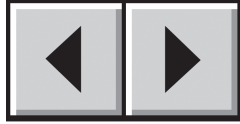
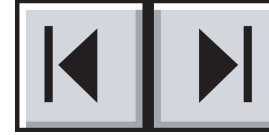


## How To Use This Manual

In the toolbar:



Previous Page / Next Page



Go to Contents Page / Go to Precautions Page

### Printing:

While optimized for onscreen viewing, the pages of this manual are formatted for printing on 8 1/2" x 11" and A4 sized paper, giving you the option to print the entire manual or just a specific page or section.

### To Exit:

From the Menu bar at the top of your screen, select: File > Quit.

## Icons Used In This Manual

These icons describe the type of information being given:



**Important Info:** This icon refers to an important step that must be followed.



**Tech Note:** This icon refers to tips to help maximize performance.



**Caution!** This icon indicates a potential hazard, and gives tips on how to avoid them.

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## Copyrights

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## Changes

The material in this document is for information only and subject to change without notice. While reasonable efforts have been made in the preparation of this document to assure its accuracy, LaCie assumes no liability resulting from errors or omissions in this document, or from the use of the information contained herein. LaCie reserves the right to make changes or revisions in the product design or the product manual without reservation and without obligation to notify any person of such revisions and changes.

## FCC Statement:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Use only shielded cables to connect I/O devices to this equipment.

LaCie 319 LCD Monitor



Tested To Comply  
With FCC standards

FOR HOME OR OFFICE USE



**Caution!** Modifications not authorized by the manufacturer may void the user's authority to operate this device.



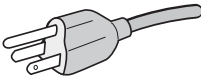
**Caution!** A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used.

Canada Compliance Statement

**DOC:** This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.  
**C-UL:** Bears the C-UL Mark and is in compliance with Canadian Safety Regulations according to CAN/CSA C22.2 No. 60950-1.

FCC Information

1. Use the attached specified cables with the LaCie 319 color monitor so as not to interfere with radio and television reception.
- (1) The power supply cord you use must have been approved by and comply with the safety standards of U.S.A. and meet the following condition.

Power supply cord Length Plug shape	Non shield type, 3-conductor 2.0 m  U.S.A
---	---

- (2) Please use the supplied shielded video signal cable, 15-pin mini D-SUB to DVI-A cable or DVI-D to DVI-D cable. Use of other cables and adapters may cause interference with radio and television reception.
2. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult your dealer or an experienced radio/TV technician for help.

If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet, prepared by the Federal Communications Commission, helpful: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Manufacturer's Declaration for CE Certification

We, LaCie, solemnly declare that this product conforms to the following European standards:  
Class B EN60950, EN55022, EN50082-1, EN61000-3-2  
With reference to the following conditions:  
73/23/EEC Low Voltage Directive  
89/336/EEC EMC Directive

## **Recommended use** **Safety Precautions and Maintenance**



FOR OPTIMUM PERFORMANCE, PLEASE NOTE  
THE FOLLOWING WHEN SETTING UP AND USING  
THE LaCie 319 LCD COLOR MONITOR:




- DO NOT OPEN THE MONITOR. There are no user serviceable parts inside and opening or removing covers may expose you to dangerous shock hazards or other risks. Refer all servicing to qualified service personnel.
- Do not spill any liquids into the cabinet or use your monitor near water.
- Do not insert objects of any kind into the cabinet slots, as they may touch dangerous voltage points, which can be harmful or fatal or may cause electric shock, fire or equipment failure.
- Do not place any heavy objects on the power cord. Damage to the cord may cause shock or fire.
- Do not place this product on a sloping or unstable surface, as the monitor may fall, causing serious damage.
- Do not place any objects onto the monitor and do not use the monitor outdoors.
- The inside of the fluorescent tube located within the LCD monitor contains mercury. Please follow the bylaws or rules of your municipality to dispose of the tube properly.
- Do not bend power cord.
- Do not use monitor in high temperatured, humid, dusty, or oily areas.
- Do not cover vent on monitor.


Immediately unplug your monitor from the outlet and refer servicing to qualified personnel under the following conditions:

- When the power supply cord or plug is damaged.
- If liquid has been spilled, or objects have fallen into the monitor.
- If the monitor has been exposed to rain or water.
- If the monitor has been dropped or the cabinet damaged.
- If the monitor does not operate normally by following operating instructions.
- If glass is broken, handle with care.
- If monitor or glass is broken, do not come in contact with the liquid crystal and handle with care.
- Allow adequate ventilation around the monitor so that heat can properly dissipate. Do not block ventilated openings or place the monitor near a radiator or other heat sources. Do not put anything on top of monitor.
- The power cable connector is the primary means of detaching the system from the power supply. The monitor should be installed close to a power outlet which is easily accessible.
- Handle with care when transporting. Save packaging for transporting.
- Image Persistence: Please be aware that LCD Technology may experience a phenomenon known as Image Persistence.

Image Persistence occurs when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided. To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour, the monitor should be turned off for one hour to erase the image.




**WARNING**




TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. ALSO, DO NOT USE THIS UNIT'S POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLETS UNLESS THE PRONGS CAN BE FULLY INSERTED.


REFRAIN FROM OPENING THE CABINET AS THERE ARE HIGH VOLTAGE COMPONENTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.




**CAUTION**



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, MAKE SURE POWER CORD IS UNPLUGGED FROM WALL SOCKET. TO FULLY DISENGAGE THE POWER TO THE UNIT, PLEASE DISCONNECT THE POWER CORD FROM THE AC OUTLET. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.



