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Changes

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FCC Declaration of Conformity:



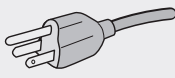
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.

Use the attached specified cables with the LaCie 500 Series 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 chord	Non shield type, 3-conductor
Length	2.0 m
Plug shape	 (USA)

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.

U.S. Responsible Party: LaCie, LTD

Address: 22985 NW Evergreen Pkwy
Hillsboro, OR 97124

Tel. No.: (503) 844-4503

CE Manufacturer's Declaration for CE Certification

We, LaCie, solemnly declare that this product conforms to the following European standards:

- ❖ EN60950-1, EN61000-3-2
- ❖ EN61000-3-3, EN55024

With reference to the following conditions:

- ❖ 73/23/EEC Low Voltage Directive
- ❖ 89/336/EEC EMC Directive

LaCie S.A.
33 Bld du Général Martial Valin
75015 Paris
France

CAUTION: Modifications not authorized by the manufacturer may void the user's authority to operate this device. 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.

Safety Precautions and Maintenance

- ❖ 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 temperature, 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.
 - ❖ When operating the LaCie 500 Series 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 500 Series 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.

Health and Ergonomic Precautions

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).



To maximize 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.

Environmental Regulations



Congratulations! The display you have just purchased carries the TCO'03 Displays label. This means that your display is designed, manufactured and tested according to some of the strictest quality and environmental requirements in the world. This makes for a high performance product, designed with the user in focus that also minimizes the impact on our natural environment.

Some of the features of the TCO'03 Display requirements:

■ Ergonomics

Good visual ergonomics and image quality in order to improve the working environment for the user and to reduce sight and strain problems. Important parameters are luminance, contrast, resolution, reflectance, colour rendition and image stability.

■ Energy

- ❖ Energy-saving mode after a certain time – beneficial both for the user and the environment
- ❖ Electrical safety

■ Emissions

- ❖ Electromagnetic fields
- ❖ Noise emissions

■ Ecology

- ❖ The product must be prepared for recycling and the manufacturer must have a certified environmental management system such as EMAS or ISO 14 001
- ❖ Restrictions on:
 - chlorinated and brominated flame retardants and polymers
 - heavy metals such as cadmium, mercury and lead.

The requirements included in this label have been de-

veloped by TCO Development in cooperation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user-friendly direction. Our labelling system started with displays in 1992 and is now requested by users and IT-manufacturers all over the world.

For more information, please visit

www.tcodevelopment.com



Within the European Union

EU-wide legislation, as implemented in each Member State, requires that waste electrical and electronic products carrying the mark (left) must be disposed of separately from normal household waste. This includes monitors and electrical accessories, such as signal cables or power cords. When you need to dispose of

your LaCie display products, please follow the guidance of your local authority, or ask the shop where you purchased the product, or if applicable, follow any agreements made between yourself and LaCie.

The mark on electrical and electronic products only applies to the current European Union Member States.

Outside the European Union

If you wish to dispose of used electrical and electronic products outside the European Union, please contact your local authority so as to comply with the correct disposal method.

Manufacturer’s Recycling and Energy Information

LaCie is strongly committed to environmental protection and sees recycling as one of the company’s top priorities in trying to minimize the burden placed on the environment. We are engaged in developing environmentally friendly products, and always strive to help define and comply with the latest independent standards from agencies.

Recycling programs information:

Sweden - <http://www.el-retur.se>

Germany - <http://www.recyclingpartner.de/>

Holland - <http://www.mirec.nl/>

Japan - <http://www.diarcs.com/>

Energy saving:

This monitor features an advanced energy saving capability. When a VESA Display Power Management Signaling

(DPMS) Standard signal is sent to the monitor, the Energy Saving mode is activated. The monitor enters a single Energy Saving mode.

Mode	Power consumption	LED color
Normal operation	65W	Blue
Energy saving mode	Less than 1W	Amber
Off	Less than 1W	N/A



Monitor Specifications

526 LCD Monitor	
Technology:	H-IPS A-TW POL
Diagonal display:	25.5" (64.9 cm)
Active Display:	550 (H) x 344 (V) mm
Resolution:	Some systems may not support all modes listed. 720 x 400*1 at 70 Hz to 85 Hz; 640 x 480*1 at 60 Hz to 85 Hz; 800 x 600*1 at 56 Hz to 85 Hz; 832 x 624*1 at 75 Hz; 1024 x 768*1 at 60 Hz to 85 Hz; 1152 x 864*1; 1152 x 870*1 at 75 Hz; 1280 x 960*1 at 60 Hz; 1280 x 1024*1 at 60 Hz to 85 Hz; 1600 x 1200*1 at 60 Hz to 75 Hz ;1200 x 1920*1 at 60 Hz 1920 x 1200 at 60 Hz – LaCie recommends this resolution for optimal display performance. The LaCie 526 supports HDTV resolutions (1920x1080p@50Hz, 1920x1080p@60Hz, 1280x720p@60Hz, 1280x720p@50Hz) as well as 720x480p@60Hz and 720x576p@50Hz
Pixel pitch:	0.287 mm, 89 PPI
Gamut:	91% NTSC
Color depth:	16,777,216
Gamma correction:	12 bit with 16 bit precision
Luminance:	400 cd/m ² (typ.)
Contrast ratio:	800:1 (typical)
Response time:	Rise time + Fall time : 16ms(typical) 8ms G t G
Viewing angles:	Left/Right ±89°, Up/Down ±89°
Connections:	Mini D-sub 15 pin, DVI-I (analog or digital), DVI-D (digital)
Power consumption:	111W (typical)
In power save mode	< 1 W
Weight:	9.7 kg
Weight with stand:	13.7 kg
Ergonomy:	Up/down: 30° to -5°; left/right: 170° to 170°; clockwise: 90°; height adjustment: 150 mm
Operating Temp.:	5°C to 35°C/41°F to 95°F
Humidity:	30% to 80%
Altitude:	0 to 10,000 feet / 0 to 3,048 m
Certifications:	CE, FCC-B, TÜV-Ergonomie, TÜV-GS, TCO'03, EnergyStar, GOST-R, c-UL, UL, VESA DDC 2B, DDC-CI
	*1 Interpolated Resolutions: When resolutions are shown that are lower than the pixel count of the LCD module, text may appear different. This is normal and necessary for all current flat panel technologies when displaying non-native resolutions full screen. In flat panel technologies, each dot on the screen is actually one pixel, so to expand resolutions to full screen, an interpolation of the resolution must be done.

1. Introduction to Your LaCie 500 Series LCD Monitor

Thank you for purchasing the LaCie 500 Series LCD Monitor. Designed for serious graphics professionals, these LCD monitors feature 12-bit gamma correction to meet the challenge of today's color needs.



1.1. 500 Series LCD Monitor Features

- ❖ **Large 25.5" diagonal size and wide 16:10 format** enhances productivity by reducing the need for scrolling through documents and switching windows and allows full 1:1 scale display of two full pages with additional space for application palettes and toolbars.
- ❖ **High 1920x1200 resolution and HDCP Content Protection technology** is ideal for high resolution graphics and video applications.
- ❖ **Wide-Gamut H-IPS A-TW POL panel technology** offers an industry-leading 91% NTSC Gamut that allows the LaCie 500 series monitors to display an ever larger range of vibrant colors, previously unattainable by LCD monitors. When used in a color-managed environment, this offers the benefit of an even closer match between captured, displayed and printed colors. This technology offers an excellent balance between contrast (800:1), brightness (400 cd/m² typ.) and expansive viewing angles of 178°.
- ❖ **Improved uniformity:** Each panel is individually tested at the factory and corrected to ensure that brightness and chromaticity are uniform across the screen.
- ❖ **ColorKeeper Backlight Stabilizer:** The LaCie 526 monitor has an embedded sensor that analyzes the brightness and chromaticity of its backlight in real time. A feedback mechanism then uses this information to continuously adjust the backlight and panel to ensure stable monitor brightness and color.
- ❖ **12-bit Gamma Correction:** The embedded Integrated Circuit enables a genuine hardware calibration of the monitor. Its 12-bit Gamma Correction tables (16 bits precision) allow an optimal display of color gradients.
- ❖ **Ergonomic stand** enables height swivel tilt and pivot adjustments.
- ❖ **VESA-100 interface:** The Monitor can be attached to any VESA 100 compatible attachment.
- ❖ **Portability handle and quick-release stand** make your LaCie 500 Series Monitor easy to carry.

