmly attached to the adapter.



Loading and exposing 4x5 sheet films

Note: This is a summary of the steps. For complete information, refer to the holder instruction book.

- 1 With the control arm set to L (Load), insert the cap end of the envelope into the holder, with "This side toward lens" facing down. Push the envelope all the way in, without buckling it.
- 2 Before making the exposure, gently withdraw the envelope until it comes to a firm stop. Run your thumb and forefinger lightly over the pod area; if you can feel the pod, reinsert the envelope and try again.
- 3 Make the exposure, then push the envelope all the way in. The film is now ready to be processed.

Processing 4x5 instant sheet films

- 1 Move the control arm to P (Process).
- 2 Grip the envelope firmly and pull it straight, all the way out, at moderate speed, without hesitation. Start timing the processing now.
- 3 After the recommended processing time (refer to the film instructions), separate the print from the negative. Grasp the two flaps and tear the envelope apart to the metal cap. Holding the negative and thin paper mask with your left thumb, quickly lift off the print with your right hand. Discard the negative.

Processing 4x5 conventional films

- 1 Move the control arm to P (Process).
- 2 Pull the envelope out carefully. Remove the backing from the tape and fold over the envelope at the line to store the exposed film until processing.
- 3 In a darkroom, remove the film from the envelope (see film instructions) and process as soon as possible.

Cleaning and troubleshooting

Refer to the film holder instructions.

Caution

This process uses a caustic paste. Avoid contact with skin, eyes and mouth and keep away from children and animals. **If you get some paste on your skin, wipe it off immediately and wash with water to avoid an alkali burn.** If eye or mouth contact occurs, quickly wash the area with plenty of water and see a doctor. Keep discarded materials away from children, animals, clothing and furniture.