This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included. Therefore, it should be read carefully in order to avoid any problems.

Caution:

When operating the LaCie 319 LCD Monitor with a 220-240V AC power source in Europe, use the power cord provided with the monitor.

In the UK, a BS approved power cord with a moulded plug has a Black (five Amps) fuse installed for use with this equipment.

If a power cord is not supplied with this equipment please contact your supplier.

When operating the LaCie 319 LCD Monitor with a 220-240V AC power source in Australia, use the power cord provided with the monitor. If a power cord is not supplied with this equipment please contact your supplier.

For all other cases, use a power cord that matches the AC voltage of the power outlet and has been approved by and complies with the safety standard of your particular country.

Declaration


**Declaration of the Manufacturer**

We hereby certify that the color monitor LaCie 319 is in compliance with

Council Directive 73/23/EEC:  
– EN 60950-1

Council Directive 89/336/EEC:  
– EN 55022  
– EN 61000-3-2  
– EN 61000-3-3  
– EN 55024

and marked with



LaCie Group  
17, rue Ampère  
91349 Massy Cedex  
France





CORRECT PLACEMENT AND ADJUSTMENT OF THE MONITOR CAN  
REDUCE EYE, SHOULDER AND NECK FATIGUE. CHECK THE  
FOLLOWING WHEN YOU POSITION THE MONITOR:



- For optimum performance, allow 20 minutes for warm-up.
- Adjust the monitor height so that the top of the screen is at or slightly below eye level. Your eyes should look slightly downward when viewing the middle of the screen.
- Position your monitor no closer than 40 cm and no further away than 70 cm from your eyes. The optimal distance is 50 cm.
- Rest your eyes periodically by focusing on an object at least 20 feet away. Blink often.
- Position the monitor at a 90° angle to windows and other light sources to minimize glare and reflections. Adjust the monitor tilt so that ceiling lights do not reflect on your screen.
- If reflected light makes it hard for you to see your screen, use an anti-glare filter.
- Clean the LCD monitor surface with a lint-free, non-abrasive cloth. Avoid using any cleaning solution or glass cleaner!
- Adjust the monitor's brightness and contrast controls to enhance readability.
- Use a document holder placed close to the screen.
- Position whatever you are looking at most of the time (the screen or reference material) directly in front of you to minimize turning your head while you are typing.
- Avoid displaying fixed patterns on the monitor for long periods of time to avoid image persistence (after-image effects).
- Get regular eye checkups.



### Ergonomics

To realize the maximum ergonomics benefits, we recommend the following:

- Adjust the Brightness until the background raster disappears.
- Do not position the Contrast control to its maximum setting.
- Use the preset Size and Position controls with standard signals.
- Use the preset Color Setting.
- Use non-interlaced signals with a vertical refresh rate between 60-75 Hz.
- Do not use primary color blue on a dark background, as it is difficult to see and may produce eye fatigue to insufficient contrast.

Congratulations! You have just purchased a TCO'99 approved and labeled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and to the further development of environmentally adapted electronics products.



### **Why do we have environmentally labeled computers?**

In many countries, environmental labeling has become an established method for encouraging the adaptation of goods and services to the environment. The main problem, as far as computers and other electronics equipment are concerned, is that environmentally harmful substances are used both in the products and during the manufacturing. Since it has not been possible for the majority of electronics equipment to be recycled in a satisfactory way, most of these potentially damaging substances sooner or later enter Nature. There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (internal) and natural (external) environments. Since all methods of conventional electricity generation have a negative effect on the environment (acidic and climate-influencing emissions, radioactive waste, etc.), it is vital to conserve energy. Electronics equipment in offices consume an enormous amount of energy since they are often left running continuously.

### **What does labeling involve?**

This product meets the requirements for international and environmental labeling of personal computers. The requirements cover a wide range of issues, including: environment, ergonomics, usability, emission of electrical and magnetic fields, energy consumption and electrical and fire safety. The environmental demands concern restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, CFCs (freons) and chlorinated solvents, among other things. The product must be prepared for recycling and the manufacturer is obliged to have an environmental plan which must be adhered to in each country where the company implements its operational policy. The energy requirements include a demand that the computer and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the computer shall be reasonable for the user. Labeled products must meet strict environmental demands, for example, in respect of the reduction of electric and magnetic fields, physical and visual ergonomics and good usability.

### **Environmental Requirements**

#### **Flame retardants**

Flame retardants are present in printed circuit boards, cables, wires, casings and housings. In turn, they delay the spread of fire. Up to thirty percent of the plastic in a computer casing can consist of flame retardant substances. Most flame retardants contain bromine or chloride and these are related to another group of environmental toxins, PCBs, which are suspected to give rise to severe health effects, including reproductive damage in fish-eating birds and mammals, due to the bioaccumulative\* processes. Flame retardants have been found in human blood and researchers fear that disturbances in fetus development may occur. Plastic components weighing more than 25 grams must not contain flame retardants with organically bound chlorine and bromine. Flame retardants are allowed in the printed circuit boards since no substitutes are available.



**Lead\*\***

Lead can be found in picture tubes, display screens, solders and capacitors. Lead damages the nervous system and in higher doses, causes lead poisoning. Requirements permit the inclusion of lead since no replacement has yet been developed.

**Cadmium\*\***

Cadmium is present in rechargeable batteries and in the color-generating layers of certain computer displays. Cadmium damages the nervous system and is toxic in high doses. Requirements state that batteries, the color-generating layers of display screens and the electrical or electronics components must not contain any cadmium.