1.2. Box Content

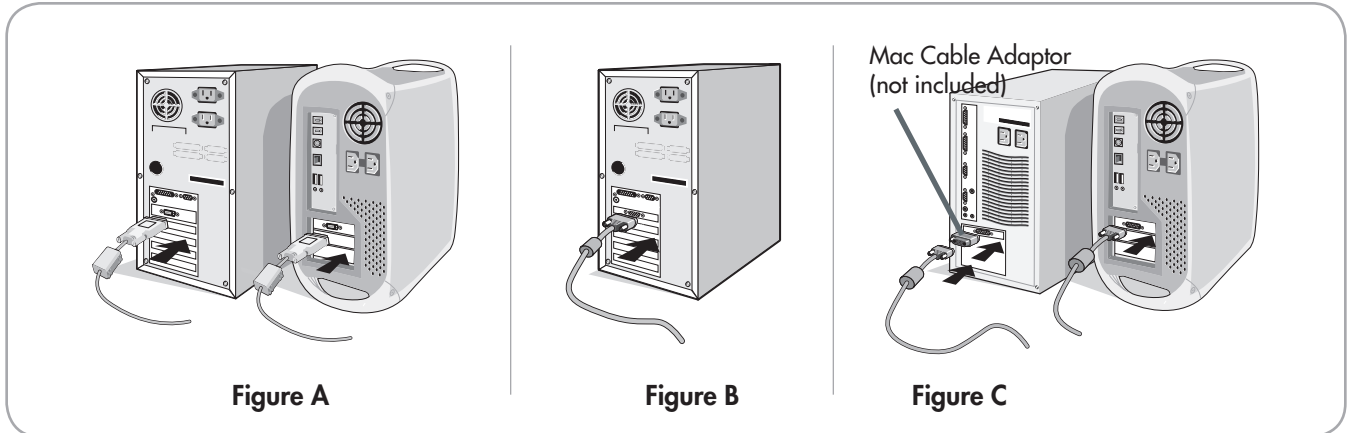
Your LaCie 500 Series LCD Monitor box should contain the following:

- 1 LaCie 500 Series LCD Monitor with tilt/swivel/pivot/height adjustable stand
- 2 easyHood
- 3 US power cord
- 4 CE power cord
- 5 Screws (to mount the monitor to a flexible arm)
- 6 Cable cover
- 7 Video signal cable (15-pin mini D-SUB male to DVI-A)
- 8 Video signal cable (DVI-D to DVI-D cable)
- 9 LaCie Utilities CD-ROM (includes User Manual, monitor ICC profiles and blue eye pro calibration software)
- 10 Quick Install Guide
- 11 Cleaning cloth



IMPORTANT INFO: Please save your packaging. In the event that the monitor should need to be repaired or serviced, it must be returned in its original packaging.

2. Installing Your LaCie 500 Series LCD Monitor



To attach the 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). 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 B).

For the MAC:

Connect the Macintosh cable adaptor to the computer, then attach the 15-pin mini D-SUB signal cable to the Macintosh cable adaptor (Figure C).

TECHNICAL NOTE: Some Macintosh systems do not require a Macintosh cable adaptor.

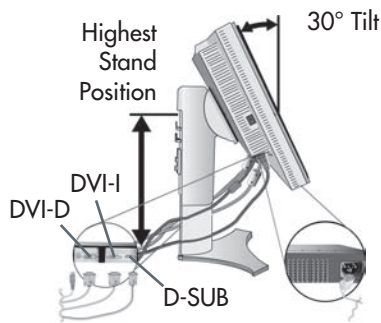


Figure D

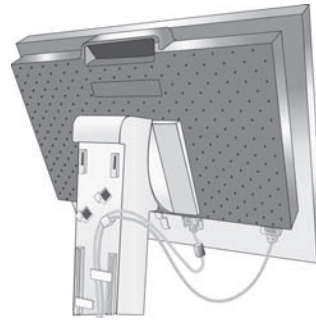


Figure E

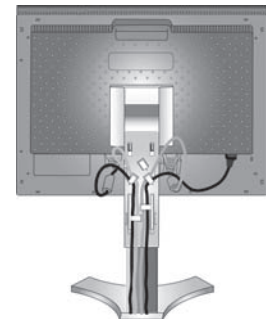


Figure F

3. Place hands on each side of the monitor to tilt the LCD panel to a 30-degree angle and lift up to the highest position (Figure D).
4. Connect all cables to the appropriate connectors (Figure D).
5. To keep the cables neatly organized, place them into the cable management system that is built into the stand.
 - ❖ Place the D-Sub cable (not included) and the power cable into the specific hooks as indicated (Figure E).
 - ❖ Place the DVI cable and the 15-pin mini D-Sub to DVI-A cable into the hooks as indicated (Figure F).
 - ❖ When using the monitor in Portrait mode, place the DVI cable and the 15-pin mini D-Sub to DVI-A cable into the hooks as indicated (Figure G).
6. Make sure all cables are resting flat against the stand (Figure F). Please check Tilt, Rise and Lower monitor screen and screen rotation when you manage cables.

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

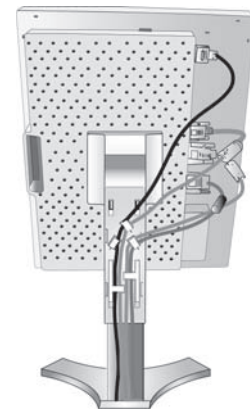


Figure G

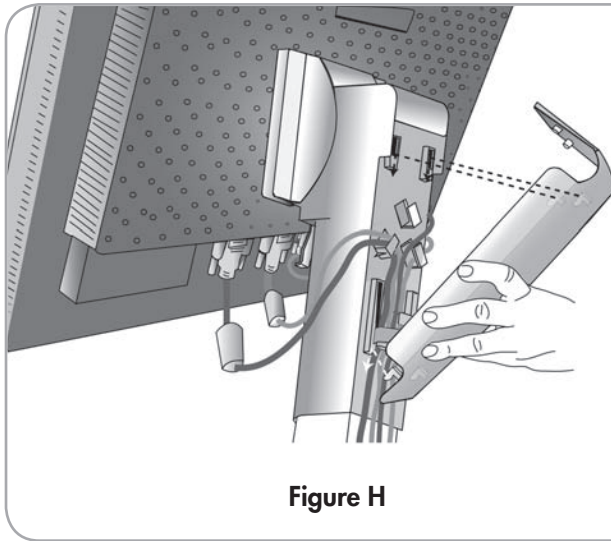


Figure H

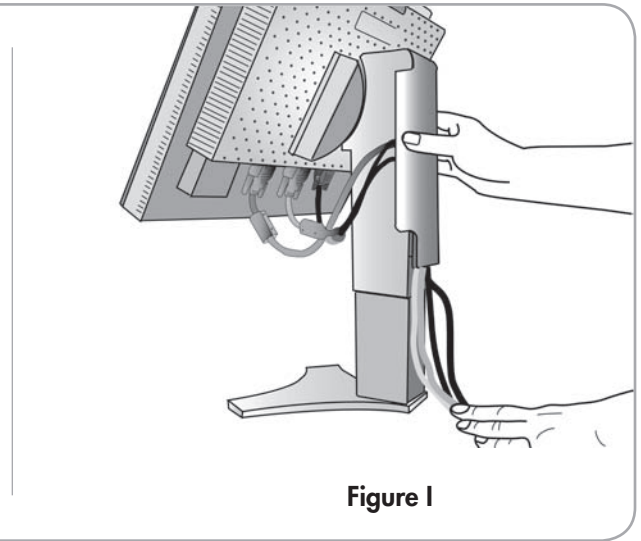


Figure I

7. Hold all cables firmly and place the cable cover onto the stand (Figure H). To remove the cable cover, lift the cover off as shown in Figure H.
8. 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.
9. The Vacation Switch on the left side of the monitor must be turned on. Turn on the monitor with the front power button (Figure J) and the computer.

TECHNICAL 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.

10. No-touch auto adjust automatically adjusts the monitor to optimal settings upon initial setup for most timings. For further adjustments, use the following OSD (on-screen display) controls:
 - ❖ Auto Contrast (Analog input only)
 - ❖ Auto Adjust (Analog input only)

Refer to the page 17, [OSD Control Button Functions](#), for a full description of these OSD controls.

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

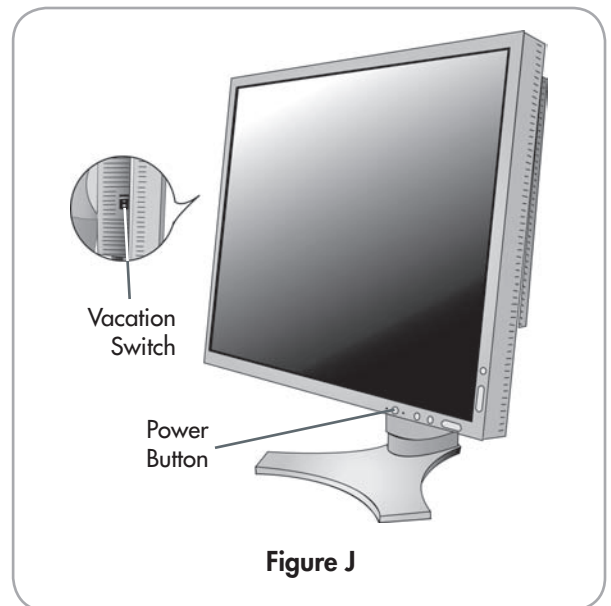


Figure J

3. Using Your LaCie 500 Series LCD Monitor

3.1. Physical Adjustments

■ 3.1.1. Raise and lower monitor screen



Figure A



Figure B

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 lift or lower to the desired height (Figure A and B).

TECHNICAL NOTE: Handle with care when raising or lowering the monitor screen.

