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Mamiya RZ67/ RZ67ProII/ RZ67ProIID

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Before Getting Started

This chapter describes the Leaf Aptus digital camera back installation as it applies to the Mamiya RZ67, Mamiya RZ67ProII, and Mamiya RZ67 ProIID cameras.

Items Required for the Installation

For a detailed list of the items required for installation, see *Chapter 2, Items Required for the Installation*. In addition to the items shown, your kit will include either the Hasselblad or Mamiya mount and Mamiya RZ67 adaptor plates. You will need both the mount and the adaptor plates for the installation procedure.



Important: To avoid installation and operation problems, use only the accessories supplied in the Leaf Aptus digital camera back kit.

Quick Installation Reference

1. Install the focusing screen mask into the viewfinder.
2. Mount the adaptor plate on the camera body. The procedure is the same for both the Hasselblad and Mamiya adaptor plates.



Note: You can use either a universal or 645AFD Leaf Aptus adaptor plate.

3. Remove the protective cover from the Leaf Aptus digital camera back.
4. Attach the digital camera back to the adaptor plate.
5. Connect the Camera-to-Back Sync cable between the camera lens and Leaf Aptus. If you are working in tethered mode, go straight to step 7.
6. Install the compact flash card. The installation is complete.

Working in tethered mode:

7. Install the Leaf Capture application from the CD and start the application.
8. Connect the FireWire cable between the computer and Leaf Aptus.

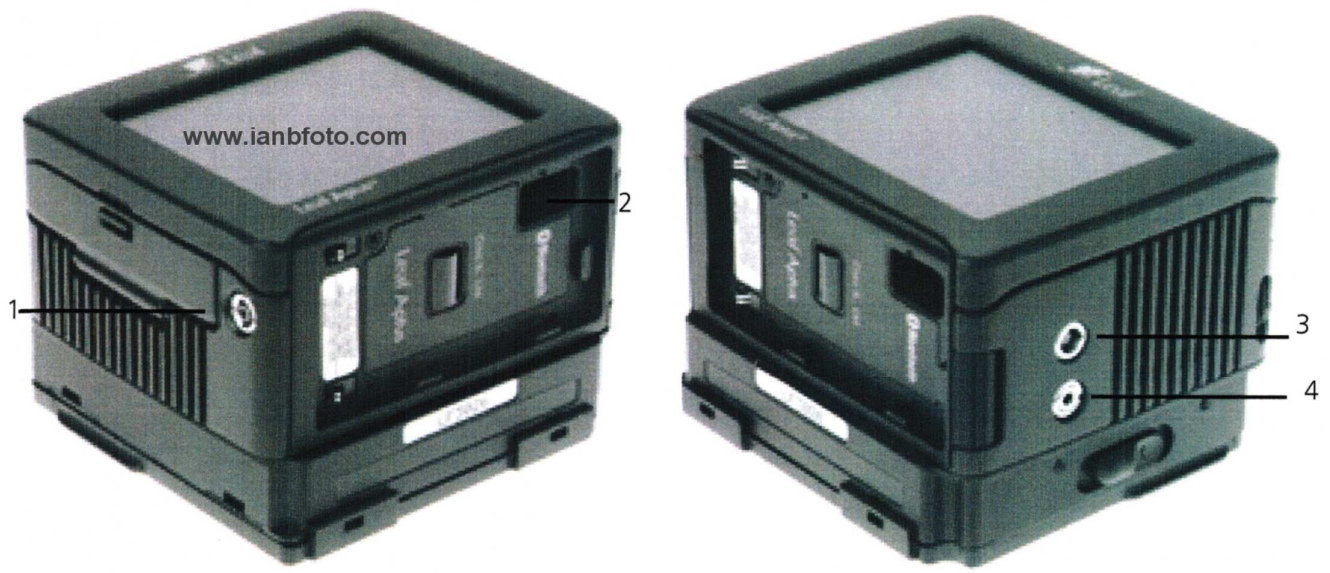
After you connect the cable, the application automatically connects to the digital camera back. When the connection is established, the LED indicator on the digital camera back turns from orange to green.



