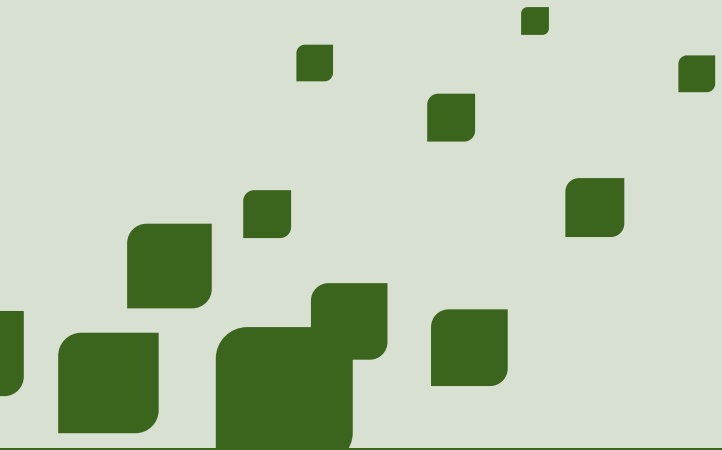
Leaf

731-00157A-EN Rev B

User Guide

English

Leaf DP-67
Portable Application



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RE37,376	5,325,217	5,532,728	5,742,743	5,996,499	6,158,345	6,353,216
4,558,302	5,339,176	5,561,691	5,764,374	5,998,067	6,159,659	6,366,339
4,743,091	5,343,059	5,568,595	5,764,381	6,003,442	6,164,637	6,371,026
4,992,864	5,355,446	5,576,754	5,771,794	6,014,471	6,180,325	6,377,739
5,049,901	5,359,451	5,579,115	5,785,309	6,016,752	6,181,362	6,387,597
5,079,721	5,359,458	5,592,309	5,813,346	6,031,932	6,181,439	6,396,422
5,103,407	5,367,360	5,594,556	5,818,498	6,043,865	6,186,068	6,396,618
5,111,308	5,384,648	5,600,448	5,854,883	6,060,208	6,189,452	6,407,849
5,113,249	5,384,899	5,608,822	5,861,904	6,063,528	6,191,882	6,414,755
5,122,871	5,412,491	5,615,282	5,861,992	6,063,546	6,204,874	6,422,801
5,124,547	5,412,737	5,625,766	5,875,288	6,072,518	6,208,369	6,435,091
5,132,723	5,420,702	5,636,330	5,894,342	6,090,529	6,214,276	6,441,914
5,150,225	5,420,722	5,649,220	5,900,981	6,096,461	6,217,965	6,450,092
5,153,769	5,459,505	5,650,076	5,934,196	6,098,544	6,260,482	6,456,396
5,155,782	5,473,733	5,652,804	5,942,137	6,107,011	6,266,080	6,476,931
5,157,516	5,481,379	5,680,129	5,946,426	6,112,663	6,266,134	6,477,955
5,208,818	5,488,906	5,691,823	5,947,028	6,115,056	6,267,054	6,509,903
5,208,888	5,497,252	5,691,828	5,958,647	6,121,996	6,268,948	6,541,181
5,247,174	5,508,828	5,696,393	5,966,504	6,130,702	6,283,589	6,545,772
5,249,067	5,509,561	5,699,174	5,969,872	6,134,393	6,295,076	6,564,018
5,283,140	5,517,359	5,699,740	5,973,801	6,136,509	6,299,572	
5,291,273	5,519,852	5,708,736	5,986,819	6,137,580	6,318,266	
5,323,248	5,526,143	5,713,287	5,995,475	6,147,789	6,352,816	

Creo Inc.
3700 Gilmore Way
Burnaby, B.C., Canada
V5G 4M1
Tel: +1.604.451.2700
Fax: +1.604.437.9891

http://www.creo.com

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Using This Manual

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Who Should Use This Manual

This manual is intended for users of the Leaf DP-67 application on the Leaf DP-67 (iPAQ). It explains how to use the software on the Leaf DP-67 (iPAQ) in conjunction with photographic equipment. A familiarity with the Leaf Capture V8 application is necessary for a full understanding of the contents of this user guide.

To use this manual, you should:

- Be familiar with the Leaf DP-67 (iPAQ) operating system (Pocket PC 2002 or higher).
- Have a working knowledge of Leaf Capture V8 and be familiar with the *Leaf Capture V8 User Guide*.

This manual assumes that:

- All the hardware and software are installed, configured, and operating correctly according to the *Leaf Valeo Installation Guide* and other Leaf documentation provided with your Leaf equipment.

Conventions Used in This Manual

This section describes the terminology and symbols used in this manual.

Terminology

Click	Place the mouse pointer over the specified option or button, and then press and release the left mouse button.
Double-click	Place the mouse pointer over the specified option or button, and then quickly press and release the left mouse button twice.
Stylus	The instrument used to tap the Leaf DP-67 (iPAQ) screen.
Tap	Touch the screen with the stylus.
Drag	*When used in reference to the Leaf DP-67 (iPAQ):* Press the stylus on the screen, move it across the screen.
Enter	Type the information, and then press the ENTER or RETURN key.
Point	Position the mouse pointer over a submenu or menu command. For example, point to the File menu.
Press	*When used in reference to the Leaf DP-67 (iPAQ):* Hold the stylus on the screen (for example, to open a menu). *When used in reference to a keyboard:* Press the specified key or key combination on your keyboard. For example, press CTRL+ALT+DEL.
Right-click	Place the mouse pointer over an area of the application window, and then press and release the right mouse button to display the shortcut menu. For more information about using shortcut menus, see your Windows documentation.

Select	*When used in reference to the Leaf DP-67 (iPAQ):* Tap the stylus on the specified option. *When used in reference to a keyboard:* Place the mouse pointer over the check box for the specified option, and then click the left mouse button so that an X or check mark appears in the check box. Or: Place the mouse pointer over the specified box or button, and then click the left mouse button.
Type	Type the information. Do not press the ENTER or RETURN key.

Symbols

Note: A note provides additional information that you may need to consider.

Tip: This symbol indicates information that can help you perform a task more quickly or easily.

This symbol indicates a procedure.

The reference symbol indicates that related information on the topic is available in another document.

Important: This symbol indicates things that may cause process delays or reduce functionality, reliability, or quality.

For More Information

Visit Leaf at www.creo.com/leaf.

1

Introduction to Leaf DP-67

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The Leaf DP-67 (iPAQ) and application, together with your Leaf Valeo digital camera back, enable you to work without being connected to a host computer—thus giving you the freedom of portability. And with the latest Bluetooth® technology, the Leaf DP-67 (iPAQ) can communicate remotely with the Leaf Valeo digital camera back, offering you even more freedom of movement.

The advantages of large storage space for your images and full control over the capture process are maintained by the Leaf Digital Magazine and Leaf DP-67 (iPAQ) display and control devices.

If you have been using a consumer digital camera until now, the initial transition to photography with the Leaf DP-67 involves a little effort but there is immediate gain for the professional photographer. Significant differences between the consumer digital camera and Leaf DP-67 distinguish Leaf DP-67 as the professional tool—and one you will enjoy using.

This brief introduction will familiarize you with Leaf DP-67 and start you on an enjoyable digital route to professional photography—in any location.

Shooting on the Move: Improving the Workflow

There are several identifiable stages in today's professional photographic project, as described in the following section: (1) Capture, (2) Develop, (3) Review and Select, and (4) Output for Print.

For detailed information about shooting stages when shooting analog or digital, see *From Analog to Digital: Improving the Workflow*, *Leaf Capture V8 User Guide*.

With Leaf DP-67, these steps can be carried out quickly and effectively, as described below:

1. Capture

   Photograph the subject. To verify composition, use the instantaneous, full-screen digital preview on the Leaf DP-67 (iPAQ). The shot is saved directly to the Leaf Digital Magazine.

2. Develop

   The image is developed immediately with digital image processing. You can zoom in to 1:1 detail to verify focus. Examine and correct exposure and gray balance using familiar tools from Leaf Capture V8. The stylus and pressure-sensitive screen of the Leaf DP-67 (iPAQ) make use of the Leaf DP-67 application quick and easy.

   Optional Step—Continuous Capture

   At this stage, it is possible to disconnect the Leaf DP-67 (iPAQ) and shoot rapidly, storing images in the Leaf Digital Magazine's internal memory. The Leaf Digital Magazine can store a large quantity of shots, the exact amount depending upon the resolution of the Leaf digital camera back.

3. Review and Select

   At any time during or after the session, reconnect the Leaf DP-67 (iPAQ) and examine the shots in the digital display. Consult other participants in the shoot by letting them view captures on the Leaf DP-67 (iPAQ). Manage your image files—mark images as Good or Not Good, sort, annotate, change a file name, or delete.

4. Output for Print

   Simply plug in the Leaf Digital Magazine to the FireWire port of your host computer and open the images in Leaf Contact Sheet or Leaf Capture V8. Process images as you would host-captured images.

Detailed Leaf DP-67 Application Workflow

The following is a more detailed examination of each stage of the Leaf DP-67 workflow:

1. Preliminary Step: Arrange for Portable

   Before you start a shooting sequence, set up the Leaf Digital Magazine with the preferred data that makes captures made with Leaf DP-67 compatible with your work on the host computer. Attach the Leaf Digital Magazine to the FireWire port and select **Arrange For Portable** in the main menu of Leaf Capture V8.

2. Shoot Setup: Subject and Lighting

   To begin shooting with a Leaf digital camera back and Leaf DP-67, select a Shoot Setup in the Leaf DP-67 application that is suitable for the shoot conditions, and start taking pictures.

   You can use the Leaf DP-67 as your display and control device in order to verify and correct shoot setup parameters such as Exposure or Gray Balance. On the Leaf DP-67 (iPAQ), you can conveniently enlarge the image to the size of a typical Polaroid print. The stylus and pressure-sensitive screen make interaction with the Leaf DP-67 application quick and easy.

3. Exposure

   You can check exposure with the familiar exposure tools of Leaf Capture V8:

   - **Auto Meter**—Indicates if your exposure is on, near, or off target, and by how much (in f-stops).
   - **Histogram—**Enables you to quantitatively assess your image in terms of exposure to verify that your shots are correctly exposed.
   - **Spot tool sample**—Enables you to select a specific point in the 1:1 image or in the full frame, and read its relative exposure level.
   - **Show Over/Show Under**—Tools which enable you to view the over-exposed and under-exposed areas of an image.

4. Gray Balance

   The Gray Balance function allows you to select a gray point in the image then apply it to subsequent shots. Alternatively, you can use one of the default gray balance settings. If you want to use a gray card at a distance, zoom in to 1:1, then select a point on the card.