■ 3.1.2. Screen tilt

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

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

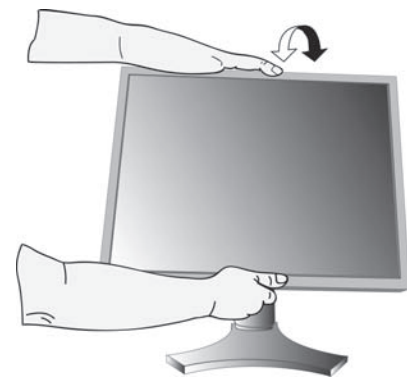
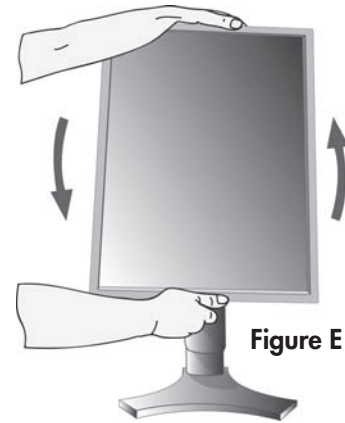
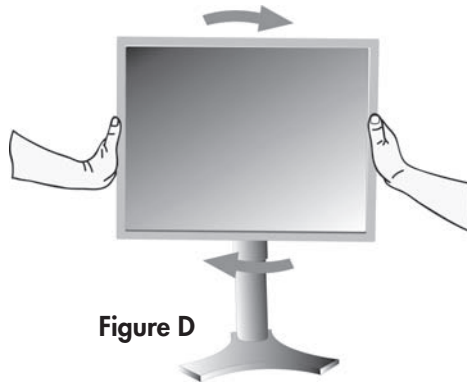


Figure C

■ 3.1.3. Screen rotation



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

To raise the screen, place your hands on each side of the monitor and lift up to the highest position (page 13, figure B).

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

To rotate the OSD menu between landscape and portrait, refer to “Controls” section.

Mac Users

Portrait mode requires a high end graphic board such as the ATI Radeon x800 or internal ATI graphic chip.

PC Users

To get the full benefit from portrait mode, LaCie recommends using PivotPro software from Portrait Displays: www.portrait.com.

■ 3.1.4. Swivel

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



■ 3.1.5. 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 (Figure G).

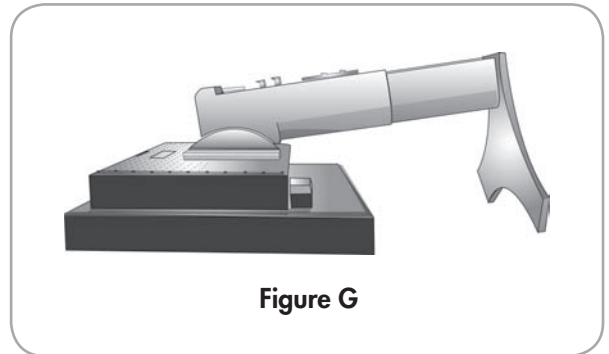


Figure G

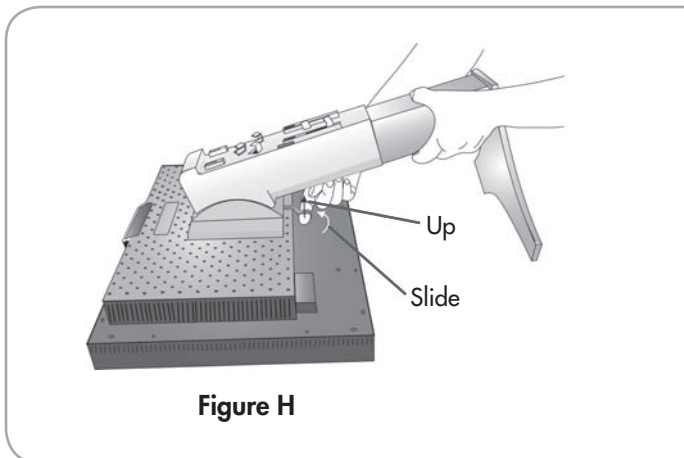


Figure H

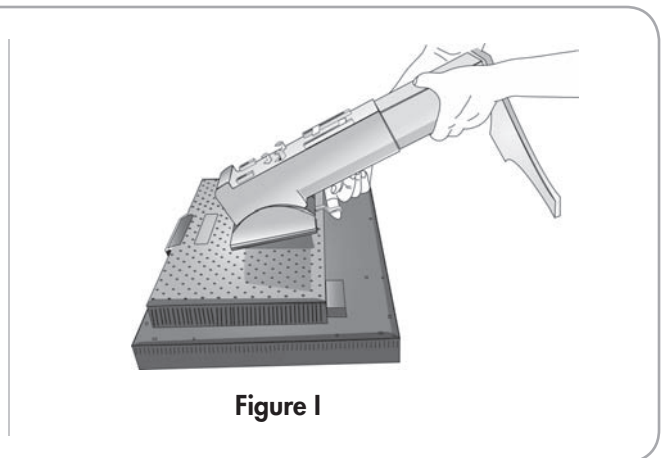


Figure I

4. Place one hand around the base and one hand on the Quick Release Lever. Move the Quick Release Lever in the direction indicated by the arrows (Figure H).
5. Lift up the bottom of the stand to unhook it from the monitor (Figure I). The monitor can now be mounted using an alternating method. Reverse process to re-attach stand.

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

IMPORTANT INFO: Handle with care when removing monitor stand.

■ 3.1.6. Flexible arm installation

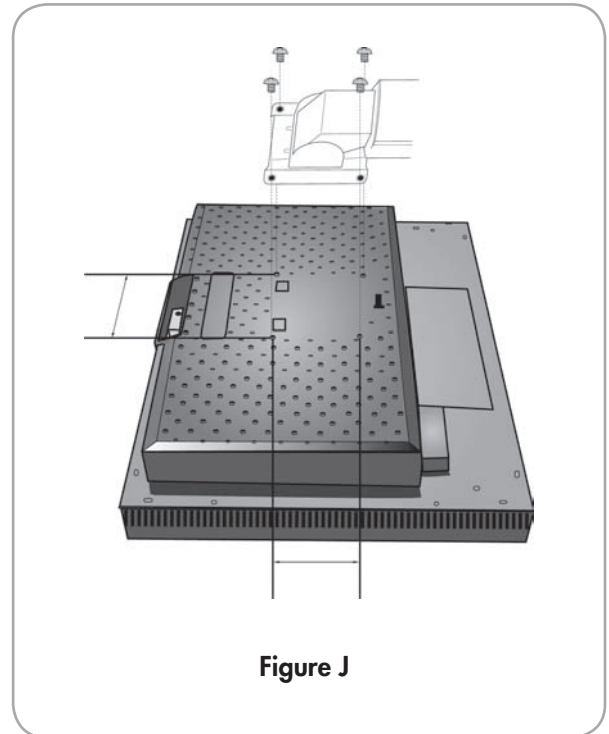
This LCD monitor is designed for use with a flexible arm.

1. Follow the instructions on how Remove Monitor Stand for Mounting to remove the stand.
2. Using the 4 screws from the stand removal and attach the arm to the monitor (Figure J).

IMPORTANT INFO: Use ONLY the screws that are included when mounting to avoid damage to the monitor and stand.

To fulfil the safety requirements the monitor must be mounted to an arm which guaranties the necessary stability under consideration of the weight of the monitor.

The LCD monitor can be used with an arm (e.g. the LaCie Twin Arm or the LaCie Articulated Arm).

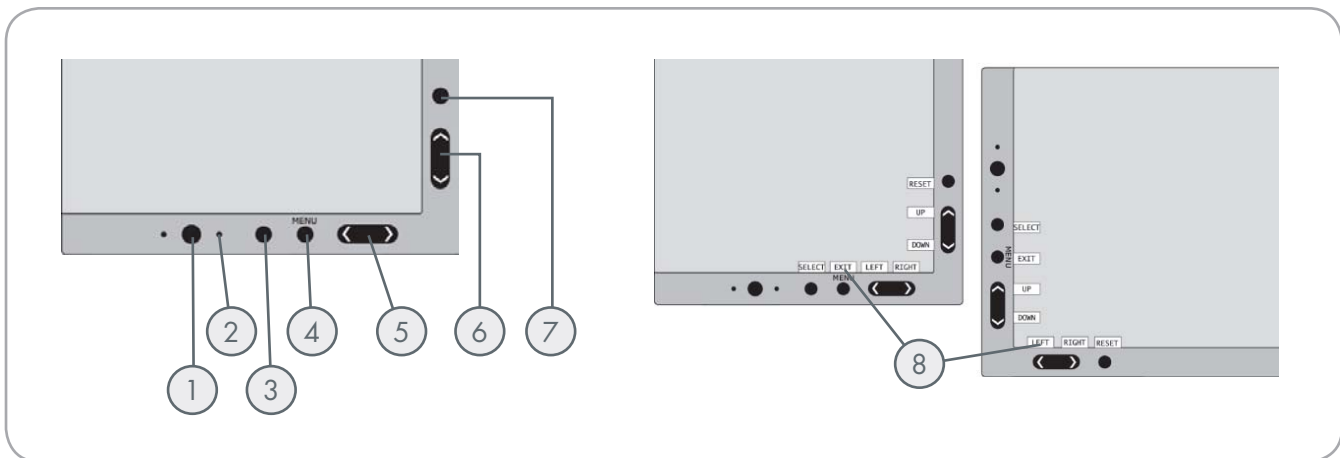


4. OSD (On-Screen Display) Control Button Functions

To access OSD menu, press any of the control buttons (MENU/EXIT, LEFT, RIGHT, UP, DOWN).