**Mercury\*\***

Mercury is sometimes found in batteries, relays and switches, Mercury damages the nervous system and is toxic in high doses. Requirements state that batteries may not contain any Mercury. It also demands that no mercury is present in any of the electrical or electronics components associated with the display unit.

**CFCs (freons)**

CFCs (freons) are sometimes used for washing printed circuit boards. CFCs break down ozone and thereby damage the ozone layer in the stratosphere, causing increased reception on Earth of ultraviolet light with consequent increased risks of skin cancer (malignant melanoma). The relevant requirement; Neither CFCs nor HCFCs may be used during the manufacturing and assembly of the product or its packaging.

\*Bio-accumulative is defined as substances which accumulate within living organisms.

\*\*Lead, Cadmium and Mercury are heavy metals which are bio-accumulative.

# Specifications

## LaCie 319

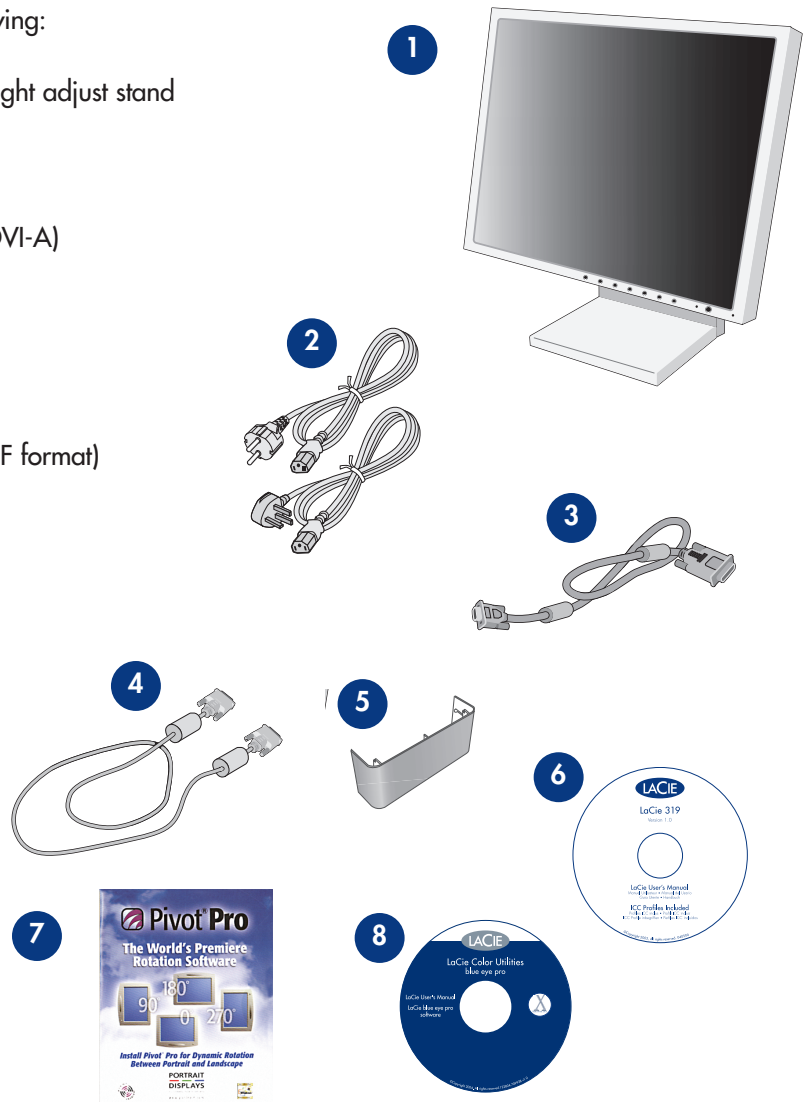
<b>Technology</b>	S-IPS
<b>Diagonal</b>	19" 48.2cm
<b>Resolution</b>	1280x1024
<b>Dot pitch</b>	0.29
<b>Gamut</b>	100% EBU
<b>72% NTSC</b>	
<b>Gamma Correction</b>	10-bit
<b>Luminance</b>	270 cd/m2
<b>Contrast Ratio</b>	600:1
<b>Response Time</b>	18 ms
<b>Viewing Angles</b>	178°
<b>Connections</b>	VGA + DVI-D + DVI-I
<b>Power Consumption</b>	48 W
<b>In Power Save Mode</b>	<2W
<b>Weight</b>	9.7 kg
<b>Weight without stand</b>	6.3 kg
<b>Ergonomy</b>	Pivot 90°*, Tilt, Swivel, Height-adjustable, Compatible with VESA 100 support solutions
<b>Certifications</b>	CE, FCC-B, TÜV-Ergonomie, TÜV-GS, TCO99, EnergyStar, C-Tick, GOST-R, c-UL, UL, VCCI-B, VESA DDC 2B, DDC-CI
<b>Warranty</b>	US : 3-year limited Europe : 3-year advance swap

\* On Macintosh portrait mode requires high end graphic board such as ATI Radeon x800

## 1. Package Contents

Your LaCie 319 LCD monitor should ship with the following:

- 1 LaCie 319 LCD Monitor with tilt/swivel/pivot/height adjust stand
- 2 Power cords
- 3 Video signal cable (15-pin mini D-SUB male to DVI-A)
- 4 Video signal cable (DVI-D to DVI-D cable)
- 5 Cable cover
- 6 CD ROM (includes complete User's Manual in PDF format)
- 7 Pivot Software CD
- 8 blue eye pro calibration Software CD



**Important Info:** Please keep your box. In the event that the LaCie 319 LCD Monitor should need to be repaired or serviced, it must be returned in its original packaging.

