Digital Camera Setup  
(Fuji FinePix S3100)

- Most manuals make little sense till you have the camera in front of you and ready to go. Here is a short cut guide with the key manual pages included. Don't spend too long trying to figure out any given instruction. Start pushing buttons on the camera as soon as you have a rough idea what the instructions are trying to say. If you spend too long reading the manual without trying things out on the camera, you will go insane.

- Batteries are installed. You are responsible for replacing these if needed. Figure on a new set every few hours of operation. Alternatively, Ni-MH rechargeable batteries can be used if you have them. DO NOT use NiCd or regular, cheap, non alkaline batteries. If you remove the batteries from the camera for some time, it will probably forget your settings.

- The XD memory card is installed. This will allow you about 8 to 20 pictures before having to download to your computer (hereafter referred to as PC). The number of remaining frames is displayed at the top right.

- Familiarize yourself with the camera controls. See the Quick Start Guide or p8-9 of the manual.

- Leave the mode dial in AUTO mode.

- Turn the camera On by switching from Off to the little camera Icon.

- After a few minutes the camera automatically turns off. To get it back on, you have to turn the switch off then on.

- I recommend setting the date into the camera. It is not required. See p13.

- After the date is set, when ever you turn the camera on you can, if needed, press 'menu' once to get to the basic functions. e.g. Picture Quality and Self Timer.

- Picture Quality (aka Resolution). I recommend the 4 megapixel N setting. Be sure this is set. This gives 4 MP resolution with normal JPEG compression. You can verify this is the setting anytime by just checking the top line of the camera display, which should include <4M N>. In this mode you can take about 16 pictures before downloading to your PC. See page 38 for more. The lowest resolution setting is not adequate.

- Take a few pictures of your naval.

- To look at the shots, switch the camera to play back mode. This is the little, green, right arrow Icon next to the Off position.

- Learn how to zoom in on your picture to check the focus:
  - Press the Zoom Up or Zoom Down button to resize. Press the left or right buttons to start panning around the picture. Once the panning process is started, you can use the up and down buttons too. Press the Disp/Back button to go back to zoom mode. With these two functions, <Zoom Larger or Smaller> and <Pan>, you can examine any area of your picture in detail.

- After shooting a few practice pictures, learn how to erase frames, p28.

- At the Telescope:
  - Center the moon in the low power eyepiece and focus with your eye for a sharp image (smaller is sharper!)
  - Re-center the moon.
  - Hold the camera up to the eyepiece; zoom in till the moon nicely fills the LCD.
• Press the shutter halfway. Point the camera so that the focus box in the center of the display is on the edge of the moon where craters are visible. Focus lock is indicated by two beeps, the box shrinking to a smaller size. Readjust the framing if necessary, and finish the shutter press.

• Examine the image using maximum magnification. It should look reasonably sharp.
  • If not, try a few more shots.
  • If still not sharp, try shifting the telescope focus slightly by turning the focus knob on the telescope.
  • If still un-sharp and you are nearsighted, try putting the camera in Macro mode. This has to be reset after every picture.
  • If still un-sharp, make sure the moon is not in the clouds.
  • Still un-sharp; bring me your results and let’s talk.
**TURNING ON AND OFF / SETTING THE DATE AND TIME**

1. To turn the camera on, set the Power switch to "\(\)" or "\(\)". When turning the camera on, the indicator lamp lights green.
2. To turn the camera off, set the Power switch to "OFF".
3. When first using the camera, the date and time are cleared. Press the "MENU/OK" button to set the date and time.
4. If the message (see figure at left) does not appear, refer to "Correcting the date and time" (p.14) and check and correct the date and time settings.
5. If the message also appears when the batteries have been removed, set the camera has been left for a long period.
6. To set the date and time later, press the "DISP/BACK" button.
7. If you do not set the date and time, this message will appear each time you turn the camera on.

**CORRECTING THE DATE AND TIME / CHANGING THE DATE ORDER**

1. Press the "MENU/OK" button to display the menu on the screen.
2. Press "\(" or "\)" to select "DATE" OPTION and then press "A" or "V" to select "SET-UP".
3. Press the "MENU/OK" button.
4. Press "\(" or "\)" to move to option 2 and then press "A" or "V" to select "DATE/TIME".
5. Press "\)."