To change signal input, press the SELECT button.


TECHNICAL NOTE: The OSD must be closed in order to change signal input.




1 POWER	Turns the monitor on and off.
2 LED	Indicates that the power is on.
3 INPUT/SELECT	Enters OSD sub menus. Changes the input source when not in the OSD Control menu.
4 MENU/EXIT	Opens/Exits the OSD sub menu. Opens/Exits OSD Control menu.
5 LEFT/RIGHT	Navigates to the left or right through the OSD Control menu.
6 UP/DOWN	Navigates up or down through the OSD Control menu.
7 RESET/ROTATE OSD	Resets the OSD back to factory settings. When pressed when the OSD is not showing, rotates the OSD Control menu between portrait and landscape mode.*
8 KEY GUIDE	The Key Guide appears on screen when the OSD control menu is accessed. The Key Guide will rotate when the OSD control menu is rotated.

* The “LEFT/RIGHT” and “UP/DOWN” buttons functionality is interchangeable depending on the orientation (landscape/portrait) of the OSD.


4.1. Brightness/Contrast Controls




Symbol	Menu title	Explanation
	BRIGHTNESS	Adjusts the overall image and background screen brightness.
	CONTRAST	Adjusts the image brightness in relation to the background.
	BLACK LEVEL	Adjust the black level.

4.2. Auto Adjust (Analog input only)


Symbol	Menu title	Explanation
		Automatically adjusts the Image Position and H. Size settings and Fine settings.

4.3. Image Controls

Symbol	Menu title	Explanation
	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.
	AUTO FINE (Analog input only)	This function automatically and periodically adjusts the FINE setting for change in signal condition. This function adjusts approximately every 33 minutes or when a change in signal timing is detected.
	EXPANSION	Sets the zoom method. FULL: The image is expanded to 1920 x 1200 regardless of the resolution. ASPECT: The image is expanded without changing the aspect ratio. OFF: The image is not expanded. CUSTOM: Refer to the ADVANCED OSD Controls menu section of the user manual for detailed instructions.


Symbol	Menu title	Explanation
	<p>H.SIZE (V.SIZE) (Analog input only)</p>	<p>Adjusts the horizontal size by increasing or decreasing this setting. If the “AUTO Adjust function” do not give you a satisfactory picture setting, a further tuning can be performed using the “H.Size (or V.Size)” function (dot clock). For this 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 on the left drawing. The image should be homogeneous.</p> <div style="text-align: center;">  <p>When H.SIZE value is incorrect When H.SIZE value is improved When H.SIZE value is correct</p> </div>
	<p>FINE (Analog input only)</p>	<p>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. For this a Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.</p> <div style="text-align: center;">  <p>When FINE value is incorrect When FINE value is correct</p> </div>

4.4. Color Control Systems

Symbol	Menu title	Explanation
	For preset settings 1, 2, 3 and 5, the following levels can be adjusted:	
	TEMPERATURE	Adjust the white temperature by increasing or decreasing this setting. A lower color temperature will make the screen reddish and a higher color temperature will make the screen bluish.
	WHITE (White Balance):	If TEMPERATURE needs further adjustment, the individual R/ G/ B/ levels of the white point can be adjusted. To adjust the R/G/B levels, CUSTOM must be showing as the TEMPERATURE selection.
	HUE	Adjusts the hue of each color*1. The change in color will appear on screen and the menu color bars will show the amount of adjustment.
	SATURATION	Adjusts the color depth of each color*1. Press the “RIGHT” button and the color vividness increases.
	OFFSET	Adjusts the color brightness of each color*1. Press “RIGHT” button and the color Brightness increases.
	NATIVE, sRGB	Original color presented by the LCD panel that is not adjustable.
	PROGRAMMABLE	The color tone that was set up with the downloaded application software is reflected.
	1* RED, YELLOW, GREEN, CYAN, BLUE and MAGENTA	

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


4.5. Tools 1


Symbol	Menu title	Explanation
	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.
	DVI SELECTION	<p>This function selects the DVI input mode (DVI-I). When the DVI selection has been changed, the computer has to be restarted.</p> <p>AUTO By using the D-SUB to DVI-A cable, the DVI SELECTION is DIGITAL. By using the DVI-D to DVI-D cable, the DVI SELECTION is ANALOG.</p> <p>DIGITAL DVI digital input is available.</p> <p>ANALOG DVI analog input is available.</p>
	HDCP CONTENT	<p>Selects the type of input to be used with HDCP CONTENT.</p> <p>OFF When a PC or other computer equipment is connected, select “OFF”.</p> <p>ON When a DVD player or other type of high definition device is connected, select “ON”.</p>

TECHNICAL NOTE: Interlaced signals (480i, 576i, 1080i) are not supported. Please consult the User’s Manual included with the device for assistance and detailed information.

TECHNICAL 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 OSD by pressing SELECT button then “CONTROL” button when the DVI signal cable is connected to the DVI-I connector (DVI-I) of the monitor. Otherwise the MAC may not turn on.


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


Symbol	Menu title	Explanation
	VIDEO DETECT	<p>Selects the method of video detection when more than one computer is connected.</p> <p>FIRST The video input has to be switched to FIRST mode. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then 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.</p> <p>LAST The video input has to be switched to the LAST mode. When the monitor is displaying a signal from the current source and a new secondary source is supplied to the monitor, then the monitor will automatically switch to the new video source. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically.</p> <p>NONE The Monitor will not search the other video input port unless the monitor is turned on.</p>
	OFF TIMER	<p>Monitor will automatically power down when the user has selected a predetermined amount of time. Before powering off, a message will appear on the screen asking if the user wants to delay the turnoff time by 60 minutes. Press any OSD button to delay the turnoff time.</p>

Symbol	Menu title	Explanation
	UNIFORMITY	This function electronically compensates for the slight variations in the white uniformity level, as well as for deviations in color that may occur throughout the display area of the screen. These variations are characteristic of LCD panel technology. This function improves the color and evens out the luminance uniformity of the display.
	POWER MANAGER	<p>The Power Manager allows the monitor to enter into a power saving mode after a period of inactivity. The Power Manager has three settings:</p> <p>OFF Monitor does not go into power save mode when the input signal is lost.</p> <p>STANDARD Monitor enters power save mode automatically when the input signal is lost.</p> <p>OPTION Monitor enters power save mode automatically when the amount of surrounding light goes below the level that is determined by the user. The level can be adjusted in Tag 7 of the Advanced OSD Control menu. When in power save mode, the LED on the front of the monitor blinks amber. While in power save mode, push any of the front buttons, except for POWER and SELECT to return to normal. When the amount of surrounding light returns to normal levels, the monitor will automatically return to normal mode.</p>


TECHNICAL NOTE: Using the UNIFORMITY feature reduces the overall peak luminance of the display. If greater luminance is desired over the uniform performance of the display, then UNIFORMITY should be turned off.

4.6. Menu Tools

Symbol	Menu title	Explanation
	LANGUAGE	OSD control menus are available in eight languages.
	OSD LEFT/RIGHT	You can choose where you would like the OSD control image to appear on your screen. Selecting OSD Location allows you to manually adjust the position of the OSD control menu left or right.
	OSD DOWN/UP	You can choose where you would like the OSD control image to appear on your screen. Selecting OSD Location allows you to manually adjust the position of the OSD control menu Up or Down.
	OSD TURN OFF	The OSD control menu will stay on as long as it is use. In the OSD Turn Off submenu, you can select how long the monitor waits after the last touch of a button to shut off the OSD control menu. The preset choices are 10-120 seconds by 5 seconds step.
	OSD LOCK OUT	<p>This control completely locks out access to all OSD control functions. When attempting to activate OSD controls while in the Lock Out mode, a screen will appear indicating the OSD controls are locked out. There are four types of OSD LOCK OUT:</p> <p>OSD LOCK OUT with BRIGHTNESS and CONTRAST control: To activate the OSD Lock Out function, press SELECT, then UP button and hold down simultaneously. To deactivate the OSD Lock Out, press SELECT, then UP button and hold down simultaneously while in the OSD menu. BRIGHTNESS and CONTRAST can be adjusted while in the lock out mode.</p> <p>OSD LOCK OUT with no control: To activate the OSD Lock Out function, press SELECT, then RIGHT button and hold down simultaneously. To deactivate the OSD Lock Out, press SELECT, then RIGHT button and hold down simultaneously while in the OSD menu. No controls can be adjusted while in the lock out mode.</p> <p>OSD LOCK OUT with BRIGHTNESS (only) control: To activate the OSD Lock Out function, press SELECT, then DOWN and LEFT buttons and hold down simultaneously. To deactivate the OSD Lock Out, press SELECT, then DOWN and LEFT buttons and hold down simultaneously while in the OSD menu. BRIGHTNESS can be adjusted while in the lock out mode.</p> <p>CUSTOM: Refer to the Advanced OSD Menu.</p>

Symbol	Menu title	Explanation
	RESOLUTION NOTIFIER	This optimal resolution is 1920 x 1200. If ON is selected, a message will appear on the screen after 30 seconds, notifying you that the resolution is not at 1920 x 1200.
	HOT KEY	You can adjust the brightness and contrast directly. When this function is set to ON, you can adjust the brightness with LEFT or RIGHT , contrast with DOWN or UP buttons, while the OSD menu is off. The standard OSD can be accessed with the EXIT button.
	FACTORY PRESET	Selecting Factory Preset allows you to reset all OSD control settings (BRIGHTNESS, CONTRAST, BLACK LEVEL, IMAGE CONTROL, COLOR CONTROL SYSTEM, SHARPNESS, POWER MANAGER, OSD LEFT/RIGHT, OSD UP/DOWN, OSD TURN OFF,) back to the factory settings. Individual settings can be reset by highlighting the control to be reset and pressing the RESET button.