Notes:

If you want to work with an external flash or strobe, connect the Flash Sync cable between the Leaf Aptus digital camera back and the flash or strobe unit.

To trigger the camera from the computer, connect the Camera Control cable (not supplied with the camera back) between the camera body and Leaf Aptus.



- [1] Flash Sync socket
- [2] FireWire port

- [3] Camera Control socket
- [4] Camera-to-Back Sync socket

Figure 24: Ports and sockets on the Leaf Aptus digital camera back



Figure 25: The Leaf Aptus digital camera back on a Mamiya RZ67 camera

Installation Procedures

The procedures in this section together constitute the basic installation process.

Installing the Focusing Screen Mask

The focusing screen mask enables you to view the exact area that Leaf Aptus digital camera back captures.

1. Remove the viewfinder from the camera body according to the manufacturer's instructions.
2. Remove the focusing screen, and then replace it with the supplied focusing screen.
3. Reinstall the viewfinder on the camera body according to the manufacturer's instructions.



Figure 26: Installing the focusing screen

Attaching the Leaf Digital Camera Back to the Camera Body

1. Mount the Mamiya RZ67, Mamiya RZ67ProII, or Mamiya RZ67 ProIID camera on a tripod.
2. Insert the four studs on the Mamiya camera body into the four holes on the adaptor.



Figure 27: Connecting the Leaf Aptus digital camera back

3. Secure the adaptor plate to the camera body by flipping the locking lever from right to left into the locked position.
4. Remove the protective cover from Leaf Aptus.
5. Connect the digital camera back to the camera body. Rest the digital camera back on the lower supports making sure that the lugs are properly engaged in the recesses.
6. Move the camera back toward the camera body and check that the camera's upper support hooks fit into the slots on the camera back, and lock it into place.
7. Lock the digital camera back into place.



Figure 28: Locking the Leaf Aptus digital camera back into position



Note: Make sure the Multiple/Revolving lever is set to **M**.

To change the orientation of Leaf Aptus:

1. Switch the Multiple/Revolving lever on the side of the Mamiya RZ67 camera to **R** position.
2. To switch from landscape to portrait orientation, gently rotate the digital camera back 90° clockwise until it snaps into place.

Connecting the Cables

This section contains procedures for connecting various cables for use with the Mamiya RZ67 camera.

Connecting the Camera Control Cable



Note: Make sure the lever on the Camera Control cable is in **O** position.

1. Insert one end of the Camera Control cable (lever facing down) into the Mamiya release socket on the front of the camera.
2. Turn the lever to the **L** position to lock it.
3. Insert the opposite end of the cable into the Camera Control socket on Leaf Aptus.



Figure 29: Connecting the Camera Control Cable to Leaf Aptus

Connecting the Camera-to-Back Sync Cable

1. Insert one end of the Camera-to-Back Sync cable into the Mamiya Lens Flash socket.
2. Insert the other end of the cable into the Camera-to-Back Sync socket on the adaptor plate.



Figure 30: Connecting a Camera-to-Back Sync cable to Leaf Aptus

Connecting the Flash Sync Cable



Note: The Leaf Aptus digital camera back together with the Flash Sync cable is only suitable for use with external flash or strobe lighting.

- Connect the flash sync cable to the Flash Sync connector on Leaf Aptus.



Figure 31: Connecting a Flash Sync Cable to Leaf Aptus

Connecting the FireWire Cable

For information about connecting the FireWire cable, see *Chapter 11, Working in Tethered Mode*.

Removing the Leaf Digital Camera Back From the Camera Body

1. Place the camera on a steady, flat surface.
2. If any of the following cables are connected, disconnect them:
 - FireWire cable
 - Camera Control cable
 - Camera-to-Back Sync cable
 - Flash Sync cable
3. Slide and press the Release button on the digital camera back to the left side.



Figure 32: Removing the Leaf Aptus digital camera back from Mamiya 645 AF-D camera

4. Tilt the camera back away from the camera body to remove it.