5. Composition and Focus

   If you know the frame proportion for your final images, you can select an output size frame in the **Output Size** function and locate it on the image. This helps to verify correct composition. Check depth of field, zoom in to 1:1, and examine details in any part of the image.

6. Other Shoot Setup Parameters

   You can change other Shoot Setup parameters such as **Input Profile**, **Sharp Table**, and **ISO Rating** in the Leaf DP- 67 application, as you would in Leaf Capture V8.

   Familiar Develop Curves for different image brightness and contrast are available. You can specify low contrast or high contrast "film" to match scene requirements.

7. Shooting

   After setting the exposure, gray balance, output size, and other shoot setup parameters, you can disconnect the Leaf DP-67 display so that you can concentrate on your subjects and what's in the viewfinder. Alternatively, you can keep the Leaf DP-67 (iPAQ) connected and use it, as needed, to verify images you capture. If storage space or battery power runs low, the Leaf DP-67 application gives you ample warning.

8. Review and Select

   After you have captured a series of images, you may want to review them in order to select good images or discard poor ones. There are 1-View, 4-View, and 9-View image displays. Mark and annotate image files in the **1-View**, **4-View**, **9-View**, or **List** view using the stylus on the pressure sensitive screen. Discard poor images to free up storage space and to save time when transferring files to the host computer for output. The Leaf DP-67 (iPAQ) can also be passed to other shoot participants for viewing.

9. Return to Leaf Capture for Output

   Disconnect the Leaf Digital Magazine from the Leaf digital camera back and connect it to the FireWire port of your host computer. Immediately, you can view images in Leaf Contact Sheet, open them in Leaf Capture V8, or process them with the Leaf Batch Processor application. Copy over image files and delete the originals from the Leaf Digital Magazine in preparation for the next shooting session. Transfer speed is that of the host computer, which is very much faster than the speed of compact storage used by other digital cameras and camera backs.

10. Enhance and Output for Print

    Use the powerful tools available in Leaf Capture V8 to enhance and output your images.

For more information about the enhancement and output of images, see the *Leaf Capture V8 User Guide*.

2

Getting Started

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Arrange For Portable

To access Arrange for Portable:

1. Open Leaf Capture V8 (version 8.0.1 or higher).
2. From the main menu, select **Arrange>For Portable**.

   The Arrange for Portable window opens. In the Arrange for Portable windows, you can copy shoot setups and other tables to the Leaf Digital Magazine for use when you work portably with the Leaf DP-67 application.

To arrange the Leaf Digital Magazine:

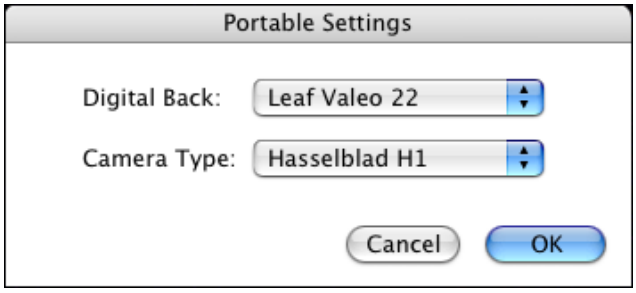
1. Connect the FireWire cable from the Leaf Digital Magazine to the Macintosh computer.
2. The **Leaf Digital Magazine** disk icons appear on the desktop:
   - **Leaf DM SYS**—This Leaf Digital Magazine disk contains all of the parameters needed for work with the Leaf Digital Magazine and camera.

Important: Do not delete any files from or add any files to this disk.

   - **Leaf DM**—All images captured portably are saved to one of the Leaf Digital Magazine disk(s).
3. Double-click the **Leaf Capture V8** application icon.

   The application starts.
4. On the main menu, select **Arrange>For Portable**.

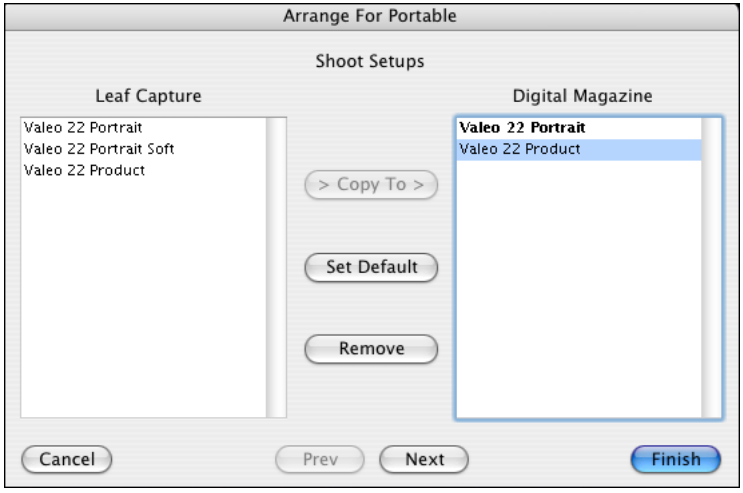
   The **Portable Settings** dialog box appears.



5. Select a digital back from the **Digital Back** list.

6. Select a camera type from the **Camera Type** list.
7. Click **OK**.

   The Arrange For Portable - Shoot Setup window opens.



In the Arrange For Portable windows, you can copy shoot setups and/or other tables from Leaf Capture V8 to the Leaf Digital Magazine for use with the portable kit.

The first time you use Arrange For Portable, all of the factory tables that suit the camera type and Leaf digital camera back you have selected appear in the Leaf Capture list and are copied automatically to the Digital Magazine list. Custom tables can be copied from the Leaf Capture list to the Digital Magazine list.

Note: The shoot setup that is bold in the **Digital Magazine** list is the default shoot setup used for the next shoot.

To use Arrange For Portable automatically:

➢ Click the **Finish** button.

All default settings are automatically copied from the **Leaf Capture** list to the **Digital Magazine** list and the window closes.

To copy a Shoot Setup from the Leaf Capture list to the Digital Magazine list:

When you copy a Shoot Setup, you are copying all of the tables in that Shoot Setup.

1. In the Arrange For Portable window, select a table in the **Leaf Capture** list.
2. Click the **Copy To** button.

   The table is copied to the **Digital Magazine** list.

Note: In the Shoot Setup window, you cannot leave the **Digital Magazine** list empty. If the **Digital Magazine** list is empty, the **Next** and **Finish** buttons are unavailable.

To set a default shoot setup:

1. From the **Digital Magazine** list, select the shoot setup you want to assign as the default.
2. Click the **Set Default** button.

   The selected shoot setup is bold in the **Digital Magazine** list. This shoot setup is the default for the next shoot.

   Custom or factory shoot setups can be designated as the default shoot setup. This is useful when you want to shoot without being attached to the Leaf DP-67 (iPAQ).

Notes:

A default shoot setup is selected automatically. It changes only when you set the default shoot setup using the **Set Default** button.

If you select a default shoot setup, you can shoot after connecting to the Leaf DP-67 (iPAQ) or you can shoot without being connected.

To remove a shoot setup from the Digital Magazine list:

1. In the Arrange For Portable window, select a table in the **Digital Magazine** list.
2. Click the **Remove** button.

   The table is removed from the **Digital Magazine** list.

If you want to copy custom tables or tables not included in the shoot setup, you must do so in each of the relevant Arrange For Portable windows.

The Arrange For Portable windows that follow the Arrange For Portable - Shoot Setup window are:

- Gray Balance
- Develop Curve
- Output Size
- Sharp
- ICC Profile

To copy custom tables:

1. In the **Leaf Capture** list, select the custom tables you want to copy to the **Digital Magazine** list.
2. Click the **Copy To** button.

   The custom tables are copied to the **Digital Magazine** list.
3. Click the **Next** and **Prev** buttons to move from one Arrange For Portable window to another and revise your selections, as required.
4. Click the **Finish** button to save and close all Arrange For Portable settings.

A message appears informing you that Arrange For Portable was successfully completed.

To remove tables from the Digital Magazine list:

1. In the Arrange For Portable window, select a table in the **Digital Magazine** list.
2. Click the **Remove** button.

   The table is removed from the **Digital Magazine** list.

Notes:

In the Arrange For Portable windows, a table is unavailable if it is a table that is required as part of a shoot setup that appears in the **Digital Magazine** list. Unavailable tables cannot be removed from the list.

If a table in the **Leaf Capture** list also appears in the **Digital Magazine** list, it cannot be copied from the **Leaf Capture** list to the **Digital Magazine** list.

If you want to cancel the settings in the Arrange For Portable window(s), click **Cancel**. All changes are cancelled and the Arrange For Portable window closes. A message appears informing you that the settings are cancelled.

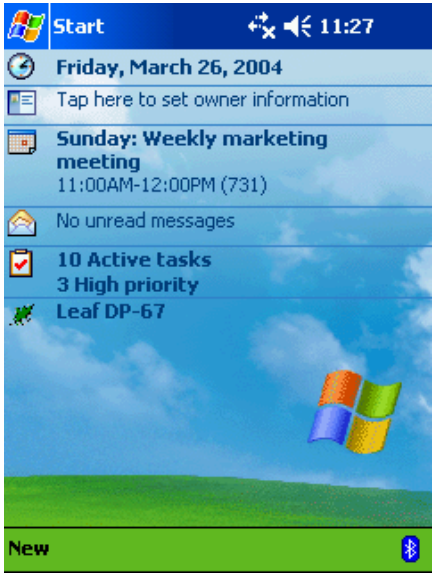
Starting the Leaf DP-67 Application

After you turn on the Portable kit and connect the Leaf Valeo digital camera back to the Leaf DP-67 (iPAQ), start the Leaf DP-67 application.

Important: There are two transport methods: Serial and Bluetooth. Before starting the Leaf DP-67 application, review the section *Transport* on page 53.

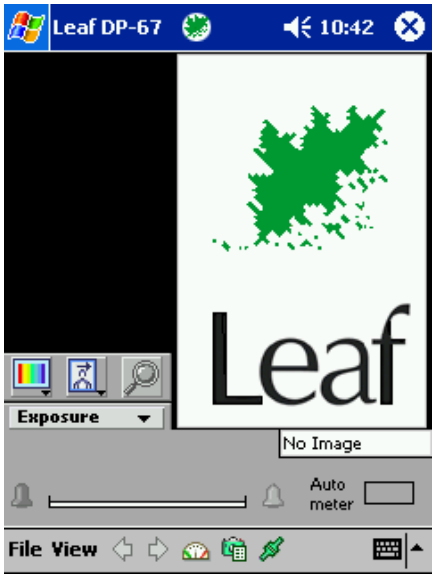
To start the Leaf DP-67 application:

- From the home screen menu, tap **Leaf DP-67**.