4.7. Information

Symbol	Explanation
	Provides information about the current resolution display and technical data including the preset timing being used and the horizontal and vertical frequencies. Indicates the model and serial numbers of your monitor.

4.8. OSD Warnings

Explanation

OSD 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.

OUT OF RANGE

This function gives a recommendation of the optimized resolution and refresh rate. After the power is turned on or there is a change of input signal or the video signal doesn't have proper timing, the Out Of Range menu will appear.

PORTRAIT WARNING

When the monitor is used in the portrait position, the brightness value will be reduced to 300 cd/m². If the Portrait Warning is ON, a message will appear on the screen for 10 seconds.

LUMINANCE WARNING

When the backlight cannot display the desired luminance, a message will appear on the display. To avoid this, reduce the BRIGHTNESS level or set the AUTO LUMINANCE function to OFF (page 27, TAG1).

TECHNICAL NOTE: It is possible to change the DVI SELECTION, to change the IPM or to change the HDCP CONTENT settings while the "NO SIGNAL" or "OUT OF RANGE" messages are displayed.

4.9. Advanced Menu Functions

To access the advanced menu:

1. Turn off your monitor.
2. Turn on your monitor by pushing the POWER and SELECT button simultaneously for at least one second. Then press any of the control buttons (MENU/EXIT, LEFT, RIGHT, UP, DOWN).
3. You will see the Advanced menu. This menu is larger than the normal OSD.

4. To make an adjustment, ensure that the tag is highlighted, then press SELECT. To move to another tag, press EXIT, then press LEFT or RIGHT to highlight another tag.

To exit the advanced menu turn off and restart your monitor in the normal way.

Tag	Menu title	Explanation
Tag1	Brightness	Adjusts the overall image and screen background brightness. Press “Left” or “Right” to adjust. When AUTO LUMINANCE is OFF or 2, the brightness level is adjusted/measured using percentage (%). When AUTO LUMINANCE is 1 or 3, brightness level is adjusted/measured using cd/m ² . This is the “Estimated Brightness” level.
	Contrast	Adjusts the image brightness and contrast in relation to the background. Press LEFT or RIGHT to adjust.
	Auto Contrast (Analog input only)	Adjusts the image displayed for non-standard video inputs. Press SELECT to adjust. Any adjustment requires the image to have white portions.
	Auto Black Level (Analog input only)	Automatically adjusts the black level. Any adjustment requires the image to have black portions. Press SELECT to activate Auto Adjust.
	Auto Brightness	Auto Brightness has three settings. OFF: No function. 1: Adjusts the brightness automatically, by detecting the brightness level of your environment and adjusting the monitor with your BRIGHTNESS setting. 2: Adjusts the brightness automatically for the best BRIGHTNESS setting based on the white display area.
	Black Level	Allows you to manually adjust the black level. Press LEFT or RIGHT to adjust.
	Auto Luminance	Stabilizes the luminosity and colour of the image. While the BRIGHTNESS level is adjusting, the numerical value blinks OFF: No function 1: Stabilize Luminance 2: Stabilize Colour 3: Stabilize Luminance and colour NOTE: The AUTO LUMINANCE function is only available when “AUTO BRIGHTNESS” is OFF. When “AUTO LUMINANCE” is 1 or 3, maximum value of the Brightness level is limited. When AUTO LUMINANCE is OFF or 2, the brightness level is adjusted/measured using percentage (%).
	Low Bright Mode	Reduce the brightness by about half. If user wants a lower brightness than the level that is set in the BRIGHTNESS setting, select “ON”. NOTE: When PROGRAMABLE is set for the Gamma Selection (tag5), LOW BRIGHT MODE is disabled.

Tag	Menu title	Explanation
Tag2	R-H.position (Analog input only)	Adjusts the position of the red component of the image. Press LEFT or RIGHT to adjust.
	G-H.position (Analog input only)	Adjusts the position of the green component of the image. Press LEFT or RIGHT to adjust.
	B-H.position (Analog input only)	Adjusts the position of the blue component of the image. Press LEFT or RIGHT to adjust.
	R-FINE (Analog input only)	Adjusts the FINE setting of the RED component of the image. Press LEFT or RIGHT to adjust.
	G-FINE (Analog input only)	Adjusts the FINE setting of the GREEN component of the image. Press LEFT or RIGHT to adjust.
	B-FINE (Analog input only)	Adjusts the FINE setting of the BLUE component of the image. Press LEFT or RIGHT to adjust.
	R-SHARPNESS (Analog input only)	Adjusts the sharpness of the red component of the image. Press LEFT or RIGHT to adjust.
	G-SHARPNESS (Analog input only)	Adjusts the sharpness of the green component of the image. Press LEFT or RIGHT to adjust.
	B-SHARPNESS (Analog input only)	Adjusts the sharpness of the blue component of the image. Press LEFT or RIGHT to adjust.
	DVI Long Cable (Digital input only)	Compensates for image degradation caused by using a long DVI cable. There are 4 possible settings, with “0” being the lowest level of compensation and “3” being the highest level. The default setting is “1”.

Tag	Menu title	Explanation																			
Tag3	Auto Adjust (Analog input only)	Automatically adjusts the Image Position and H.Size settings and Fine settings. Press SELECT to activate Auto Adjustment.																			
	Signal Adjust (Analog input only)	<p>Determines when the auto adjustment is activated automatically. The choices are SIMPLE and FULL. Press LEFT or RIGHT to select.</p> <table border="1"> <thead> <tr> <th></th> <th>H-size, Fine, H/V Position</th> <th>Contrast</th> </tr> </thead> <tbody> <tr> <td>SIMPLE</td> <td>O</td> <td>X</td> </tr> <tr> <td>FULL</td> <td>O</td> <td>O</td> </tr> </tbody> </table> <p>O = Automatic adjustment X = No automatic adjustment</p> <p>NOTE: Automatic Adjustment does not work at resolutions less than 800x600 resolution.</p>		H-size, Fine, H/V Position	Contrast	SIMPLE	O	X	FULL	O	O										
		H-size, Fine, H/V Position	Contrast																		
SIMPLE	O	X																			
FULL	O	O																			
Auto Adjust Level (Analog input only)	<p>Determines the automatic adjustment level for Auto Adjust. The choices are SIMPLE, FULL and DETAIL. Press LEFT or RIGHT to select. Refer to the below table.</p> <table border="1"> <thead> <tr> <th></th> <th>Size, Fine, Position</th> <th>Contrast</th> <th>Black level</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>SIMPLE</td> <td>O</td> <td>X</td> <td>X</td> <td>1 second</td> </tr> <tr> <td>FULL</td> <td>O</td> <td>O</td> <td>X</td> <td>1.5 seconds</td> </tr> <tr> <td>DETAIL</td> <td>O</td> <td>O</td> <td>O</td> <td>5 seconds</td> </tr> </tbody> </table> <p>O = Automatic adjustment X = No automatic adjustment</p>		Size, Fine, Position	Contrast	Black level	Time	SIMPLE	O	X	X	1 second	FULL	O	O	X	1.5 seconds	DETAIL	O	O	O	5 seconds
	Size, Fine, Position	Contrast	Black level	Time																	
SIMPLE	O	X	X	1 second																	
FULL	O	O	X	1.5 seconds																	
DETAIL	O	O	O	5 seconds																	

Tag	Menu title	Explanation
Tag3	A-NTAA SW (analog only)	<p>The Advanced No Touch Auto Adjust function is able to recognize new signals even when neither the resolution nor the refresh rate has changed. If several PCs are connected to the monitor, and each transmit very similar (or even the same) signals in terms of resolution and refresh rates, the monitor recognizes that there is a new signal and automatically optimizes the picture without the need for any action on the part of the user.</p> <p>OFF: A-NTAA is disabled.</p> <p>ON: If a change in signal is detected A-NTAA will adjust the monitor to the optimal settings for the new signal. If no change in the signal is detected then A-NTAA does not activate. The screen will be blank while the monitor optimizes the signal.</p>
Tag4	H. Position	Controls Horizontal Image Position within the display area of the LCD. Press LEFT or RIGHT to adjust.
	V. Position	Controls Vertical Image Position within the display area of the LCD. Press LEFT or RIGHT to adjust.