## 2. Quick Start

To attach the LaCie LCD Monitor to your system, follow these instructions:

1. Turn off the power to your computer.
2. **For the PC or MAC with DVI digital output:** Connect the DVI signal cable to the connector of the display card in your system (Figure A.1). Tighten all screws.

**For the PC with Analog output:** Connect the 15-pin mini D-SUB to DVI-A signal cable to the connector of the display card in your system (Figure A.2).

**For the MAC:** Connect the Macintosh cable adapter to the computer, then attach the 15-pin mini D-SUB signal cable to the Macintosh cable adapter (Figure B.1).

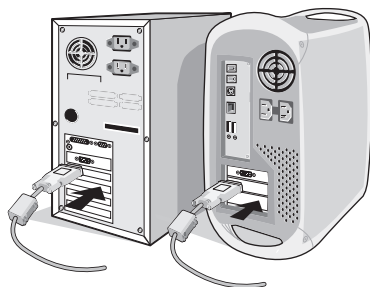


Figure A.1



Figure A.2

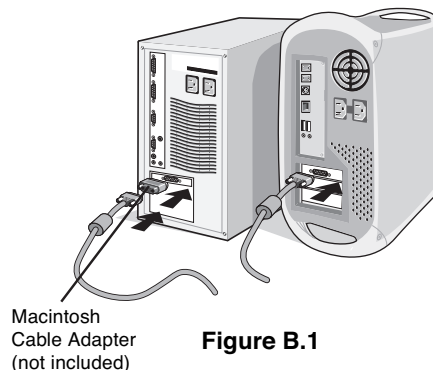


Figure B.1

**NOTE:** Some Macintosh systems do not require a Macintosh cable adapter.

3. Connect the DVI signal cable to the connector on the back of the monitor. Place the video signal cable (Figure C.1). Connect only either VGA or DVI to input 2.

**NOTE:** Incorrect cable connections may result in irregular operation, damage display quality/components of LCD module and/or shorten the module's life.

Collect cables and keep them in the stand with attached cable cover. The cable cover can be attached on the front or back side of Tilt Stand (Figure C.1, C.2).

Please check Tilt, Rise and Lower monitor screen and screen rotation when you manage cables.

4. Connect one end of the power cord to the AC inlet on the back of the monitor and the other end to the power outlet (Figure C.1).

**NOTE:** Please refer to Caution section of this manual for proper selection of AC power cord.

5. The Vacation Switch on the left side of the monitor must be turned on. Turn on the monitor with the front power button (Figure D.1).

**NOTE:** The Vacation Switch is a true on/off switch. If this switch is on the OFF position, the monitor cannot be turned on

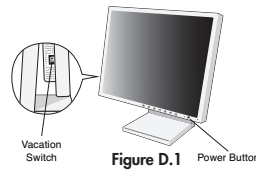
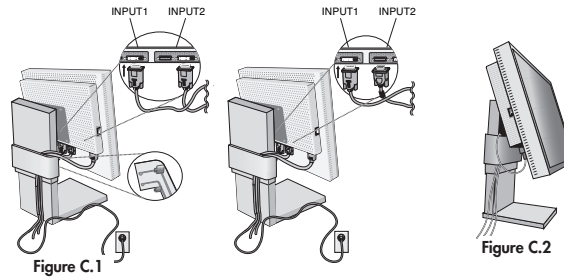
using the front button. DO NOT switch on/off repeatedly.

**NOTE:** For the MAC with digital output: Before turning on the MAC, the DVI Input mode must be set to DIGITAL in "DVI SELECTION" of OSM by pressing "SELECT" button then "CONTROL" button when the DVI signal cable is connected to the DVI-I connector (Input1) of the monitor. Otherwise the MAC may not turn on.

6. Turn on the computer. No-touch Auto Adjust automatically adjusts the monitor to optimal settings upon initial setup for most timings. For further adjustments, use the following OSM controls:
  - Auto Contrast (Analog input only)
  - Auto Adjust (Analog input only)

Refer to the Controls section of this User's Manual for a full description of these OSM controls.

**NOTE:** If you have any problems, please refer to the **Troubleshooting** section of this User's Manual.



## Raise and Lower Monitor Screen

The monitor may be raised or lowered in either Portrait or Landscape mode.

To raise or lower screen, place hands on each side of the monitor and gently lift or lower to the desired height (Figure RL.1).

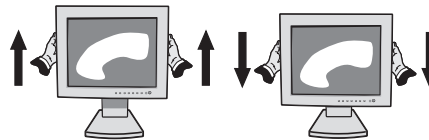


Figure RL.1

## Screen Rotation

Before rotating, the screen must be raised to the highest level to avoid knocking the screen on the desk or pinching your fingers.

To raise the screen, place hands on each side of the monitor and lift up to the highest position (Figure RL.1).

To rotate screen, place hands on each side of the monitor screen and turn clockwise from Landscape to Portrait or counterclockwise from Portrait to Landscape (Figure R.1).

To rotate OSM menu between landscape and portrait, refer to "Controls" section, "OSM ROTATION" function. (Figure R.1)

**NOTE:** If the screen is rotated counterclockwise, the tilt function is not available. Rotate the screen 90° clockwise until you hear one click.