**Correcting the date and time**

1. Press "\(" or "\)" to select Year, Month, Day, Hour or Minute.
2. Press "A" or "V" to correct the setting.
3. Always press the "MENU/OK" button after the settings are completed.

**Changing the date order**

1. Press "\(" or "\)" to select the date order.
2. Press "A" or "V" to set the order. Refer to the table below for details of the settings.
3. Always press the "MENU/OK" button after the settings are completed.

<table>
<thead>
<tr>
<th>Date order</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>YYYY.MM.DD</td>
<td>Displays the date in the &quot;year.month.day&quot; format.</td>
</tr>
<tr>
<td>MM/DD/YYYY</td>
<td>Displays the date in the &quot;month/day/year&quot; format.</td>
</tr>
<tr>
<td>DD.MM.YYYY</td>
<td>Displays the date in the &quot;day.month.year&quot; format.</td>
</tr>
</tbody>
</table>

*At the time of purchase and after leaving the camera for a long period with the batteries removed, settings such as the date and time are cleared. Once the AC power adapter has been connected or the batteries have been installed for 2 hours or more, the camera settings will be retained for roughly 6 hours even if both sources of power are removed.*
1. Set the Power switch to “ON”.

2. ① Press the “MENU/OK” button during playback to display the menu on the screen.  
② Press “<” or “>” to select “ERASE.”

(Erased frames/files) cannot be recovered. Back-up important frames/files onto your PC or another media.

3. ① Press “A” or “V” to select “FRAME”.  
② Press the “MENU/OK” button to confirm the selection.  
See P.43 for information on “ALL FRAMES”.

③ To return to single-frame playback, press “A” or “V” to select “BACK” and then press the “MENU/OK” button.

4. ① Press “<” or “>” to select the frame (file) to be erased.  
② Press the “MENU/OK” button to erase the displayed frame (file).  
To erase another image, repeat steps ① and ②.  
Press the “DISP/BACK” button to cancel single frame erasing.

③ Press the “MENU/OK” button repeatedly to erase consecutive image. Take care not to erase important images.
**QUALITY SETTINGS IN PHOTOGRAPHY MODE**

Choose from 5 settings. Using the table below as a guide, select the setting that best suits the aims.

- The numbers to the right of each setting show the number of available frames.
- When changing the quality setting, the number of available frames also changes (P.23).

<table>
<thead>
<tr>
<th>Quality mode</th>
<th>Sample Uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>F (2072 x 1704)</td>
<td>Printing up to 6R (15.2 x 20.3 cm) / A5 size</td>
</tr>
<tr>
<td>N (2272 x 1704)</td>
<td>For better quality, select &quot;F&quot;.</td>
</tr>
<tr>
<td>(1600 x 1200)</td>
<td>Printing up to 4R (10.2 x 15.2 cm) / A6 size</td>
</tr>
<tr>
<td>(1280 x 960)</td>
<td>Printing up to 3R (8.9 x 12.7 cm) / 62 size</td>
</tr>
<tr>
<td>(640 x 480)</td>
<td>To use for e-mail or web site</td>
</tr>
</tbody>
</table>

**SELF-TIMER PHOTOGRAPHY**

The self-timer is used in situations where the photographer is included in the shot. When setting the self-timer to "ON", "0" appears on the screen. In this mode, a timer runs for roughly 10 seconds before the shutter is released.

- Any of the following cancels the self-timer setting:
  - Completing the shooting
  - Changing the Mode dial setting
  - Turning the camera off

1. Position the AF frame over the subject.
2. Press the shutter button down halfway to focus on the subject.
3. Without releasing the shutter button, press the button all the way down (fully pressed) to start the self-timer.
4. The AF/AE lock can be used (P.24).
5. Take care not to stand in front of the lens when pressing the shutter button as this can prevent the correct focus or brightness (exposure) being got.

The self-timer lamp lights steadily for roughly 5 seconds and then blinks for another 5 seconds, after which the picture is taken.

4. To stop the self-timer, once it has started running, press the "DISP/BACK" button.

A countdown appears on the screen indicating the time remaining until the picture is taken. Self-timer mode is cancelled after each shot.