Tag	Menu title	Explanation
Tag4	H. Size (Analog input only)	Adjusts the horizontal size of the screen. If the “AUTO Adjust function” do not give you a satisfactory picture setting, a further tuning can be performed using the “H.Size (V.Size)” function (dot clock). For this 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 (V.Size) is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.
	Fine (Analog input only)	Improve 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. For this a Moiré test pattern could be used. If the Fine value is wrongly calibrated, the result would look like on the left drawing. The image should be homogeneous.
	Auto Fine (Analog input only)	This function automatically and periodically adjusts the FINE setting for change in signal condition. This function adjusts approximately every 33 minutes or when a change in signal timing is detected.
	H. Resolution	Adjusts the horizontal size by increasing or decreasing the setting. Press RIGHT button to expand the width of the image on the screen. Press LEFT button to narrow the width of the image on the screen.
	V. Resolution	Adjusts the vertical size by increasing or decreasing the setting. Press RIGHT button to expand the height of the image on the screen. Press LEFT button to narrow the height of the image on the screen.
	Expansion	Sets the zoom method. FULL: The image is expanded to 1920 x 1200 regardless of the resolution. ASPECT: The image is expanded without changing the aspect ratio. OFF: The image is not expanded. CUSTOM: When CUSTOM is selected as the Expansion mode, it becomes possible to adjust the H. ZOOM., V. ZOOM, and ZOOM POS.
	H.ZOOM (Available in Expansion mode only)	The image is expanded from 1 to 3 times in the horizontal (H. EXPANSION) direction by 0.01 increments.
	V.ZOOM (Available in Expansion mode only)	The image is expanded from 1 to 3 times in the vertical (V. EXPANSION) direction by 0.01 increments.

Tag	Menu title	Explanation
Tag4	ZOOM POS. (Available in Expansion mode only)	<p>Sets the point from which the screen will be expanded when either H.ZOOM or V.ZOOM is Custom selected as the expansion method. Options are CENTER and LEFT TOP.</p> <p>CENTER: H.ZOOM expands the image from the centre outward to the sides of the screen.</p> <p>V.ZOOM expands the image from the centre towards the top and bottom of the screen.</p> <p>LEFT TOP: Indicates the set point for image expansion (TOP in V. Zoom, LEFT in H.ZOOM). If the resolution does not fill out the screen, when expanding, the image will not expand past the TOP or the LEFT of the screen. The image can be expanded past the right and bottom edges of the screen.</p>
Tag5	Gamma Selection	<p>Allows you to manually select the brightness level of grayscale. There are five selections: NO CORRECTION, 2.2, OPTION, PROGRAMMABLE and CUSTOM.</p> <p>NO CORRECTION: No Correction possible.</p> <p>2.2: The value is fixed at 2.2.</p> <p>OPTION: There are two ways of OPTION selection.</p> <p>1: This setting is recommended for Video source. Gray area looks much brighter than NO CORRECTION setting.</p> <p>2: The value near DICOM gamma is set up in a factory and the luminosity difference between gradations is changing into the legible state.</p> <p>PROGRAMMABLE: The brightness of grayscale can be changed to your preference using blue eye pro software.</p> <p>CUSTOM: Below items can be adjusted when CUSTOM is selected as the GAMMA SELECTION setting.</p> <p>Custom Value: The gamma value is selected from the rate of 0.5 to 4.0 by 0.1 steps. When the COLOR CONTROL is sRGB, the value is fixed at 2.2 and NOT ADJUSTABLE.</p> <p>Offset: The OFFSET digitally adjusts the black level after the signal is converted from analog to digital.</p>

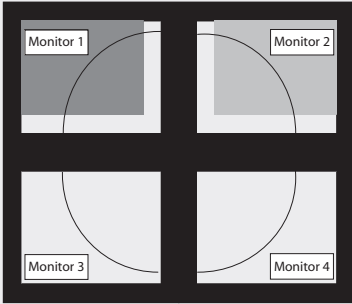
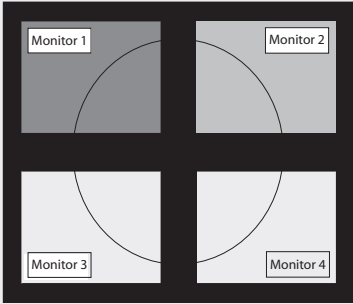
Tag	Menu title	Explanation
Tag6	Color Control	<p>Colour Control Systems: Seven preset color settings.</p> <p>For preset settings 1, 2, 3 and 5, the following levels can be adjusted:</p> <p>TEMPERATURE: Adjust the white temperature by increasing or decreasing this setting. A lower colour temperature will make the screen reddish and a higher colour temperature will make the screen bluish.</p> <p>WHITE (White Balance): If TEMPERATURE needs further adjustment; the individual R/ G/ B/ levels of the white point can be adjusted. To adjust the R/G/ B levels, CUSTOM must be showing as the TEMPERATURE selection.</p> <p>HUE: Adjusts the hue of each colour*1. The change in colour will appear on screen and the menu colour bars will show the amount of adjustment.</p> <p>SATURATION: Adjusts the colour depth of each colour*1. Press the “RIGHT” button and the colour vividness increases.</p> <p>OFFSET: Adjusts the colour brightness of each colour*1. Press “RIGHT” button and the colour Brightness increases.</p> <p>*1: RED, YELLOW, GREEN, CYAN, BLUE and MAGENTA.</p> <p>NATIVE, sRGB: Original colour presented by the LCD panel that is unadjustable.</p> <p>PROGRAMMABLE: The colour tone that was set up with the downloaded application software is reflected.</p>
Tag7	Sharpness	<p>This is a digital capability for keeping a crisp image at all signal timings. It continuously adjusts to maintain a distinct or soft image as you prefer, and is set independently according to different timings. Press LEFT or RIGHT to adjust.</p>
	DVI Selection	<p>This function selects the DVI input mode. When the DVI selection has been changed, you must restart your computer. Press LEFT or RIGHT to select.</p> <p>AUTO: By using the DVI-D to DVI-D cable, the DVI SECTION is DIGITAL.</p> <p>By using the D-SUB to DVI-A cable, the DVI SECTION is ANALOG.</p> <p>DIGITAL: DVI digital input is available.</p> <p>ANALOG: DVI analog input is available.</p>
	HDCP Content (Digital Input Only)	<p>Selects the type of input to be used with HDCP CONTENT.</p> <p>OFF: When a PC or other computer equipment is connected, select “OFF”.</p> <p>ON: When a DVD player or other type of high definition device is connected, select “ON”.</p> <p>NOTE: Interlaced signals (480i, 576i, 1080i) are not supported.</p>

Tag	Menu title	Explanation
Tag7	Video Detect	<p>Selects the method of video detection when more than one computer is connected.</p> <p>Press LEFT or RIGHT to select.</p> <p>FIRST: The video input has to be switched to FIRST mode. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then 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.</p> <p>LAST: The video input has to be switched to the LAST mode. When the monitor is displaying a signal from the current source and a new secondary source is supplied to the monitor, then the monitor will automatically switch to the new video source. When current video input signal is not present, then the monitor searches for a video signal from the other video input port. If the video signal is present in the other port, then the monitor switches the video source input port to the new found video source automatically.</p> <p>NONE: The Monitor will not search the other video input port unless the monitor is turned on.</p>
	Off Timer	<p>Monitor will automatically turn off after the preset time period from power on with the ON/OFF function. When you select ON, press SELECT and LEFT or RIGHT to adjust. Before powering off, a message will appear on the screen asking the user if they want to delay the turn off time by 60 minutes. Press any OSD button to delay the turn off time.</p>
	Power Manager	<p>The Power Manager allows the monitor to enter into a power saving mode after (Manager) a period of inactivity. The Power Manager has three settings.</p> <p>OFF: Monitor does not go into power save mode when the input signal is lost.</p> <p>STANDARD: Monitor enters power save mode automatically when the input signal is lost.</p> <p>OPTION: Monitor enters power save mode automatically when the amount of surrounding light goes below the level that is determined by the user.</p>
	Power Manager Adjust	<p>Adjusts the luminance value for Power Manager.</p>
	Over Speed	<p>Turns the OVER SPEED function on or off. Over Speed may reduce blurring that occurs in some moving images. When Over Speed is on, response time is lower.</p>
	Side Border Color	<p>Adjusts the side black bars color between black and white. For wide aspect monitors.</p>
	LED Brightness	<p>Controls the brightness of the LED on the monitor.</p>

Tag	Menu title	Explanation
Tag7	Uniformity	<p>This function electronically compensates for the slight variations in the white uniformity level as well as for deviations in color that may occur throughout the display area of the screen. These variations are characteristic of LCD panel technology. This function improves the color and evens out the luminance uniformity of the display.</p> <p>NOTE: Using the UNIFORMITY feature does reduce the overall peak luminance of the display. If greater luminance is desired over the uniform performance of the display, then UNIFORMITY should be turned off.</p>
	Uniformity Level	Select the level for UNIFORMITY adjustments.
Tag8	Language	OSD control menus are available in eight languages. Press LEFT or RIGHT to select.
	OSD H. Position	You can choose where you would like the OSD control image to appear on your screen. Selecting OSD Location allows you to manually adjust the position of the OSD control menu left or right.
	OSD V. Position	You can choose where you would like the OSD control image to appear on your screen. Selecting OSD Location allows you to manually adjust the position of the OSD control menu up or down.
	OSD Turn off	The OSD control menu will stay on as long as it is use. In the OSD Turn Off submenu, you can select how long the monitor waits after the last touch of a button to shut off the OSD control menu. The preset choices are 10-120 seconds by 5 seconds step.
	Signal Information	Signal information can be displayed in the corner of the screen. Signal information is either ON or OFF”.
	Resolution Notifier	The optimal resolution is 1920 x 1200. If ON is selected, a message will appear on the screen after 30 seconds, notifying you that the resolution is not set to 1920 x 1200. Press LEFT or RIGHT to select.
	Hot Key	When this function is activated; the brightness and contrast of the monitor can be adjusted without entering the OSD menu by using the front buttons. The LEFT or RIGHT buttons adjust the brightness level. The DOWN or UP buttons adjust the contrast level.
	Factory Preset	Selecting Factory Preset allows you to reset all OSD control settings back to the factory settings. Highlighting the control to be reset and pressing the RESET button can reset individual settings.