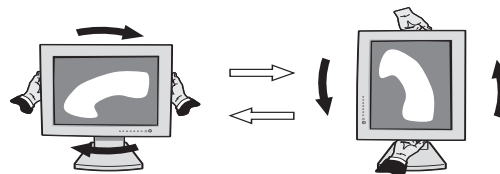


Figure R.1

## Tilt

Grasp top and bottom sides of the monitor screen with your hands and adjust the tilt as desired (Figure TS.1).



Figure TS.1

**NOTE:** Handle with care when tilting the monitor screen.

**NOTE:** If the tilt function is not available, rotate the screen 90° clockwise until you hear one click.

## Swivel

Grasp both sides of the monitor screen with your hands and adjust the swivel as desired (Figure TS.2).



Figure TS.2

## Remove Monitor Stand for Mounting

To prepare the monitor for alternate mounting purposes:

1. Disconnect all cables.
2. Place hands on each side of the monitor and lift up to the highest position.
3. Place monitor face down on a non-abrasive surface. (Place the screen on a 36 mm platform so that the stand is parallel with the surface) (Figure S.1).

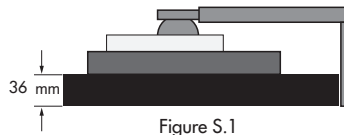


Figure S.1

4. Remove the two top screws connecting the monitor to the stand (Figure S.2). Turn the stand to 180° counterclockwise (you will hear two clicks). Remove the screws from the bottom (Figure S.3) and lift off the stand. The monitor is now ready for mounting in an alternate manner.
5. Reverse this process to reattach stand: tighten the two bottom screws, turn stand 180° counter clockwise (you will hear two clicks), and tighten two top screws.

**NOTE:** Use only VESA-compatible alternative mounting method (100 mm pitch).

**NOTE:** Handle with care when removing monitor stand.

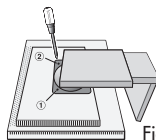


Figure S.2

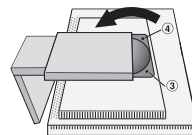


Figure S.3

**NOTE:** When the LCD is in Landscape mode, be sure the two round indents are at the bottom of the screen (Figure S.4).

**Caution:** Use the original screws (4 pcs) when mounting to avoid damage to the monitor and stand. To fulfil the safety requirements the monitor must be mounted to an arm which guarantees the necessary stability under consideration of the weight of the monitor. The LCD monitor should only be used with an approved arm (e.g. GS mark).

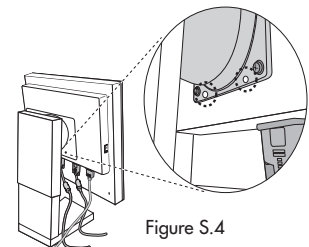


Figure S.4

## 3.1. Controls

**IMPORTANT:** If you perform color-critical work, please bear in mind that manually altering the settings of your display could significantly disturb the accuracy of the colors you display and undermine the benefits of your color-managed environment. LaCie recommends that you not manually modify any Brightness/Contrast controls or the behavior of the Color Control System.

### OSM (On-Screen Manager) control buttons on the front of the monitor function as follows:

To access OSM menu, press any of the control buttons (EXIT, <, >, -, +).

To change signal input, press the SELECT button.





**NOTE:** OSM must be closed in order to change signal input.

	Menu
<b>EXIT</b>	Exits the OEM controls. Exits to the OSM main menu.
<b>CONTROL &lt;/&gt;</b>	Moves the highlighted area left/right to select control menus. Moves the highlighted area up/down to select one of the controls.
<b>ADJUST -/+</b>	Moves the bar left/right or changes the adjustment value to increase or decrease the adjustment.
<b>SELECT</b>	Activates the selected function. Enter the OSM controls. Enter the OSM sub-menu. Select input while OSM disappeared.
<b>RESET</b>	Resets the highlighted control menu to the factory setting.

**NOTE:** When RESET is pressed in the main and sub-menu, a warning window will appear allowing you to cancel the RESET function by pressing the EXIT button.

### **Brightness/Contrast Controls**

These options provide manual access to certain settings that influence the behavior of your display. If you are performing color-critical work, LaCie recommends that you not manually modify the settings of these functions, as your LaCie blue eye pro calibration software sets them automatically in accordance to your desired color settings. Modifying any of these settings manually will significantly disturb the accuracy of the colors you display and undermine the benefits of your color-managed environment.

-  **BRIGHTNESS** Adjusts the overall image and background screen brightness. Please do not modify manually if you are performing color-critical work.
-  **CONTRAST** Adjusts the image brightness in relation to the background. Please do not modify manually if you are performing color-critical work.
-  **BLACK LEVEL (Analog input only)** Adjust the black level. Please do not modify manually if you are performing color-critical work.
-  **AUTO CONTRAST (Analog input only)** Adjusts the image displayed for non-standard video inputs. Please keep this function OFF at all times if you are performing color-critical work.



## AUTO BRIGHTNESS

Please keep this function OFF at all times if you are performing color-critical work.

1: Adjusts the brightness automatically, by detecting the brightness level of your environment and adjusting the monitor with the best BRIGHTNESS setting\*1.

2: Adjusts the brightness automatically for the best BRIGHTNESS setting based on the white display area.

The environmental brightness sensor has no function.

**OFF:** No function. LaCie recommends this position for calibrated monitor use.

**NOTE:** Do not cover environmental brightness sensor.

## AUTO **Auto Adjust (Analog input only)**

Automatically adjusts the Image Position and H. Size (or V. Size) settings and Fine settings.