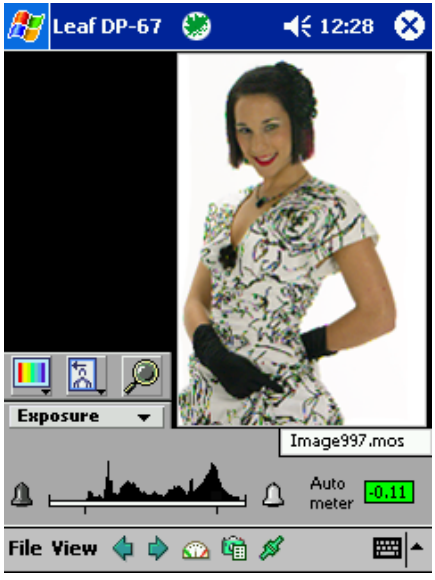


The Leaf DP-67 synchronizing status message appears over the following display:

If there are no images on the Leaf Digital Magazine, the following display appears:



If there are images in the Shooting Folder, the last captured image is displayed:



Note: The **connect** icon on the command and status bar appears green when the Leaf digital camera back is successfully connected and the Leaf DP-67 application is synchronized. The connect icon appears red when the Leaf digital camera back is not properly connected or the Leaf DP-67 application is not synchronized.

Tip: Beeps also indicated successful or unsuccessful connection. For more information about beeps, see the section *Beeps* on page 72.

Capturing

You can shoot while either connected or not connected to the Leaf DP-67 (iPAQ). You can display images as you capture, in either 1-View or full-screen view.

Single Shot

When you shoot a single shot in **1-View**, first a low resolution image with a histogram appear. After a short delay, the Leaf status icon stops moving, a high resolution image appears, and all functions in the functions area become available.

When you shoot a single shot in full-screen view, images appear in 1-View size and then in full-screen size.

Rapid Shooting (Burst)

When you are rapid shooting in **1-View**, the last capture in the burst series is displayed as a low resolution image. After a short delay, the Leaf status icon stops moving, a high resolution image appears, and all functions in the functions area become available.

When you are rapid shooting in full-screen view, the last image in the burst series appears in 1-View size and then in full-screen size.

Note: If you capture images while not connected to the Leaf DP-67 (iPAQ), you can connect afterwards to review them.

Reviewing

You can review images in any of the views while the Leaf DP-67 (iPAQ) is connected or disconnected. You can scroll using the **Prev/Next** buttons or the Navigator button on the Leaf DP-67 (iPAQ) (see page 16).

With the **Prev/Next** button, in 1-View or full-screen view you can move from image to image within a folder and in the multiple views from page to page within a folder.

With the left/right controls on the Navigator button, in 1-View, full-screen view, multiple-views, you can move from image to image within a folder.

For more information about the Prev/Next buttons, see *Prev/Next* on page 65 and for more information about the Navigator button on the Leaf DP-67 (iPAQ), see *Reviewing* on page 16.

If the Leaf digital camera back is connected when you review images, all functions are available.

If the Leaf digital camera back is disconnected when you review images, only the **Close**, **Prev/Next** buttons, **View**, **Sort**, **Show**, and the Navigator buttons on the Leaf DP-67 iPAQ are available.

Tip: You can also download images directly from the Leaf Digital Magazine to a host computer on which Leaf Capture V8, Leaf Contact Sheet, and/or Leaf Batch Processor are installed.

Leaf DP-67 (iPAQ) with 4-way Navigator button circled

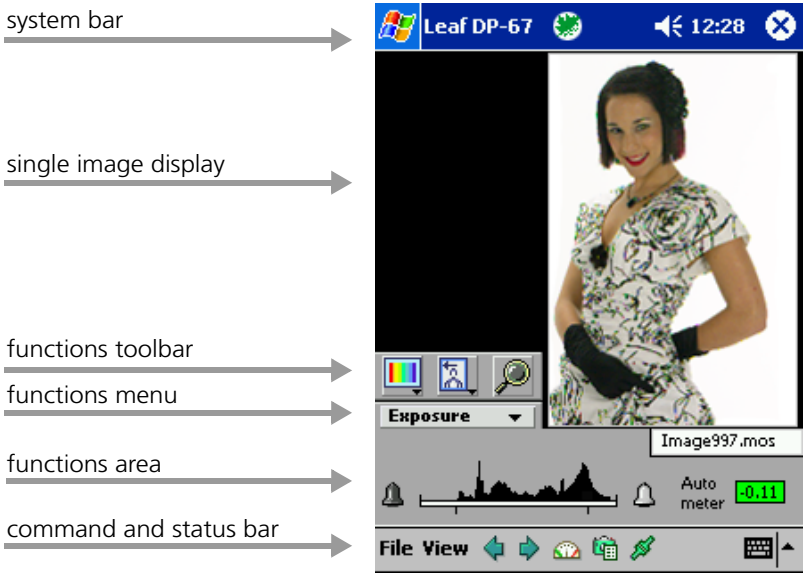
To scroll with the Navigator button:

- Press the left control on the Navigator button to scroll backwards.
- Press the right control on the Navigator button to scroll forward.

Leaf DP-67 Views

This section describes the Leaf DP-67 views on the Leaf DP-67 (iPAQ). There are four types of views in the Leaf DP-67 application.

1-View



Full-screen View

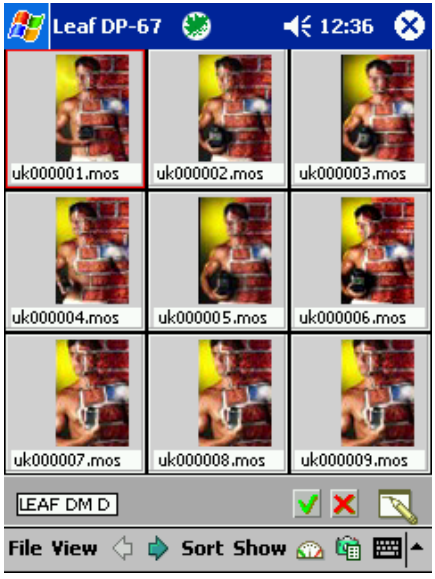
single image display

Multi-views

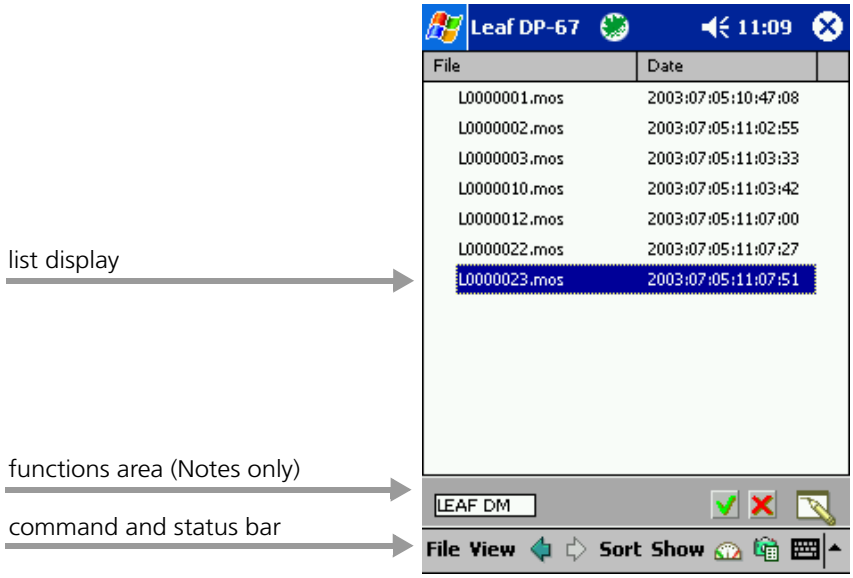
multi-image display
(4-View or 9-View)

functions area (Notes only)

command and status bar



List View


list display
functions area (Notes only)
command and status bar
Leaf DP-67
11:09
File
Date
L0000001.mos 2003:07:05:10:47:08
L0000002.mos 2003:07:05:11:02:55
L0000003.mos 2003:07:05:11:03:33
L0000010.mos 2003:07:05:11:03:42
L0000012.mos 2003:07:05:11:07:00
L0000022.mos 2003:07:05:11:07:27
L0000023.mos 2003:07:05:11:07:51
LEAF DM
File View Sort Show

3

1-View

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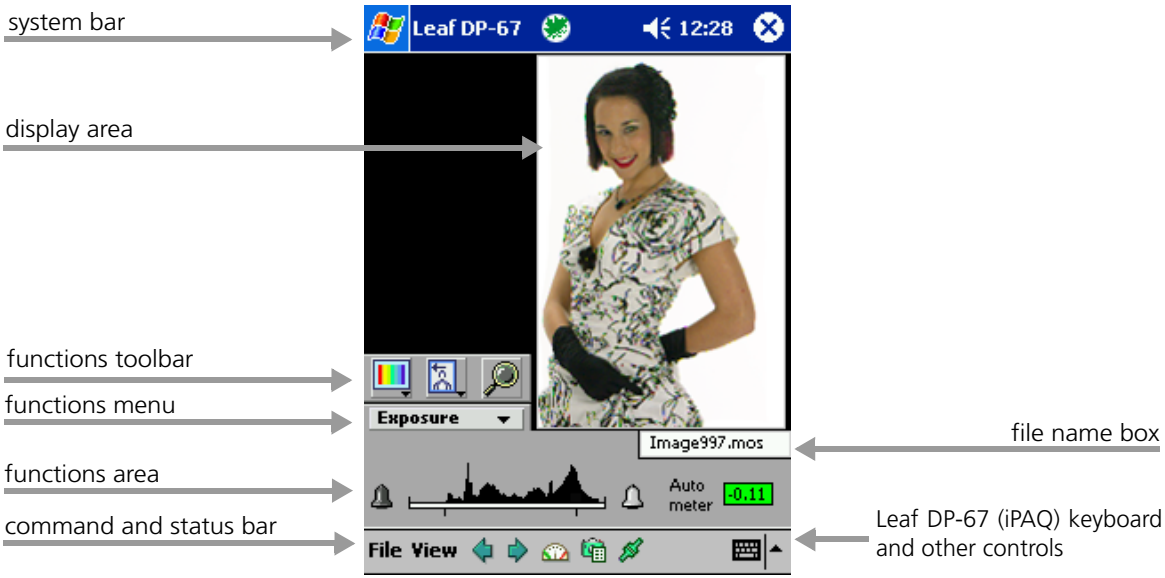
Introduction to 1-View

1-View is the default view. After every capture, 1-View is displayed (regardless of which display you may have last selected in the **View** menu).



