

17 INCH LCD COLOR MONITOR



OPERATING INSTRUCTIONS

Copyright © 2002

All rights reserved.

This manual is protected by Copyright.

The Copyright is owned by **Medion**®.

Trademarks:

MS-DOS® and **Windows**® are registered trademarks of **Microsoft**®.

Pentium® is a registered trademark of **Intel**®.

Other trademarks are the property of their respective owners.

Medion® makes no warranty of any kind with regard to this material, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

Medion® shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Medion® assumes no responsibility for the use or reliability of its software on equipment that is not furnished by **Medion**®.

This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be photocopied, reproduced, or translated to another language without the prior written consent of **Medion**®.

The information in this document is subject to change without notice.

Contents:

SAFETY AND SERVICE	1
Operating Safety	1
Repair	2
Notes for Service Engineers	2
Point of use	2
Environmental conditions	3
Connecting	3
Standards/Electro-Magnetic Compatibility	4
PRECAUTIONS	6
Important Additional Safety Instructions	6
FCC Compliance Statement	7
Positioning the Monitor	8
INTRODUCTION	9
Notes on these instructions	9
Quality	9
Service	9
Our Target Group	9
Included Equipment	10
Performance Characteristics	10
START-UP	11
Preparations on Your Computer	11
Supported Monitor Settings	11
Display Properties	12
Fixing the monitor stand	13
Connecting	14
Connecting the Power Supply	14
CONNECTIONS AND CONTROLS	15

SETTING THE LCD MONITOR	16
OSD Menu (On screen display)	16
Adjustment Options.....	16
Brightness & Contrast Adjustment	16
Tracking Adjustment	17
Position Adjustment	17
Color Adjustment.....	18
Other	18
SERVICE.....	19
Troubleshooting	19
Finding the Cause	19
Troubleshooting.....	19
Do you require additional Support ?	21
Guarantee.....	22
Liability limitations	23
Copying this manual	23
SPECIFICATIONS	24

SAFETY AND SERVICE

Please read this section carefully and follow the instructions given. In this way you will guarantee reliable operation and a long service life for your LCD monitor. Always keep these instructions handy in the vicinity of the your LCD monitor. Keep the instructions and if you sell or give away your LCD monitor give them to the new owner.

OPERATING SAFETY



- **Never open the housing** of the LCD monitor/power supply! This could lead to an electrical short circuit or even a fire.
- Never insert **any objects** through the slits and openings **into the inside of the LCD**. This could lead to an electrical short-circuit or even a fire, which could damage your LCD monitor.
- Slits and openings in the LCD monitor serve for ventilation. **Never cover these openings**, otherwise the monitor could overheat.
- **Never allow children to play with electrical equipment without supervision.** Children cannot always correctly recognize possible hazards.
- This LCD monitor is intended for personal use only. It is **not** intended for commercial use in a **heavy industry environment**.
- An **injury hazard** exists when the **display breaks**. Wear protective gloves to pack the broken parts and send them into your service center for proper **disposal**. Then wash your hands with soap, because it is possible for **chemicals** to escape.
- Never exert pressure on the display. This could break the monitor.
- Do not touch the display with your fingers or with sharp objects to avoid damage.

Contact the **service department** when:

- ◆ The power cable/power supply overheats or is damaged
- ◆ Liquid has gotten into the monitor
- ◆ The LCD monitor is dropped or the housing's damaged
- ◆ The LCD monitor does not operate properly

REPAIR

- Have your LCD monitor **repaired only by authorized qualified personnel.**
- If repair is necessary please contact only our authorized **service dealers.**

NOTES FOR SERVICE ENGINEERS

- Before opening the housing, **disconnect the monitor from all power sources and remove any connecting cables.** If the monitor has not been disconnected from the power outlet before being opened, there is a **danger to life** through electric shock. There is also a risk of damage to the components.
- Internal components of the monitor may be damaged by **electrostatic discharge** (ESD). Carry out system upgrades and changes in an **ESD-protected workshop.** If no such workshop is available, wear an **antistatic wrist strap** or touch a highly conductive metal object. We can repair damage sustained by inappropriate handling for a fee.
- Use only **original spare parts.**

POINT OF USE

- Keep your LCD monitor and all connected equipment away from **moisture** and avoid **dust, heat** and direct **sun light.** Failure to observe these instructions can lead to malfunctions or damage to the LCD monitor.
- Always place and operate all components on **a stable, level and vibration-free surface** to prevent the LCD monitor from falling.