## Image Controls

 LEFT / RIGHT Controls Horizontal Image Position within the display area of the LCD.

 DOWN / UP Controls Vertical Image Position within the display area of the LCD.

## H. SIZE (OSM ROTATION: Landscape) or V. SIZE (OSM ROTATION: Portrait) (Analog input only)

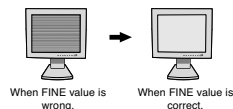
Adjusts the horizontal (or vertical) size by increasing or decreasing this setting. If the "Auto Adjust function" does not give you a satisfactory picture setting, a further tuning can be performed manually using the "H. Size (or V. Size)" function (dot clock). A Moiré test pattern could be used. This function may alter the width of the picture. Use Left/Right Menu to center the image on the screen. If the H. Size (or V. Size) is wrongly calibrated, the result would look like the drawing on the left.



## FINE (Analog input only)

Improves focus, clarity and image stability by increasing or decreasing this setting. If the "Auto Adjust function" and the "H.Size" function do not give you a satisfactory picture setting, a fine tuning can be performed using the "Fine" function. It improves focus, clarity and image stability by increasing or decreasing this setting.

A Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like the drawing on the left.





## Color Control Systems

These options provide manual access to certain settings that influence the colorimetric behavior of your display. If you are performing color-critical work, LaCie recommends that you not manually modify the settings of these functions, as your LaCie blue eye pro calibration software takes care of this precisely and automatically in accordance to your desired color settings. Modifying any of these settings manually would significantly disturb the accuracy of the colors you display and undermine the benefits of your color-managed environment.

**Color Control Systems:** Seven color presets select the desired color setting (sRGB, NATIVE and PROGRAMMABLE color presets are standard and cannot be changed). Color temperature increases or decreases, in each preset. Please do not modify manually if you are performing color-critical work.

**R,Y,G,C,B,M,S:** Increases or decreases Red, Yellow, Green, Cyan, Blue, Magenta and Saturation depending upon which is selected. The change in color will appear on screen and the direction (increase or decrease) will be shown by the color bars. Please do not modify manually if you are performing color-critical work.

**NATIVE:** Original color presented by the LCD panel that is unadjustable.

**PROGRAMMABLE:** This mode is automatically activated by the LaCie blue eye pro calibration software to perform hardware calibration of the display.

**NOTE:** To reset a poor image setting, turn on the monitor by using front power button while holding "EXIT" and "SELECT" buttons at the same time.



## Tools 1



**SHARPNESS:** This function is digitally capable to keep crisp image at any timings. It is continuously adjustable to get distinct image or soft one as you prefer, and set independently by different timings.



**EXPANSION MODE:** Sets the zoom method.

**FULL:** The image is expanded to 1280 x 1024, regardless of the resolution.

**ASPECT:** The image is expanded without changing the aspect ratio.

**OFF:** The image is not expanded.

**CUSTOM1:** Zoom with center fixed. The image is expanded from the rate of 1.00 to 3.00 times individually for horizontal (H. EXPANSION) and vertical (V. EXPANSION) direction by 0.01 step.

**CUSTOM2:** Zoom with top left corner fixed. The image is expanded from the rate of 1.00 to 3.00 times individually for horizontal (H. EXPANSION) and vertical (V. EXPANSION) direction by 0.01 step.



**VIDEO DETECT:** Selects the method of video detection when more than one computer is connected.

**FIRST DETECT:** The video input has to be switched to "FIRST DETECT" mode. When current video input signal is not present, the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, the monitor switches the video source input port to the new found video source automatically. The monitor will not look for other video signals while the current video source is present.

**LAST DETECT:** The video input has to be switched to the "LAST DETECT" mode. When the monitor is displaying a signal from the current source and a secondary source is supplied, the monitor will automatically switch to the new source. When current video signal is not present, the monitor searches for a signal from the other video input port. If the video signal is present in the other port, the monitor switches the video port to the new source automatically.

**NONE:** The monitor will not search the other video input port unless the monitor is turned on.



**DVI SELECTION:** This function selects the DVI input mode (Input 1). When the DVI selection has been changed, the computer has to be restarted.

**AUTO:** By using the DVI-D to DVI-D cable, the DVI SELECTION is DIGITAL. By using the D-SUB to DVI-A cable, the DVI SELECTION is ANALOG.

**DIGITAL:** DVI digital input is available.

**ANALOG:** DVI analog input is available.

**Note:** For the MAC with digital output: Before turning on the MAC, the DVI Input mode must be set to DIGITAL in "DVI SELECTION" of OSM by pressing "SELECT" button then "CONTROL" button when the DVI signal cable is connected to the DVI-I connector (Input1) of the monitor. Otherwise the MAC may not turn on.

**Note:** Depending on the PC and Video card used, or when signal cable is attached, this function may not operate.



**OFF TIMER:** Monitor will automatically power-down when the end user has selected a pre-determined amount of time.



**IPM:** Monitor will go into power-save mode automatically a few minutes after the surrounding illumination is less than the one pre-determined at the User Setting. You can adjust this illumination setting in the Advanced menu Tag 7.

During the power-save mode, the LED is amber blinking.

During the power-save mode, push any of the front buttons, except power button or SELECT button, and the monitor will return to normal mode.

When the surrounding illumination is over than the one pre-determined at the User Setting, the monitor will return to normal mode automatically.



## Tools 2



**LANGUAGE:** OSM control menus are available in seven languages.



**OSM LEFT/RIGHT:** You can choose where you would like the OSM control image to appear on your screen. Selecting OSM Location allows you to manually adjust the position of the OSM control menu left or right.