System Bar

The system bar displays information related to the Leaf DP-67 (iPAQ) system (such as time and sound), gives you access to the operating system menu, as well as information related to the Leaf DP-67 application (the Leaf status icon, application name, and the Close icon). The system bar is always displayed except in full-screen view.

Leaf Status Icon

The Leaf status icon indicates that the system is performing a task.

For example, the Leaf status icon on the system bar moves when images are being processed. When the Leaf status icon stops moving, the images have been processed.

Close Icon

To close the application:

➢ On the system bar, tap the Close icon.

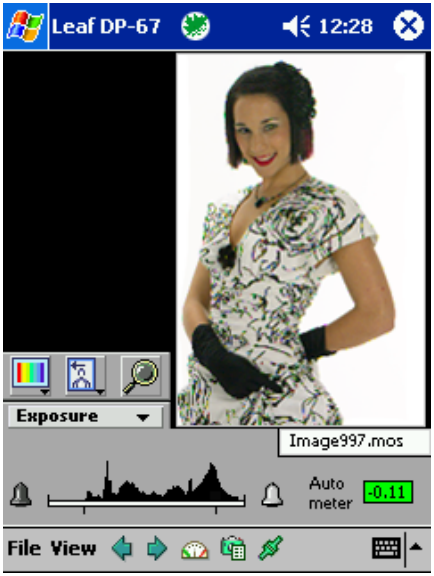
Notes:

The Close icon is always available except in full-screen view.

The last image that was captured is displayed when you reactivate the application.

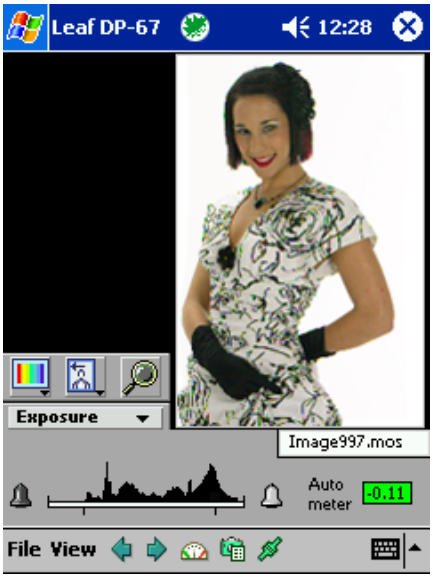
Display Area

In the default 1-View display area, you can view a full image or an image at a 1:1 zoom ratio. The display area can be enlarged to the size of the full screen.

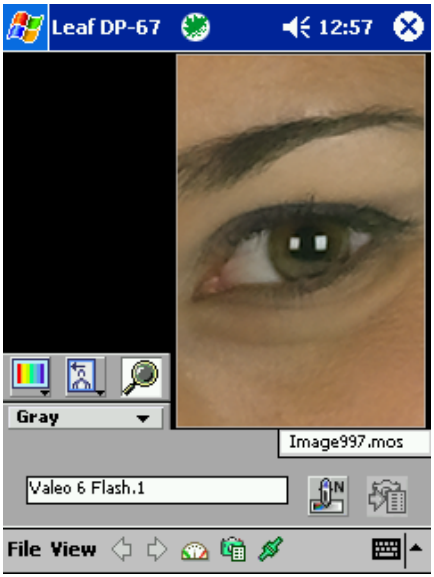


vertical display

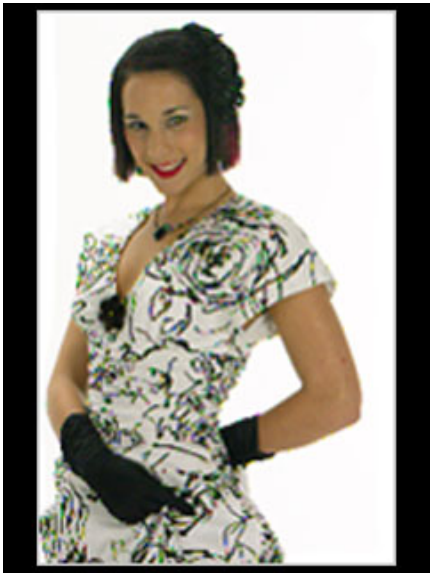
horizontal display



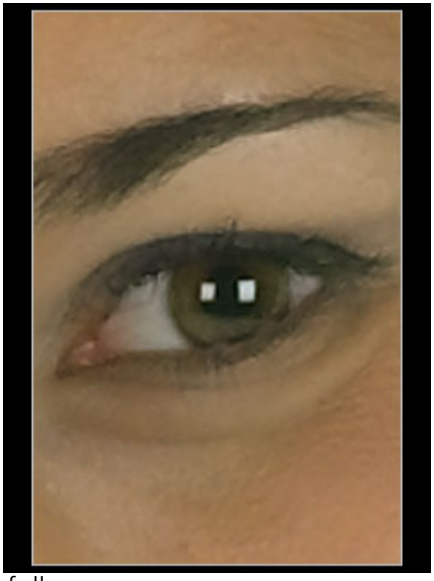
1-View (default)



1-View zoom



full-screen view



full-screen zoom

Functions Toolbar

The functions toolbar includes the **Color/B&W**, **Orientation**, and **Zoom** buttons.

Color/B&W Button

From the **Color/B&W** button menu, you can select either color or black and white for your next image capture.

For more information about **Color** and **B&W**, see the *Color or B/W button*, Chapter 2, Main Toolbar, in the *Leaf Capture V8 User Guide*.

Orientation Button

From the **Orientation** button menu, select Auto-orientation or the orientation which corresponds to the orientation of the Leaf digital camera back sensor, and thus your next image.

If you select **Auto-orientation**, the application automatically determines the orientation of the digital camera back and displays all subsequent captures according to this orientation.

If you select an orientation from the list, the three orientations are: **Portrait CW**, **Portrait CCW**, and **Landscape**.

For more information about Orientation, see *Orientation button*, Chapter 2, Main Toolbar, page 25 in the *Leaf Capture V8 User Guide*.

Zoom Button

To zoom in:

1. Tap the **Zoom** button.

2. Tap the image.

   The image is displayed at a 1:1 zoom ratio.

To zoom out:

➢ Tap the **Zoom** button.

The image display returns to the default.

To view an image full screen:

➢ Double-tap the image.

Note: You can expand the view to full screen from either the 1-View display or from a zoom.

To return to the 1-View display:

➢ Tap the image.

Tip: You can use all functions in the functions menu on an image in a zoom display. Functions, such as **Gray Balance**, are more easily applied when the image is displayed in zoom.

Functions Menu

There are five functions in the functions menu:

- Exposure
- Gray Balance
- Develop Curve
- Output Size
- Notes

Note: On the functions menu, some of the function names appear in a shortened form (specifically, **Gray Balance** appears as **Gray** and **Develop Curve** appears as **Develop**). If you press the functions menu, the functions menu opens, and the full names are displayed.

To select a function:

- Tap the menu arrow to display the next function.
- Press on the menu to open it and then select from the menu.
- Use the 4-way Navigator button (top and bottom controls) on the Leaf DP-67 (iPAQ) to scroll the menu, then tap. Press the top of the Navigator button to select the previous item on the menu. Press the bottom of the Navigator button to select the next item on the menu.

Notes:

When **Notes** (which is the last item on the functions menu), is selected and you press the bottom of the Navigator button, the next menu item that appears is **Exposure** (which is the first item on the functions menu).

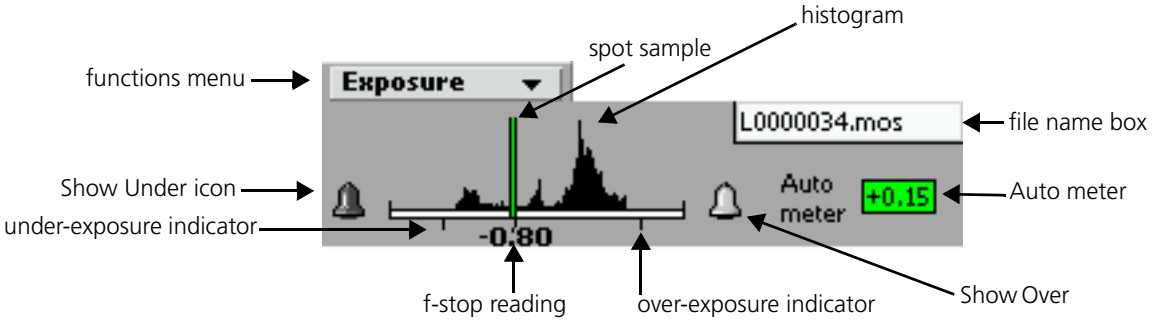
When **Exposure** (which is the first item on the functions menu) is selected and then you press the top of the Navigator button, the menu item that appears is **Notes** (which is the last item on the functions menu).

Tip: You can use all functions with an image in the default display size or in a zoom display.

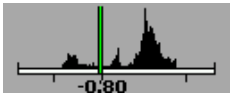
Exposure

Exposure refers to the amount of light to which the sensor cells in the Leaf digital camera back have been exposed. Using the same reference scale (that is, f-stops) as in traditional photography, the exposure functions enable you to access the exposure of your image using several different tools.

When you select **Exposure** from the functions menu, the Exposure functions are displayed in the functions area.



Histogram



The histogram is a graphical representation of the exposure data in a captured image. It displays the overall pixel distribution of the image. Use the histogram to view changes you make to the exposure and lighting of the scene. You can then make exposure or lighting adjustments, and view the adjustments in the image display and on the histogram itself. The shape of the histogram illustrates the key type or the tonal range of the image. It is a tool that you can use continually throughout your photo session, to verify that your shots are correctly exposed.

Tips:

Images with proper lighting contrast will normally be spread across the histogram from the lightest to the darkest areas.

If the histogram shows a lack of sufficient light, it is recommended to reshoot at a better exposure. Under-exposed images do not respond well to subsequent digital processing.

For detailed information about the histogram, see *Histogram* in the Capture toolbox - Advanced section of Chapter 5, Toolboxes, *Leaf Capture V8 User Guide*.

Spot Sample

The spot sample is a valuable indicator of the relative exposure of a selected spot. The f-stop value of the spot is displayed under the spot sample.

To determine the exposure of a specific point on the image:

➢ Tap a point on the image in the image display area.

At the selected point, a white spot appears on the image.

The spot sample appears on the histogram. The spot sample's position on the scale, indicates (in f-stops) the relative exposure of the spot to 18% gray (0 on the histogram scale).

Each time you select a point, the position of the spot sample on the histogram, and the f-stop reading, change accordingly.

Tips:

If you require specific points in the captured image to include detail, they must be correctly exposed. By using the spot sample, you can verify into which exposure zone each point falls and ensure that you obtain the results you require.

The spot sample enables you to easily calculate the exposure ratio between the highlight and shadow areas of the image.