Tag	Menu title	Explanation
Tag8	OSD Lock Out	<p>This control completely locks out access to all OSD control functions. When attempting to activate OSD controls while in the Lock Out mode, a screen will appear indicating the OSD controls are locked out. There are three types of OSD LOCK OUT:</p> <p>OSD LOCK OUT with BRIGHTNESS and CONTRAST control: To activate the OSD Lock Out function, press SELECT, then UP button and hold down simultaneously. To deactivate the OSD Lock Out, press SELECT, then UP button and hold down simultaneously while in the OSD menu. BRIGHTNESS and CONTRAST can be adjusted while in the lock out mode.</p> <p>OSD LOCK OUT with no control: To activate the OSD Lock Out function, press SELECT, then RIGHT button and hold down simultaneously. To deactivate the OSD Lock Out, press SELECT, then RIGHT button and hold down simultaneously while in the OSD menu. No controls can be adjusted while in the lock out mode.</p> <p>OSD LOCK OUT with BRIGHTNESS (only) control: To activate the OSD Lock Out function, press SELECT, then DOWN and LEFT buttons and hold down simultaneously. To deactivate the OSD Lock Out, press SELECT, then DOWN and LEFT buttons and hold down simultaneously while in the OSD menu. BRIGHTNESS can be adjusted while in the lock out mode.</p> <p>CUSTOM: Press RESET and EXIT to enter the CUSTOM Menu. Select ENABLE or DISABLE for POWER KEY, INPUT SEL, HOT KEY, BRIGHTNESS/CONTRAST, WARNING, RESOLUTION NOTIFIER/OSD LOCK OUT. To Deactivate the OSD Lock Out function, press RESET and EXIT to bring up the LOCK OUT warning. Press SELECT, SELECT, <, >, <, >, EXIT.</p>
Tag9	OSD Rotation	<p>AUTO: The OSD rotates automatically when the monitor is rotated. OSD ROTATION is set to AUTO by default.</p> <p>MANUAL: To rotate the OSD, press the ROTATE OSD button when the OSD is not showing.</p>
	Image Rotation	<p>AUTO: The display image automatically rotates according to the orientation of the OSD. If AUTO is selected in the OSD ROTATION menu, the display image rotates according to the orientation of the monitor.</p> <p>OFF: The display image is not rotated. IMAGE ROTATION is set to OFF by default.</p> <p>ON: The display image always rotated.</p>
	Portrait Warning	<p>When the monitor is used in the portrait position, the brightness value will be reduced to 300 cd/m² maximum. If the Portrait Warning is ON, a message will appear on the screen for 10 seconds.</p>
	DDC/CI	<p>DDC/CI ENABLE/DISABLE: Turns on or off the two way communication and control of the monitor.</p>

Tag	Menu title	Explanation
Tag9	Screen Saver	<p>Use the SCREEN SAVER to reduce the risk of image persistence.</p> <p>MOTION (Default OFF): Screen image moves periodically in 4 directions in order to reduce the risk of image retention. Timing for MOTION can be set so the screen image moves in intervals from every 10 to 900 seconds. Timing is set in 10-second increments.</p> <p>OPTION (Default REDUCED): There are two optional selections.</p> <p>REDUCED: Screen image is reduced to 95% size and is moved periodically in 4 directions. Screen may appear slightly less sharp than normal. The full image appears on the display.</p> <p>FULL: Screen image is set to FULL and is moved periodically in 4 directions. Screen image goes outside of the display area in the direction that it shifts so that a portion of the image may appear to be cut off.</p> <p>GAMMA (Default OFF): When OFF, the GAMMA selection that the display uses is the same as the GAMMA selection in Tag5.</p> <p>When ON is selected, the GAMMA curve (except PROGRAMMABLE) becomes narrow, reducing the contrast and cutting down the risk of image retention.</p> <p>NOTE: SCREEN SAVER does not function when the TILING function is enabled.</p>
	Input Setting	<p>Video Band Width (Analog input only): It is used when the unnecessary noise from computer appears on a screen. It is strong ineffective, so that a number becomes small. Press LEFT or RIGHT to select.</p> <p>Sync Threshold (Analog input only): Adjusts the slice level of a synchronization signal. Press SELECT to move the adjustment menu. Adjusts the sensitivity of the separate or composite input signals. Try this option if the FINE adjustment does not successfully eliminate the noise.</p> <p>SOG Threshold (Analog input only): Adjusts the sensitivity of the Sync On Green input signals. Adjusts the slice level when separating synchronization from sync On Green signal input. Press LEFT or RIGHT to select.</p> <p>CLAMP POSITION: Operating your monitor at a non-standard timing may cause images to appear darker than normal or have color distortion. Use of the CLAMP POSITION control will adjust images to their normal state.</p>

Tag	Menu title	Explanation
TagA	Tiling	<p>Tiling demonstrates multiple screens. This feature provides a single large screen using up to 25 monitors. It will be able to divide up to 5 each H and V. This requires you to feed the PC output into each of the monitors through a distributor.</p> <p>ENABLE: Select "ON", the monitor will expand the selected position.</p> <p>H MONITORS: Select number of horizontal divide.</p> <p>V MONITORS: Select number of vertical divide.</p> <p>MONITOR NO: Select a position to expand the screen.</p> <p>Frame Cut: Works in tandem with Tiling to compensate for the width of the tile bezels in order to accurately display the image.</p> <p>Frame cut with 4 monitors (black area shows monitor frames):</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Frame cut OFF</p> </div> <div style="text-align: center;">  <p>Frame cut ON</p> </div> </div>
TagB	Information	<p>Provides information about the current display resolution Technical data, including the preset timing currently being used and the horizontal and vertical frequencies is also displayed.</p>

4.10. Using the Auto Brightness Function

The brightness of the LCD screen can be set to increase or decrease depending on the amount of ambient light in the room. If the room is bright, the monitor becomes correspondingly bright. If the room is dim, then the monitor will dim accordingly. The purpose of this function is to make the viewing experience more comfortable to the eye in a variety of lighting conditions.

The Auto Brightness function is set to OFF by default. When Autoluminance is ON, this function is disabled.

■ Setup: Select the brightness range

Use the following procedure to select the Brightness Range that the monitor will use when the Auto Brightness function is activated.

1. Set the BRIGHT level. This is the brightness level that the monitor will go up to when the ambient light level is highest. Make sure the room is at its brightest when setting this level.

Select “1” in the AUTO BRIGHTNESS menu (Figure A). Then use the front buttons to move the cursor up to the BRIGHTNESS setting. Choose the desired brightness level (Figure B).

2. Set the DARK level. This is the level of brightness that the monitor will go down to when the ambient light level is low. Make sure the room is at its darkest when setting this level.

Then use the front buttons to move the cursor up to the BRIGHTNESS setting. Choose the desired brightness level (Figure C).

IMPORTANT INFO: To access the Auto brightness function, you must first access the Advanced OSD mode. See page 26 for details.

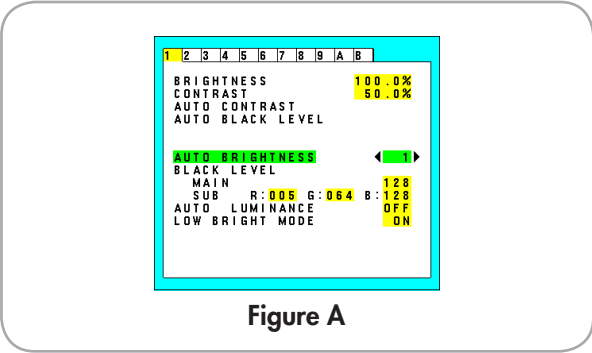


Figure A

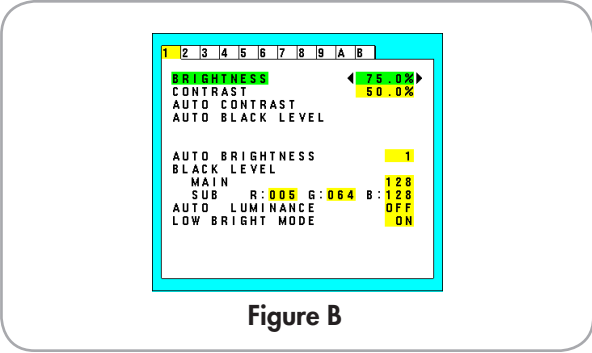


Figure B

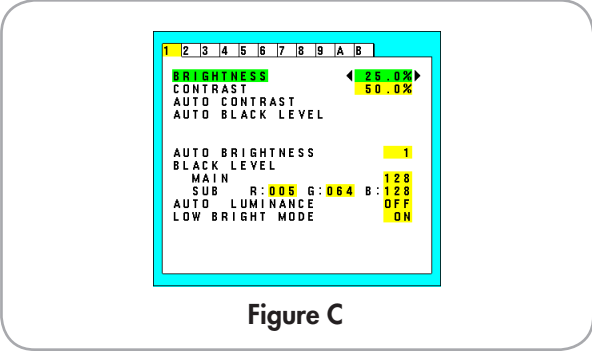


Figure C

When the AUTO BRIGHTNESS function is enabled the Brightness level of the screen changes automatically according to the lighting conditions of the room (Figure D).