**OSM DOWN/UP:** You can choose where you would like the OSM control image to appear on your screen. Selecting OSM Location allows you to manually adjust the position of the OSM control menu down or up.



**OSM TURN OFF:** The OSM control menu will stay on as long as it is use. In the OSM Turn Off submenu, you can select how long the monitor waits after the last touch of a button to shut off the OSM control menu. The preset choices are 10-120 seconds by 5 seconds step.



**OSM LOCK OUT:** This control completely locks out access to all OSM control functions. When attempting to activate OSM controls while in the Lock Out mode, a screen will appear indicating the OSM controls are locked out.

There are three types of OSM LOCK OUT:

**OSM LOCK OUT with BRIGHTNESS and CONTRAST control:** To activate the OSM Lock Out function, press SELECT, then "+" key and hold down simultaneously. To deactivate the OSM Lock Out, press SELECT, then "+" key and hold down simultaneously while in the OSM menu. BRIGHTNESS and CONTRAST can be adjusted while in the lock out mode.

**OSM LOCK OUT with no control:** To activate the OSM Lock Out function, press SELECT, then ">" key and hold down simultaneously. To deactivate the OSM Lock Out, press SELECT, then ">" key and hold down simultaneously while in the OSM menu. No controls can be adjusted while in the lock out mode.

**OSM LOCK OUT with BRIGHTNESS (only) control:** To activate the OSM Lock Out function, press SELECT, then "-" and "<" keys and hold down simultaneously. To deactivate the OSM Lock Out, press SELECT, then "+" key and hold down simultaneously while in the OSM menu. BRIGHTNESS can be adjusted while in the lock out mode.



**OSM ROTATION:** To rotate OSM between Landscape and Portrait modes.



**RESOLUTION NOTIFIER:** This optimal resolution is 1280 x 1024. If ON is selected, a message will appear on the screen after 30 seconds, notifying you that the resolution is not at 1280 x 1024.



**HOT KEY:** You can adjust the brightness and contrast directly. When this function is set to ON, you can adjust the brightness with < or >, contrast with + or - key, while the OSM menu is off. The standard OSM can be accessed with the EXIT button.



**FACTORY PRESET:** Selecting Factory Preset allows you to reset all OSM control settings (BRIGHTNESS, CONTRAST, BLACK LEVEL, AUTO BRIGHTNESS, IMAGE CONTROL, COLOR CONTROL SYSTEM, SHARPNESS, EXPANSION MODE, OFF TIMER, OSM POSITION, OSM TURN OFF, DISPLAY MODE) back to the factory settings. Individual settings can be reset by highlighting the control to be reset and pressing the RESET button.



## Information

**MODE DISPLAY MODE:** Provides information about the current resolution display and technical data including the preset timing being used and the horizontal and vertical frequencies. Increases or decreases the current resolution.



**MONITOR INFO:** Indicates the model and serial numbers of your monitor.

## OSM Warning

OSM Warning menus disappear with Exit button.

**NO SIGNAL:** This function gives a warning when there is no Horizontal or Vertical Sync. After power is turned on or when there is a change of input signal, the No Signal window will appear.

**RESOLUTION NOTIFIER:** This function gives a warning of use with optimized resolution. After power is turned on or when there is a change of input signal or the video signal doesn't have proper resolution, the Resolution Notifier window will open. This function can be disabled in the TOOL menu.

**OUT OF RANGE:** When input signal is non-supported timing or the video signal doesn't have proper timing, the Out of Range menu will appear.

**NOTE:** If "CHANGE DVI SELECTION" is displayed, switch to DVI SELECTION.

## 4. Troubleshooting

The Problem	Possible Solutions
<b>No picture</b>	<ul style="list-style-type: none"> <li>• The signal cable should be completely connected to the display card/computer.</li> <li>• The display card should be completely seated in its slot.</li> <li>• Check the Vacation Switch should be in the ON position.</li> <li>• Front Power Switch and computer power switch should be in the ON position.</li> <li>• Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)</li> <li>• Check the monitor and your display card with respect to compatibility and recommended settings.</li> <li>• Check the signal cable connector for bent or pushed-in pins.</li> <li>• Check the signal input, "INPUT 1" or "INPUT 2".</li> <li>• Ensure the DVI input mode is set to DIGITAL when the MAC digital output is connected to the DVI-I (Input1) connector.</li> </ul>
<b>Power Button does not respond</b>	<ul style="list-style-type: none"> <li>• Unplug the power cord of the monitor from the AC outlet to turn off and reset the monitor.</li> <li>• Check the Vacation Switch on the left side of the monitor.</li> </ul>
<b>Image persistence</b>	<ul style="list-style-type: none"> <li>• Please be aware that LCD Technology may experience a phenomenon known as Image Persistence. Image persistence occurs when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided. To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour and a residual image remains, the monitor should be turned off for one hour to erase the image. NOTE: As with all personal display devices, LaCie recommends displaying moving images and using a moving screen saver at regular intervals whenever the screen is idle or turning off the monitor when not in use.</li> </ul>
<b>Message "OUT OF RANGE" is displayed (screen is either blank or shows rough images only)</b>	<ul style="list-style-type: none"> <li>• Image is displayed only roughly (pixels are missing) and OSM warning "OUT OF RANGE" is displayed: Either signal clock or resolution is too high. Choose one of the supported modes.</li> <li>• OSM warning "OUT OF RANGE" is displayed on a blank screen: Signal frequency is out of range. Choose one of the supported modes.</li> </ul>