In digital photography, it is of key importance that highlight detail be correctly exposed. Select the brightest detail area and ensure that the spot sample is at approximately +2. For more information, see *Show Under/Show Over*, Chapter 5, Toolboxes, in the *Leaf Capture V8 User Guide*.

Show Under/Show Over

Under-exposed or over-exposed areas may lack image detail and may not respond well to subsequent digital processing.

With the **Show Under** and **Show Over** icons, you can highlight the areas of an image that are under-exposed or over-exposed in the image display.

To highlight under-exposed and/or over-exposed areas:

➢ Tap the **Show Under** icon and/or the **Show Over** icon.

The icon(s) appears on a white square background to indicate that it is activated.

In the image display area, areas of the image that are over- and/or under-exposed are highlighted in blue.

Note: There may be a short delay before highlighting appears on the image display.

To remove highlighting from the image:

➢ Tap the activated **Show Under** icon and/or the **Show Over** icon.

The white square background is no longer displayed behind the icon(s). The highlighting is removed from the image display.

Under-exposure and Over-exposure Indicators

The under-exposure and over-exposure indicators, on the histogram scale, show the range between under-exposure and over-exposure.

Auto Meter

The **Auto meter** indicates the difference (in f-stops) between the ideal overall exposure for a standardly lit image and the actual image exposure indicated by the exposure indicator on the histogram. This information is helpful in determining whether or not the current image exposure levels are appropriate for the image you have captured.

The overall exposure of the image is represented by digits, with 0.0 indicating an even exposure, a negative number indicating an under-exposure and a positive number indicating an over-exposure.

For details about the exposure and exposure functions, see *Exposure* in the Capture toolbox sections of Toolboxes, Chapter 5, *Leaf Capture V8 User Guide*.

The color of the Auto Meter box indicates the exposure range, as follows:

Green—An ideal exposure

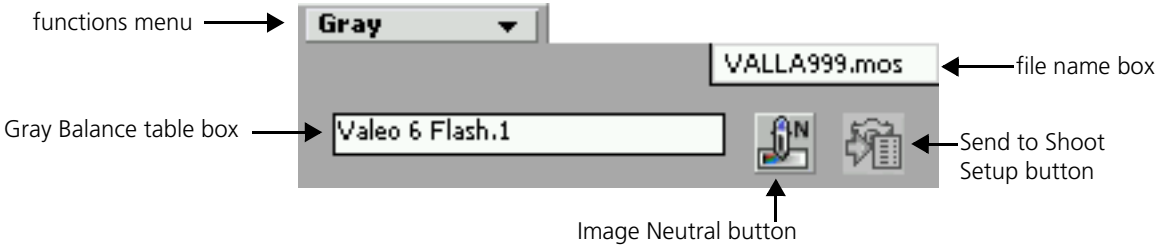
Orange—A slightly over-exposed image (if the reading is greater than zero or a slightly under-exposed image if it is to the less than zero)

Red—A poor exposure

Gray Balance (Gray)

With film, color bias in light source and film emulsion can be corrected using color correction filters. In digital capture, neutrality is achieved with the **Gray Balance** option, usually in combination with a neutral-colored surface in the scene.

When you select **Gray Balance** from the functions menu, the Gray Balance functions are displayed in the functions area.



The Gray Balance table box displays the Gray Balance table of the selected shoot setup. There are tables for different Leaf digital camera backs and for various types of lighting.

Image Neutral

Neutral option is used to balance the image prior to evaluating colors. This option reads the point that you choose in the image to be a neutral point (for example, an 18% gray card or another neutral point in the image) and automatically makes it neutral. The red, green, and blue values of this neutral point are identical.

The **Image Neutral** option is very useful for ensuring consistent, predictable results in your work. As you would use a gray card in analog photography or the white balance option on a video camera, use the **Image Neutral** option before you proceed with any further adjustments to the image.

To set a neutral point for an image:

1. Include a gray patch in the image, such as the one provided by Leaf or the Kodak Q14 grayscale. Position the patch in the center of your composition, making sure it receives light from the different light sources and is not in a shadow or highlight area. Instead of including a gray patch, you can use a gray component in the image.
2. Tap the **Image Neutral** button.
3. Tap a point on the gray patch or a gray color in one of the components of the image.

   The image neutral is set according to the values of this point. The neutral setting is retained with the image file and is available whenever the picture is open, unless you manually change it. The suffix .1 is added to the table name displayed in the Gray Balance table list.

Send to Shoot Setup

The **Send to Shoot Setup** option retains the current **Gray Balance** tables for subsequent shots.

To save the Gray Balance tables for the next shoot:

➢ After setting the **Gray Balance** for the image, tap the **Send to Shoot Setup** button.

The Shoot Setup window is automatically updated.

For details about Gray Balance, see *Gray Balance* in the Capture toolbox sections of Toolboxes, Chapter 5, *Leaf Capture V8 User Guide*.

Develop Curve (Develop)

A develop curve is the digital equivalent of the analog film lab. Simple pre-defined curves offer a variety of developing processes, allowing you to control the results in the image and in its display. For example, you can "develop" an image with more or less contrast by using a digital "push and pull" type process.

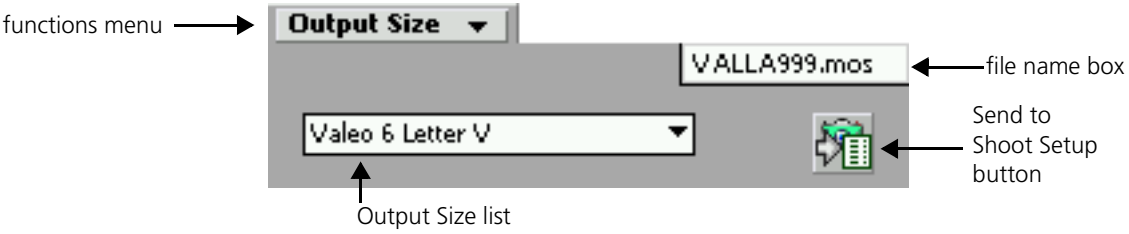
When you select **Develop Curve (Develop)** from the functions menu, the Develop Curve box is displayed in the functions area.

The Develop Curve box displays the develop curve of the selected shoot setup.

Output Size

Output Size defines the dimensions of the output image.

When you select **Output Size** from the functions menu, the Output Size functions are displayed in the functions area.



The **Output Size** list contains Output Size tables that you can apply to an image.

When you select an output size, an Output Size frame appears on the image.

To reposition the frame:

➢ In the image display area, drag the white Output Size frame to the position you require.

The suffix .1 is added to the name in the Output Size list.

Send to Shoot Setup

The **Send to Shoot Setup** option retains the current output size for subsequent shots.

To save the output size for a future shoot:

➢ After selecting the output size, tap the **Send to Shoot Setup** button.

The Shoot Setup window is automatically updated.

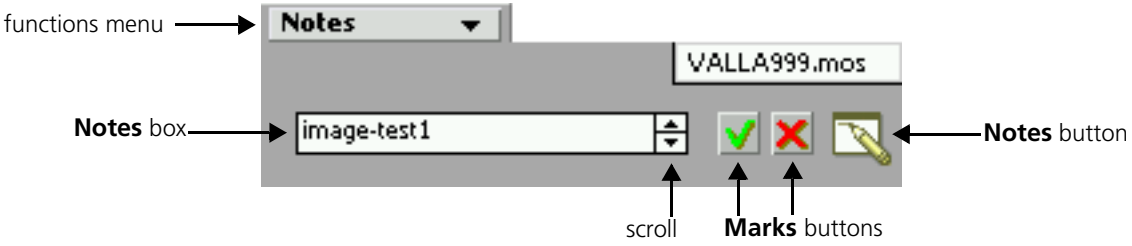
For information about the Shoot Setup window in the Leaf DP-67 application, see *Shoot Setup* on page 68.

For details about Output Size, see *Output Size* in the Capture toolbox sections of Toolboxes, Chapter 5, *Leaf Capture V8 User Guide*.

Notes

In the **Notes** function area, you can assign a mark and/or notes to an image.

When you select **Notes** from the functions menu, the Notes functions are displayed in the functions area.



Mark Buttons

You can toggle the Mark buttons to place a mark on or remove a mark from an image. The mark you assign to an image with the **Mark** buttons is saved with the image. The marks aid you in classifying images.

Note: In 1-View, marks are not displayed with an image but are indicated by pressed or unpressed **Mark** buttons in the **Notes** functions area.

The marks are:

- **Good**
- **No Good**

➢ To mark an image, tap a **Mark** button.

The **Mark** button appears pressed in the **Notes** function area.

Tips: Marks can also be applied directly from the multi-views or List View. A mark appears alongside the image in these views. For more information, see *View* on page 64.

Marks that you assign to an image file also appear when you open the file in the Leaf Capture V8 application. For more information, see *Marks*, Chapter 2, Main Toolbar, *Leaf Capture V8 User Guide*.

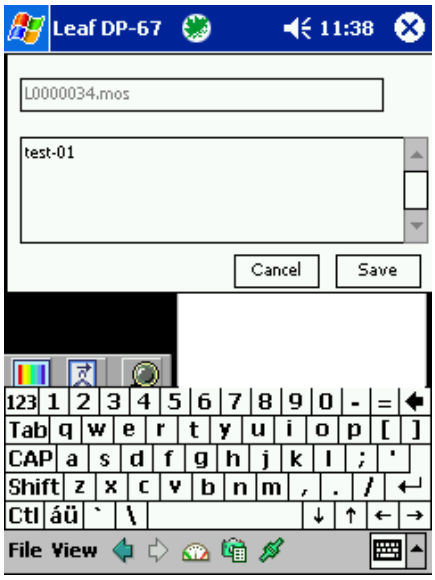
Notes Button

The **notes** button opens the Notes window, where you can enter information about an image. Notes that you attach to an image appear in the notes box in the **Notes** functions area.

To attach a note to an image:

1. Tap the **notes** button.

   The notes window and keyboard open.



2. Tap a note.
3. Tap **Save**.

   The note is saved with the image and the Notes window closes. The note is displayed in the Notes box.

Important: Do not change file names.

File Management

In the display area, you can access a file management menu to copy, move, or delete an image file.

To open the file management menu:

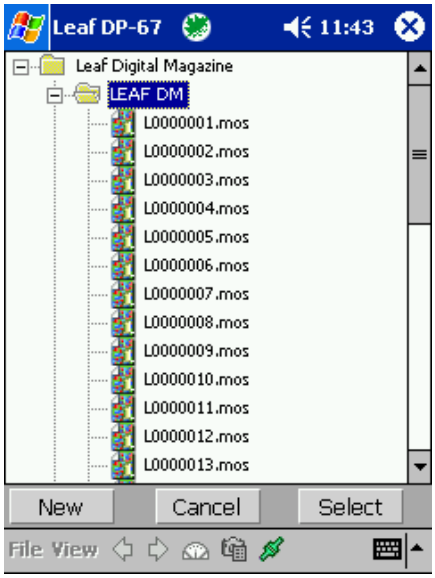
- On the image, press and hold.