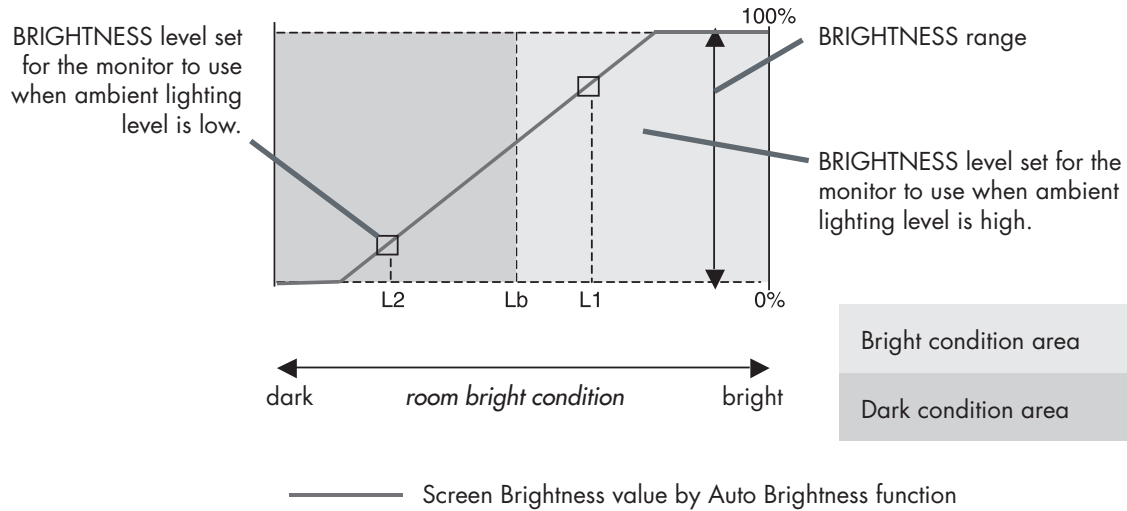


Figure D

L_b = Border between bright and dim lighting conditions; set at factory

L_1 = BRIGHTNESS level set for the monitor to use when ambient lighting level is high ($L_1 > L_b$)

L_2 = BRIGHTNESS level set for the monitor to use when ambient lighting level is low ($L_2 < L_b$)

L_1 and L_2 = Brightness levels set by the user to compensate for changes in ambient lighting

5. Troubleshooting

In the event that your LaCie 500 Series LCD Monitor is not working correctly, please refer to the following checklist to find out where the problem is coming from. If you have gone through all of the points on the checklist and your monitor is still not working correctly, please have a look at the FAQs that are regularly published on our website – www.lacie.com.

One of these FAQs may provide an answer to your specific question. If you need further assistance, please contact your LaCie reseller or LaCie Technical Support (see page 43, [Contacting Customer Support](#) for details).

■ Manual Updates

LaCie is constantly striving to give you the most up-to-date, comprehensive User’s Manuals available on the market. It is our goal to provide you with a friendly, easy-to-use format that will help you quickly install and utilize the many functions of your new device.

If your manual does not reflect the configurations of the product that you purchased, please check our website for the most current version available.

Problem	Solution
No picture.	<ul style="list-style-type: none"> ❖ The signal cable should be completely connected to the display card/computer. ❖ The display card should be completely seated in its slot. ❖ Check the Vacation Switch should be in the ON position. ❖ Front Power Switch and computer power switch should be in the ON position. ❖ 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.) ❖ Check the monitor and your display card with respect to compatibility and recommended settings. ❖ Ensure the DVI input mode is set to DIGITAL when the MAC digital output is connected to the DVI-I connector. ❖ Check the signal cable connector for bent or pushed-in pins. ❖ Check the signal input, “DVI-D, DVI-I or DSub”. ❖ When using a DVD player or any other type of high-definition device, please do not use interlaced signals. If the monitor detects an interlaced signal, an OSD warning will appear. If this OSD warning appears, please do the following: press the RESET and EXIT buttons simultaneously, to temporarily show the image coming from the high-definition device. While the image is visible, change the signal of the device from interlaced to progressive (non-interlaced). Consult the User’s Manual included with the device for detailed information on changing the signal from interlaced to progressive.
Power Button does not respond.	<ul style="list-style-type: none"> ❖ Unplug the power cord of the monitor from the AC outlet to turn off and reset the monitor. ❖ Check the Vacation Switch on the left side of the monitor.

Problem	Solution
LED on monitor is not lit.	Power Switch should be in the ON position and power cord should be connected.
Image persistence.	<p>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.</p> <p>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.</p>
Message OUT OF RANGE is displayed (screen is either blank or shows rough images only).	<ul style="list-style-type: none"> ❖ Image is displayed only roughly (pixels are missing) and OSD warning OUT OF RANGE is displayed: Either signal clock or resolution is too high. Choose one of the supported modes. ❖ OSD warning OUT OF RANGE is displayed on a blank screen: Signal frequency is out of range. Choose one of the supported modes.
Image is unstable or unfocused.	<ul style="list-style-type: none"> ❖ Signal cable should be completely attached to the computer. ❖ Use the OSD Image Adjust controls to focus and adjust display by increasing or decreasing the fine total. When the display mode is changed, the OSD Image Adjust settings may need to be readjusted. ❖ Check the monitor and your display card with respect to compatibility and recommended signal timings. ❖ If your text is garbled, change the video mode to non-interlace and use 60Hz refresh rate. ❖ 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. <p>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.</p>
Display image is not sized properly.	<ul style="list-style-type: none"> ❖ Use the OSD Image Adjust controls to increase or decrease the Coarse total. ❖ 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.)
No Video.	<ul style="list-style-type: none"> ❖ If no video is present on the screen, turn the Power button off and on again. ❖ Make certain the computer is not in a power-saving mode (touch the keyboard or mouse).

6. Contacting Customer Support

■ Before You Contact Technical Support

Read the User Manual and review the Troubleshooting section.

If your question is related to monitor calibration, please refer to the Troubleshooting section of the LaCie blue eye pro User Manual. Launch the LaCie blue eye pro application and in the “About” section verify that your monitor is plugged in via the DVI connection. Then perform a monitor Calibration Report and send it

via email to Tech Support along with your question.

If you have asked yourself all of the pertinent questions in the troubleshooting checklist, and you still can't get your LaCie monitor to work properly, contact us via the contacts on page 44. Before contacting us, make sure that you are in front of your computer and that you have the following information on hand:

■ Information to Include in Email Correspondence

Information	Where to Find Information
1. LaCie 500 Series serial number	Located on a sticker at the back of monitor or via the OSD “Information” menu (see page 25).
2. Macintosh/PC model	<p>Mac users: Click on the Apple icon in the menu bar and select About this Mac.</p> <p>Windows users: Right click My Computer and select Properties > General.</p>
3. Operating system version	
4. Processor speed	
5. Computer memory	<p>Mac users: Click on the Apple icon in the finder bar and select About this Mac. Select More Info... The Apple System Profiler will launch and will list your internal and external peripherals.</p> <p>Windows users: Right click My Computer and select Properties > Hardware.</p>
6. The brands and models of other internal and external peripherals installed on my computer	

6.1. LaCie Technical Support Contacts

LaCie Asia, Singapore, and Hong Kong Contact us at: http://www.lacie.com/asia/contact/	LaCie Australia Contact us at: http://www.lacie.com/au/contact/
LaCie Belgium Contact us at: http://www.lacie.com/be/contact/ (Français)	LaCie Canada Contact us at: http://www.lacie.com/caen/contact/ (English)
LaCie Denmark Contact us at: http://www.lacie.com/dk/contact	LaCie Finland Contact us at: http://www.lacie.com/fi/contact/
LaCie France Contact us at: http://www.lacie.com/fr/contact/	LaCie Germany Contact us at: http://www.lacie.com/de/contact/
LaCie Italy Contact us at: http://www.lacie.com/it/contact/	LaCie Japan Contact us at: http://www.lacie.com/jp/contact/
LaCie Netherlands Contact us at: http://www.lacie.com/nl/contact/	LaCie Norway Contact us at: http://www.lacie.com/no/contact/
LaCie Spain Contact us at: http://www.lacie.com/es/contact/	LaCie Sweden Contact us at: http://www.lacie.com/se/contact
LaCie Switzerland Contact us at: http://www.lacie.com/chfr/contact/ (Français)	LaCie United Kingdom Contact us at: http://www.lacie.com/uk/support/request/
LaCie Ireland Contact us at: http://www.lacie.com/ie/contact/	LaCie USA Contact us at: http://www.lacie.com/contact/
LaCie International Contact us at: http://www.lacie.com/intl/contact/	

7. Warranty Information

LaCie warrants your monitor against any defect in material and workmanship, under normal use, for the period designated on your warranty certificate. In the event this product is found to be defective within the warranty period, LaCie will, at its option, repair or replace the defective drive. This warranty is void if:

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

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 monitors 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