The Problem	Possible Solutions
<b>Image is unstable or unfocused</b>	<ul style="list-style-type: none"> <li>• Signal cable should be completely attached to the computer.</li> <li>• Use the OSM Image Adjust controls to focus and adjust display by increasing or decreasing the fine total. When the display mode is changed, the OSM Image Adjust settings may need to be readjusted.</li> <li>• Check the monitor and your display card with respect to compatibility and recommended signal timings.</li> <li>• If your text is garbled, change the video mode to non-interlace and use 60Hz refresh rate.</li> <li>• Please be aware that LCD Technology may experience a phenomenon known as Image Persistence. Image persistence occurs when a residual or "ghost" image of a previous image remains visible on the screen. Unlike CRT monitors, LCD monitors' image persistence is not permanent, but constant images being displayed for a long period of time should be avoided. To alleviate image persistence, turn off the monitor for as long as the previous image was displayed. For example, if an image was on the monitor for one hour and a residual image remains, the monitor should be turned off for one hour to erase the image. NOTE: As with all personal display devices, LaCie recommends displaying moving images and using a moving screen saver at regular intervals whenever the screen is idle or turning off the monitor when not in use.</li> </ul>
<b>LED on monitor is not lit (no green or amber color can be seen)</b>	<ul style="list-style-type: none"> <li>• Power Switch should be in the ON position and power cord should be connected.</li> </ul>
<b>Display image is not sized properly</b>	<ul style="list-style-type: none"> <li>• Use the OSM Image Adjust controls to increase or decrease the Coarse total.</li> <li>• Check to make sure that a supported mode has been selected on the display card or system being used. (Please consult display card or system manual to change graphics mode.)</li> </ul>
<b>No Video</b>	<ul style="list-style-type: none"> <li>• If no video is present on the screen, turn the Power button off and on again.</li> <li>• Make certain the computer is not in a power-saving mode (touch the keyboard or mouse).</li> </ul>
<b>No Tilt</b>	<ul style="list-style-type: none"> <li>• Rotate the screen to 90° clockwise until you hear one click.</li> <li>• Refer to the Quick Start section, "Remove monitor stand for mounting" to insure correct installation of stand.</li> </ul>

## **LaCie Technical Support**

### **LaCie Australia**

Contact Us At:  
<http://www.lacie.com/au/contact/>

### **LaCie Canada**

Contact Us At:  
<http://www.lacie.com/caen/contact/> (English)

### **LaCie Finland**

Contact Us At:  
<http://www.lacie.com/fi/contact>

### **LaCie Germany**

Contact Us At:  
<http://www.lacie.com/de/contact/>

### **LaCie Japan**

Contact Us At:  
<http://www.lacie.co.jp>

### **LaCie Norway**

Contact Us At:  
<http://www.lacie.com/no/contact/>

### **LaCie Sweden**

Contact Us At:  
<http://www.lacie.com/se/contact/>

### **LaCie United Kingdom & Ireland**

Contact Us At:  
<http://www.lacie.com/uk/support/request>

### **LaCie Grand Export**

Contact Us At:  
<http://www.lacie.com/intl/contact/>

### **LaCie Belgium**

Contact Us At:  
<http://www.lacie.com/be/contact/>

### **LaCie Denmark**

Contact Us At:  
<http://www.lacie.com/dk/contact/>

### **LaCie France**

Contact Us At:  
<http://www.lacie.com/fr/contact/>

### **LaCie Italy**

Contact Us At:  
<http://www.lacie.com/it/contact/>

### **LaCie Netherlands**

Contact Us At:  
<http://www.lacie.com/nl/contact/>

### **LaCie Spain**

Contact Us At:  
<http://www.lacie.com/es/support/request>

### **LaCie Switzerland**

Contact Us At:  
<http://www.lacie.com/chfr/contact>

### **LaCie USA**

Contact Us At:  
<http://www.lacie.com/contact/>

## 6. Warranty

LaCie warrants your LaCie 319 LCD Monitor against any defect in material and workmanship, under normal use. In the event this product is found to be defective within the warranty period, LaCie will, at its option, repair or replace the defective LaCie 319 LCD Monitor.

This warranty is void if:

- The LaCie 319 LCD Monitor was operated/stored in abnormal use or maintenance conditions;
- The LaCie 319 LCD Monitor is repaired, modified or altered, unless such repair, modification or alteration is expressly authorized in writing by LaCie;
- The LaCie 319 LCD Monitor was subjected to abuse, neglect, lightning strike, electrical fault, improper packaging or accident;
- The LaCie 319 LCD Monitor was installed improperly;
- The serial number of the LaCie 319 LCD Monitor is defaced or missing;
- The broken part is a replacement part such as a pickup tray, etc.
- The tamper seal on the LaCie 319 LCD Monitor is broken.

LaCie will not, under any circumstances, be liable for direct, special or consequential damages such as, but not limited to, damage or loss of property or equipment, loss of profits or revenues, cost of replacement goods, or expense or inconvenience caused by service interruptions.

Under no circumstances will any person be entitled to any sum greater than the purchase price paid for the monitor.

To obtain warranty service, call LaCie Technical Support. You will be asked to provide your LaCie product's serial number, and you may be asked to furnish proof of purchase to confirm that the monitor is still under warranty.

All monitor returned to LaCie must be securely packaged in their original box and shipped with postage prepaid.



**Important Info:** Register online for free technical support: [www.lacie.com/register](http://www.lacie.com/register)