  A ring of red circles appears and the menu opens.

To copy an image file:

1. Open the file management menu.
2. From the menu, select **Copy**.

   The browser opens.



3. Select a destination.
4. Tap the **Select** button.

   The image is copied and appears in the list in the selected destination.

To move an image file:

1. Open the file management menu.
2. Select **Move** from the menu.

   A message appears:

   ```
   Are you sure you want to move the selected item?
   ```
3. Tap **Yes**.

   The browser opens.
4. Select a destination.
5. Tap the **Select** button.

   The image is moved.

To delete an image file:

1. Open the file management menu.
2. Select **Delete** from the menu.

   A message asks you to confirm if you want to delete the image file.
3. Tap **Yes** to delete the image file.

Notes:

You can only delete a folder only if it is empty.

You can copy and move a file to the Leaf Digital Magazine disk.

4 Multi-views

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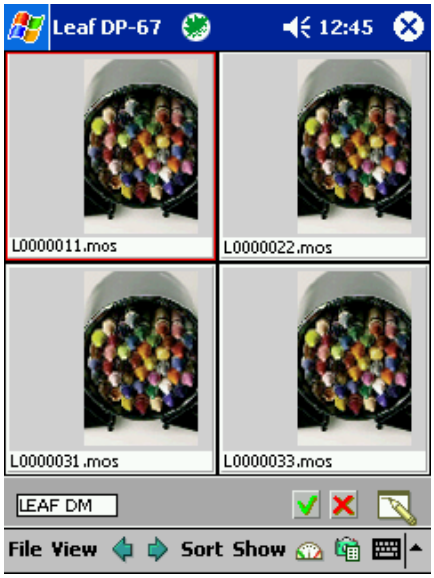
Introduction to the Multi-views

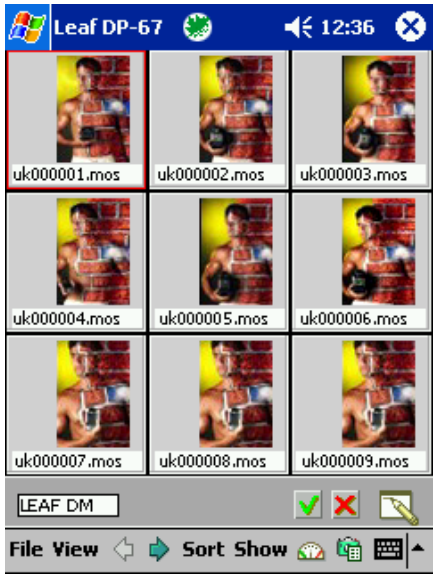
In the multi-views, you can view groups of four or nine images. The **Notes** functions, and the command and status bar, are common to both multi-views.

For more information about the **Notes** functions and command and status bar, see *View* on page 64.

Display Area



4-View



9-View

File Management

In the display area, you can access a file management menu to copy, move, or delete an image file, a group of images files, or a folder.

To open the menu:

- **For a single image**—In the gray area beside an image, press and hold.

  A ring of red circles appears and the menu opens.

- **For a group of images**—Press and drag, horizontally, then vertically to select the images. In the gray area beside any image, press and hold.

  A ring of red circles appears and the menu opens.

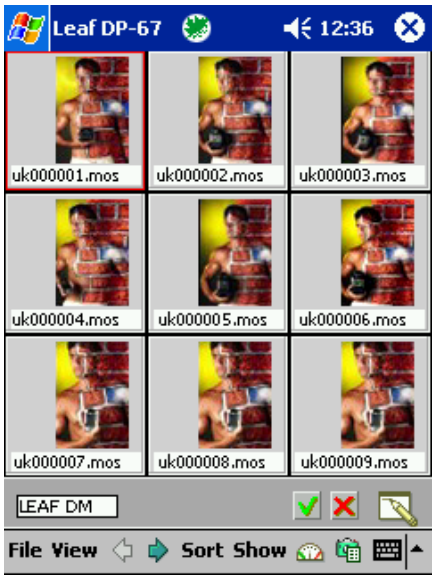
  For more information about the file management menu, see *File Management* on page 37.

Functions Area

When images are displayed in **4-View** or **9-View**, the **Notes** functions and the **folder location** box are displayed in the functions area.

Mark Buttons

Marks appear beside images in the multi-views.



To mark an image:

➢ Tap the image, and then the Mark button.

The mark appears next to the image in the image display area.

Notes:

If you select more than one marked image, and the images have different marks, the Mark button does not appear pressed.

If you select more than one marked image, and the images have the same marks, the Mark button appears pressed.

If you select a single marked image, the relevant Mark button appears pressed. If you change the mark, the newly selected Mark button appears pressed.

For more information about the Mark buttons, see *Mark Buttons* on page 35.

Notes Icon

For information about attaching a note to an image, see *Notes Button* on page 35.

Folder Location Box

The **folder location** box shows the location of the image that is currently displayed. This box only appears in the Notes function area of the multi-views.

5

List View

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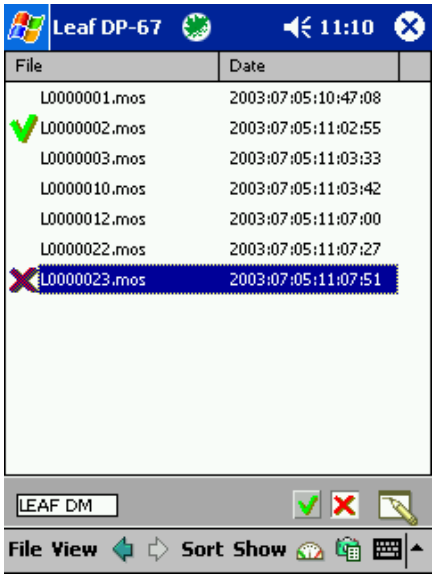
Introduction to List View

List View includes a list of files, Notes functions in the functions area, and the command and status bar. The **List** view is the same as the multi-views; **List** view, however, displays file names rather than images.

Display Area

➢ Select **View>List** to open a list of folders and files.



File Management

In the list area, you can access a file management menu to copy, move, or delete an image file, a group of images files, or a folder.

To open the menu:

- **For a single image file**—In the blue area, beside the selected image file, press and hold.
- **For a group of image files**—In the blue area between the selected image files, press and hold.

  A ring of red circles appears and the menu opens.

Note: To select a group of image files, press and drag vertically in the blue area between the image file names.

For more information about the file management menu, see *File Management* on page 37.

Functions Area

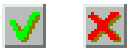
In the **List** view, the **Notes** functions are displayed in the function area.

Mark Buttons

To mark an image:

1. Tap the file name.

   The name is highlighted



2. Tap a Mark button.

For more information about the Mark buttons, see *Notes* on page 34.

Notes Button

For information about attaching a note to an image, see *Notes Button* on page 35.

6 Command and Status Bar

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File

Via the **File** menu, on the command and status bar, you can obtain basic information about the application version, open and delete image files, access the browser, recover and format the disk, specify serial or Bluetooth communication, and close the Leaf DP-67 application.

Open

You can open both files and folders via **File>Open**.

To open an image file:

1. Tap **File>Open**.

   The browser opens.

2. In the list, select the image you want to open.

3. Tap the **Open** button.

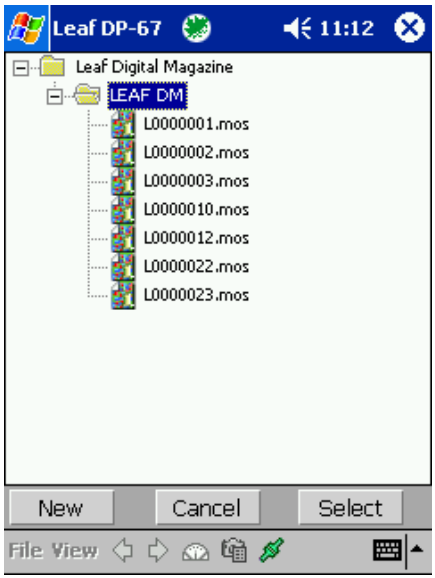
   The image opens in **1-View**.

For information about **View** options, see *View* on page 61.

To open a folder:

1. Tap **File>Open**.

   The browser opens with the active folder open in the list display.



2. Select the folder you want to open.
3. Tap the **Select** button.

   The images in the folder open in the **9-View** image display.

For information about the **9-View** display, see *View* on page 61.

Note: The first time you select **File>Open** after starting the application, the shooting folder that is specified in the Shoot Setup dialog box opens automatically in the browser.

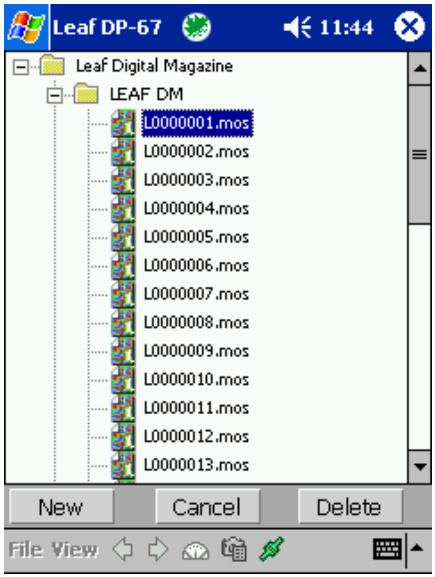
Tip: To open a folder in the list, you can also double-tap the folder name.

Delete

To delete a file or folder:

1. Tap **File>Delete.**

   The browser opens.



2. Select the file or folder you want to delete.

Notes:

You can only delete a folder if it is empty.

3. Tap **Delete.**

   A message appears:

   `Are you sure you want to delete the selected item?`

4. Tap **Yes.**

   The file or folder is removed from the list and deleted from the Leaf Digital Magazine.

Tip: You can also access **Delete** by pressing a file or folder name in the List-view, or an image in a multi-view. A ring of red circles appears and a menu opens from which you can select **Copy**, **Move**, or **Delete.**

DM Utility

You can recover or format a Leaf Digital Magazine disk via **File>DM Utility**.

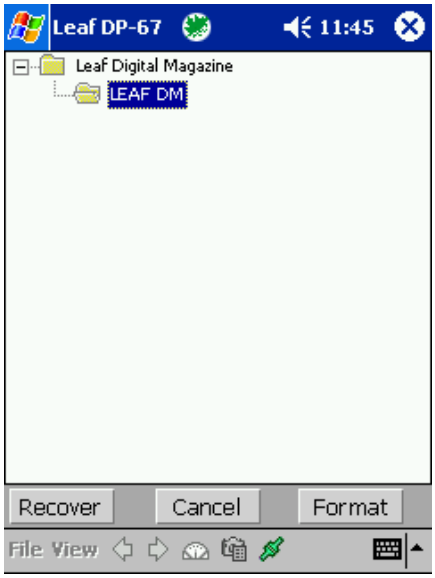
Recover

If you have difficulties with a disk on the Leaf Digital Magazine or on the Macintosh computer (for example, if you connect the Leaf Digital Magazine to the Macintosh computer and one of the disks is not displayed), you can use the **Recover** function in the Leaf DP-67 application to recover the disk.

To recover a disk:

1. From the **File** menu, select **DM Utility>Recover**.

   The browser opens.



2. Select the disk you want to recover.
3. Tap the **Recover** button.

   A message appears.

   ```
   Do you want to recover the selected partition?
   ```

4. Tap **OK**.

   The disk is recovered.

Format

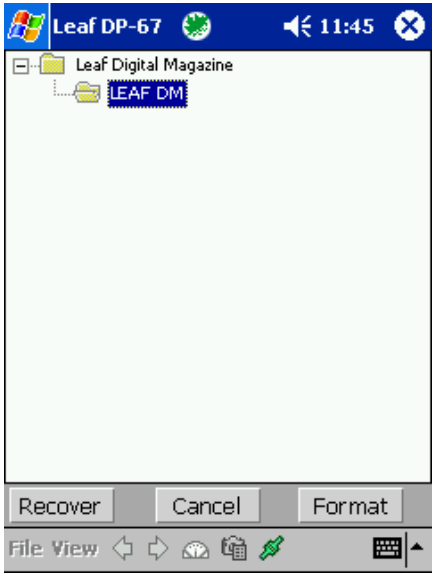
You must format each disk separately.

Important: When you format a disk, all the data on the disk is erased.

To format a disk:

1. From the **File** menu, select **DM Utility>Format**.

   The browser opens.



2. Select the disk you want to format.
3. Tap the **Format** button.

   A message appears:

   ```
   Formatting will erase all data on this disk. Do you
   want to continue?
   ```

4. Tap **OK**.

Note: If you select a disk that contains the current shooting folder or if an image in the selected disk is open, a message appears:

```
The shooting folder is on this disk. In order to format
the disk, you must change the location of the shooting
folder to another disk.
```

Transport

You can select either serial or Bluetooth communication via **File>Transport**.

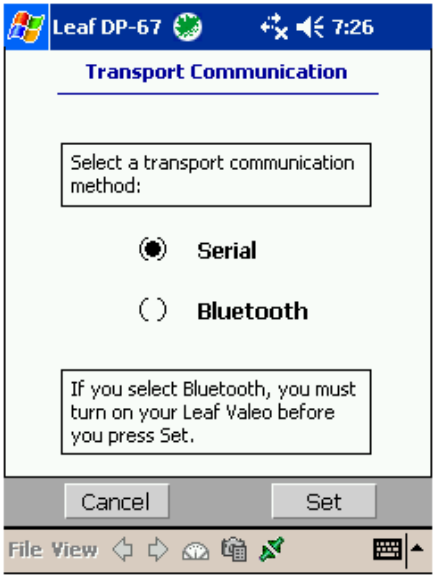
Notes:

The factory default setting is **Serial**.

Setting Serial Communication

1. From the **File** menu, select **Transport**.

   The Transport Communication dialog box opens.



2. Select **Serial**.
3. Tap the **Set** button.

   The Leaf DP-67 application synchronizes.

Notes:

You can set Serial communication before or after the Leaf digital camera back is connected with the FireWire cable.

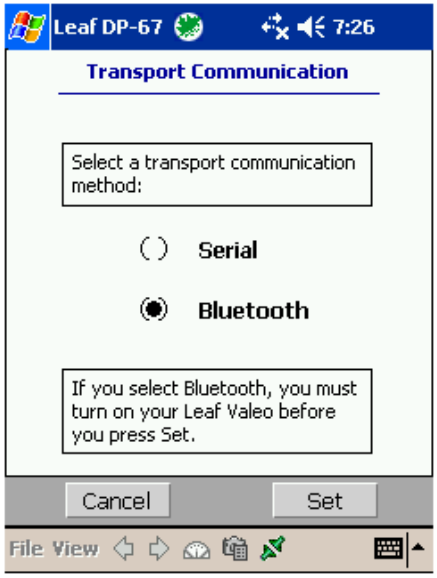
If you change the Transport Communication setting, the latest setting becomes the default. The default Transport communication setting is saved in the device.

Setting Bluetooth Communication

The Leaf Valeo digital camera back (the device) must be within ten meters of the Leaf DP-67 (iPAQ) in order for Bluetooth communication to be established.

1. From the **File** menu, select **Transport**.

   The Transport Communication dialog box opens.



2. Select **Bluetooth.**
3. Make sure that you turn on the Leaf Valeo digital camera back.
4. Tap the **Set** button.

   The `Searching for devices` message appears.

The My Leaf Valeo dialog box opens.

If you are using the Bluetooth device for the first time, the default device name(s) appears in the **Device Name** column and a red check mark appears in the **New** column. The check mark indicates that a device is new and is therefore not bonded.

5. From the **Device Name** list, select a device name.
6. Tap **Next**.

   A dialog box opens.

The factory default device name appears in the **Enter Device Name** box.

7. If you want to change the device name, tap a new device name in the **Enter Device Name** box.

Tip: Use a meaningful name that is easy to use and remember.

8. In the **PIN** (personal identification number) box, tap the factory default PIN (`1234`).
9. If you want to change the PIN, in the **New PIN** box, tap a PIN of your choice, and then confirm the new PIN in the **Confirm** box.

Note: A PIN may only include digits and cannot exceed sixteen digits in length.

10. Tap **Finish**.

The device is bonded and Bluetooth communication is established. The Leaf DP-67 `Synchronizing` message appears.

If you are not using the device for the first time:

The **New** column is blank for that device indicating that the device is already bonded.

1. Select the device you want to use.
2. If you want to change the device name or assign a new PIN to the device, tap **Next**.

   A dialog box opens. Follow the relevant procedures on page 56.
3. Tap **Finish**.

   The Leaf DP-67 `Synchronizing` message appears

If you want to delete a device name:

1. In the My Leaf Valeo dialog box, from the list, select the device you want to delete.
2. Tap the **Delete** button.

   The device is deleted from the list.

The next time you establish Bluetooth communication with this device, the factory default device name appears in the **Device Name** box. The PIN is the last PIN assigned to the device.

Note:

If a device is out of range (for example, to a distance greater than ten meters), established Bluetooth communication is broken. The Disconnect icon appears on the Command and Status bar. To reestablish communication, reenter the range and the Leaf DP-67 Synchronizing message appears indicating that communication is established.

About

You can read information about the application version and the connected Leaf digital camera back via **File>About**.

➢ From the **File** menu, select **About>Leaf DP-67 Application** to view information about the current Leaf DP-67 application version on the connected Leaf DP-67 (iPAQ).

➢ From the **File** menu, select **About>Leaf Valeo** to view information about the version of the connected Leaf digital camera back.

To close the window:

➢ Tap **OK**.

Close

Close closes the application and takes you back to the home screen of the operating system.

➢ To return to the Leaf DP-67 application, in the **Start** menu, tap **Leaf DP-67**.

Notes:

The **Close** option is always available.

The last image that was captured is displayed when you reactivate the application.

Tip: You can also close the application by tapping the **Close** icon on the system bar. For more information, see *Close Icon* on page 22.

View

The **View** menu includes the following options:

- **1-View**—Default view. For more information, see *1-View* on page 20.
- **4-View**—For more information, see *Multi-views* on page 41.
- **9-View**—For more information, see *Multi-views* on page 41.
- **List**—For more information, see *List View* on page 43.

To move from view to view:

➢ Select another view from the **View** menu.

Notes:

If you are in a multi-view, and you select **1-View**, the red-framed image in the multi-view is displayed in 1-View. You can also double-tap the red-framed image to see it in **1-View**.

If you are in 1-View and you select a multi-view (**4-View** or **9-View**), the image that was displayed in 1-View appears within the red frame in the multi-view.

If you are in List View and you select **1-View**, the image file that is highlighted in the list is displayed in 1-View.

Prev/Next

With the **Prev/Next** buttons you can move back and forth between image files according to the order in which they are sorted in the folder or on a Leaf Digital Magazine disk. The **Prev/Next** buttons appear in all views.

To move between images or image groups:

- Tap the **Prev/Next** buttons.
- Use the 4-way Navigator button (left and right controls) on the Leaf DP-67 (iPAQ) as Prev/Next buttons.

  For more information about scrolling with the Navigator button, see *Reviewing* on page 16.

  In **1-View** and **List** view, **Prev/Next** displays the previous or next image according to the order in which the images are sorted in the folder or Leaf Digital Magazine disk.

  In the multi-views, the red selection frame moves to the first image in the previous/next group of 4 or 9 images.

Sort

The **Sort** function sorts images in the selected view. The **Sort** options are: **Sort by Name**, **Sort By Date**, and **Sort by Mark**.

Show

In the multi-views, you can display images according to the mark assigned to them. The **Show** options are:

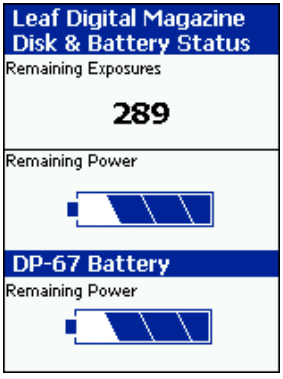
- *all*—Shows all images regardless marks.
- —All images marked as **Good** are displayed in the selected view with the **Good** mark.
- —All images marked as **No Good**, are displayed in the selected View, with the **No Good** mark.

Note: In **1-View**, a selected mark is only indicated by a pressed Mark button.

For more information about marking an image, see *Notes* on page 34.

Disk and Batteries

The Disk and Batteries icon opens the Leaf Digital Magazine Disk & Battery Status window.



Leaf Digital Magazine Disk and Battery Status

- **Remaining Exposures**—The remaining number of exposures that can be stored on the Leaf Digital Magazine. When there are less than a total of 20 exposures in the Leaf Digital Magazine disks, the number of exposures appears in red as a warning. There is a warning beep when the disk is full.
- **Remaining Power—**The remaining power in the Leaf Digital Magazine batteries.

  Each section of the Remaining Power status bar represents approximately 25% of the batteries' capacity, according to the following indications:

  4 sections shaded: Fully charged

  3 sections shaded: 75% charged

  2 sections shaded: 50% charged

  1 section shaded: 25% charged

  When the remaining power reaches a low level (approximately 25%, depending on the camera being used), a warning beep is emitted, the Leaf Digital Magazine Disk and Battery Status window opens, and the one shaded section of the battery icon appears red.

  When the remaining power reaches the lowest possible level at which the system can operate, a warning beep is emitted and the system shuts off.

DP-67 Battery

- **Remaining Power—**The remaining power in the Leaf DP-67 battery. The percentage displayed is the battery power remaining.

  Each section of the Remaining Power status bar represents approximately 25% of the battery's capacity, according to the following indications:

  4 sections shaded: Fully charged

  3 sections shaded: 75% charged

  2 sections shaded: 50% charged

  1 section shaded: 25% charged

Important:

It is recommended that you charge the battery when the low remaining power warning appears. Do not wait until the Leaf DP-67 (iPAQ) turns off due to lack of battery power.

The amount of remaining power shown in the **DP-67 Battery** section only applies to the internal battery of the Leaf DP-67 (iPAQ). When you use an external battery, the **DP-67 Battery** section indicates that there is no power remaining (**0%**). Ignore this indication.

To open the Leaf Digital Magazine Disk and Battery Status window:

➢ On the command and status bar, tap the Disk and Batteries icon.

To close the Leaf Digital Magazine Disk and Battery Status window:

➢ Tap the window.

Shoot Setup

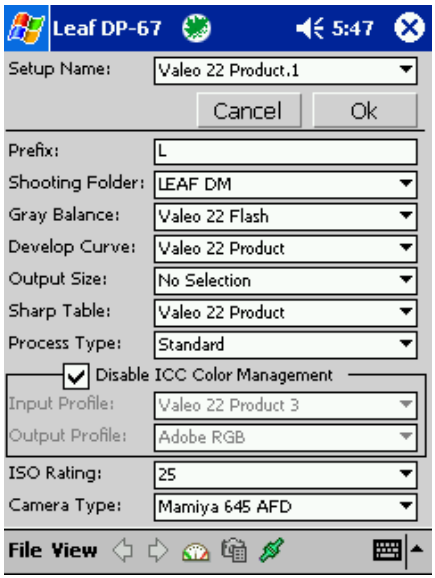
The Shoot Setup window contains all tables and parameters for the next shoot.

For more information about Shoot Setup and tables in the Shoot Setup window, see Chapter 3, *Shoot Setup*, page 74, in the *Leaf Capture V8 User Guide*.

To open the Shoot Setup window:

➢ Tap the **Shoot Setup** icon on the command and status bar.

The Shoot Setup window opens.



Setup Name

The Setup Name is the name of the shoot setup currently displayed in the Shoot Setup window.

You can select a shoot setup in the **Setup Name** list. The shoot setup you select is applied to the next capture.

Note: When you change a table or other component of a shoot setup, the shoot setup name appears in the list with the suffix .1.

OK

➢ Tap **OK** in the Shoot Setup window to apply the shoot setup to the next capture and close the Shoot Setup window.

Note: After you tap **OK** it may take a few seconds for the shoot setup to be updated.

Cancel

➢ Tap **Cancel** to cancel any changes to the shoot setup and close the Shoot Setup window.

Prefix

The file name prefix proceeds the number automatically assigned to a captured image. The automatically assigned number indicates an image's position within the sequence of images captured. The default prefix is L. You can assign a different prefix by tapping a new prefix in the **Prefix** box.

A prefix can be a maximum of 5 characters within the 8 character file name. The number of digits in the file name is determined by the length of the prefix.

If the number of images with the same prefix exceeds the maximum number of digits available after the prefix, a new folder is opened and numbering starts again at 1. For example, if you are using a 5 character prefix, and there are currently 999 images in the folder, the 1000th image with the same prefix is placed in a new folder and named XXXXX001).

If the prefix you use is already assigned to images in the same folder, the number given to the file follows consecutively from the highest file number in the folder.

To add a prefix:

1. Tap inside the **Prefix** box.

   The iPAQ keyboard automatically appears.

2. Tap a new prefix.

Note: If you leave the Prefix box empty, you are not able to shoot. A message appears informing you that you need to use a prefix.

Shooting Folder

In the **Shooting Folder** box, browse to select a folder in which to store captures on the Leaf Digital Magazine or create a new folder.

The last image in the selected folder is displayed in the image display area.

Gray Balance

The **Gray Balance** list includes Gray Balance tables available from the shoot setups on the Leaf Digital Magazine.

Develop Curve

The **Develop Curve** list contains Develop Curves available from the shoot setups on the Leaf Digital Magazine.

Output Size

The **Output Size** list contains the output sizes available in the Leaf Digital Magazine.

Sharp Table

The **Sharp Table** list includes several types of tables. Select the table that most suitable to the type of image you want to capture. For example, a sharp table suitable for portrait photography is **Valeo 22 Portrait**.

For more information about Sharp tables, see *Sharpness*, Chapter 5, Toolboxes, in the *Leaf Capture V8 User Guide*.

Process Type

Standard is displayed in the **Process Type** box.

Color Management and Profiles

Disable ICC Color Management check box—The **Disable ICC Color Management** check box enables you to disable or enable ICC Color Management for input and output profiles.

To disable ICC Color Management:

- Select the **Disable ICC Color Management** check box.

Notes:

The **Input Profile** and **Output Profile** boxes are unavailable if the **Disable ICC Color Management** check box is selected.

To enable Color Management:

- Tap the **Disable ICC Color Management** check box to clear the check box.

  You can now select an input or output profile.

For more information about the disabling ICC profiles, see *Introduction*, Chapter 1 and *Color Tab* in Chapter 3 of the *Leaf Capture V8 User Guide*.

Input Profile—The Input Profile relates to the profile of the camera back you are using. Each Leaf digital camera back has suitable profiles with specific characteristics. Factory Input Profiles are recognizable according to the components of their name, such as NS (normal saturation), LS (low saturation), and W (warm). Select an Input Profile that characterizes your

Leaf digital camera back type, lighting, and preferred color effect. Selecting an Input Profile is similar to selecting a film type in analog photography. All of the Input Profiles listed are profiles produced by Leaf.

To select an Input Profile:

➢ Select an Input Profile from the **Input Profile** list.

The Input Profile appears in the **Input Profile** box.

Output Profile—The Output Profile section relates to the Output Profiles or RGB Working Space of the image. Select an Output Profile according to the requirements of the destination or output application.

To select an Output Profile:

➢ Select an Output Profile from the **Output Profile** list.

The Output Profile appears in the **Output Profile** box.

For more information about Input Profiles and Output Profiles, see the Color Tab section of the *Main Menu* chapter in the *Leaf Capture V8 User Guide*.

ISO Rating

There are several ISO ratings available in the list. The selected ISO rating is used for all subsequent shots.

Camera Type

A list of camera types that are compatible with the digital camera back is automatically displayed.

➢ From the Camera Type list, select the camera type you are using.

Note: To select a table in the Shoot Setup window, tap the arrow to open a list, then tap a table name.

Connect and Disconnect

The green Connect icon indicates that the Leaf digital camera back is properly connected to the Leaf Digital Magazine and that the system is ready for capturing. It also indicates that the Leaf digital camera back and the Leaf DP-67 application are synchronized.

The red Connect icon indicates that information is being transferred to a disk on the Leaf Digital Magazine and that you should not disconnect the Leaf digital camera back from the Leaf Digital Magazine.

Important:

If the Connect icon is red, do not disconnect the FireWire cable from the Leaf digital camera back. If you disconnect while the icon is red, there is a risk that not all images on the Leaf Digital Magazine will be transferred from the Leaf digital camera back to the Leaf Digital Magazine. During a rapid shoot, the connect icon may often appear red.

If you mark many images in rapid succession, the Connect icon turns red until the mark information on the iPAQ and on the Leaf Digital Magazine is the same.

The Disconnect icon indicates that the Leaf digital camera back is disconnected from the Leaf Digital Magazine.

If you are using Bluetooth communication, the Disconnect icon indicates that the device (the Leaf Valeo digital camera back) is out of range of the Leaf DP-67 iPAQ.

Notes:

When the Leaf DP-67 (iPAQ) is not connected, the image files are named `.jpeg`.

When the Leaf DP-67 (iPAQ) is connected and the system is ready for use, the image files are named `.mos`.

7

Additional Status Indicators

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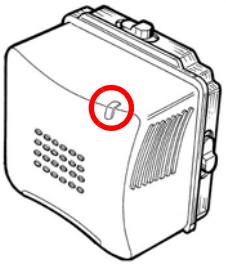
Beeps

Beeps serve as status indicators.

Beep Description	Indication
1 short, ascending beep	Leaf Portable system is ready for the next shot.
sequence of short beeps	The Leaf Digital Magazine has 25% battery power or less remaining.
1 long beep	Warning. **Possible reasons**: • Error in back • Arrange for Portable was not set up correctly to suit the camera you are using • Full Leaf Digital Magazine • Insufficient battery power

Indicator Lights

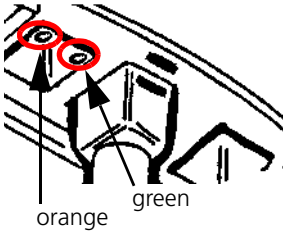
Exterior Indicator Light



When the Leaf Valeo digital camera back is connected to the Leaf Digital Magazine and turned on, the Leaf digital camera back's exterior indicator light illuminates to indicate the following information:

Indicator Light (LEDs) Description		Indication
orange	steady	Not ready. **Possible reasons:** • Error in back • Busy ❒ insufficient battery power ❒ full Leaf Digital Magazine
	flashing	Not ready. Temporarily busy. **Possible reasons:** • Internal memory is full • Calibrating back • Processing long exposure
green	steady	Ready to shoot.
	flashing	Ready to shoot but busy. **Possible reasons:** • Image being transferred to host computer • Processing image **Important:** Do not turn off the Leaf Digital Magazine or disconnect the FireWire cables when the indicator light is flashing green or you may lose some of the images that you captured.

Auxiliary Port Indicator Lights



The indicator lights inside the auxiliary port of a Leaf Valeo Wi digital camera back indicate the following information:

Indicator Light (LEDs) Description		Indication
orange	flashing	Bluetooth communication not ready. In standby mode. **Reason:** Bluetooth communication is on but connection is not yet established with Leaf DP-67 (iPAQ).
green	flashing	Bluetooth communication ready. Bluetooth communication is established between the Leaf digital camera back and the Leaf DP-67 (iPAQ). The two devices are bonded.

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