- **Avoid dazzle, reflections, extreme light/dark contrast** in order to save your eyes and ensure a pleasant, ergonomic work station.
- Take **regular breaks** when working with your LCD monitor in order to avoid tension and fatigue.

ENVIRONMENTAL CONDITIONS

- The LCD monitor can be operated at ambient temperatures from 41° F to 95° F (5° C to 35° C) and at a relative humidity from 20 up to 80% (non-condensing).
- When switched off the LCD monitor can be stored at temperatures of -4° F to 140° F (-20° C to 60° C).
- After transporting your LCD monitor wait until it has assumed the ambient temperature before connecting and switching it on. Extremely high variations in the **temperature or humidity** can result in condensation forming on the inside of the LCD monitor which could cause an **electrical short-circuit**.

CONNECTING

Observe the following instructions to connect your LCD monitor properly:

POWER SUPPLY



- Do not open the housing on the power supply. An open housing presents a **lethal hazard** from electrical shock. There are no parts inside to be cleaned or serviced.
- Operate your LCD monitor power supply only on grounded sockets with **AC 100-240V~/ 50-60 Hz**. If you are not sure about the power supply at your location, check with your power company.
- Use only the power supply and power connection cable **provided** according to IEC60950 (EN60950).
- Place the power supply **on the ground** to avoid that it falls from your working places and damages your display.

- For additional safety we recommend use of **an excessive voltage protection device** to protect your LCD monitor from damage resulting from **voltage surges** or **lightning**.
- To interrupt the power supply to your monitor disconnect the plug from the socket.
- The **socket** should be located in the vicinity of your LCD monitor where it is **easy to reach**.
- If you use an **extension cable**, ensure that it fulfills the **VDE requirements**. If applicable please consult your electrician.
- Lay the cable so that no one can trip or step on it.
- **Do not place any objects on the cable** to ensure that it is not damaged.
- You can adjust your LCD monitor a **maximum of 20° to the back** in the horizontal direction and a **maximal of 5°** to the front. If you attempt to go beyond these points with force, the **danger of damage** exists.

STANDARDS/ELECTRO-MAGNETIC COMPATIBILITY

Your LCD monitor fulfils the requirements for electro-magnetic compatibility and electrical safety specified in the following standards:

EN 55022 – EN 55024 – EN 60950 – EN 61000-3-2 – EN 61000-3-3

UL60950 / CAN CSA 22.2 No 60950, FCC

- When connecting ensure that *Guidelines for Electro-Magnetic Compatibility (EMC)* are observed.
- Provide an interval of at least one meter from **high-frequency and magnetic sources of interference** (television sets, loudspeakers, mobile telephones, etc.) in order to avoid malfunctions.

ERGONOMICS

- This monitor complies with all relevant regulations such as DIN EN ISO 9241-3, DIN EN ISO 9241-7 and DIN EN ISO 9241-8.
- For ergonomic reasons we suggest not to use the base-color blue on dark subfonds. This would cause bad readability and would increase eye strain.
- While working with screens you should **take breaks periodically** to avoid tension and fatigue.
- In order to save your eyes and to assure a convenient working area you should **avoid glare, reflections** and **strong contrasts** on the screen.

ELECTRICAL SAFETY

EN 60950

Safety of information technology equipment.

- The connection of devices is limited to equipment that complies with EN60950 "Safety of information technology equipment" or EN60065 "Audio, video and similar electronic apparatus. Safety requirements"
- For U.S. / Canadian purposes:
The PC should only be connected to equipment which complies with UL 60950 / CAN CSA 22.2 No 60950

TRANSPORT AND RECYCLING

- Keep the original packaging and use it to protect the monitor during transport or storage.
- Packing materials and product are recyclable.

PRECAUTIONS

- **Warning!** There are no user-serviceable or user-cleanable parts inside the Monitor housing.

You can increase the service life of your monitor by observing the following precautions:

- Before cleaning **always disconnect the power line** and all connection cables.
- Do **not use any solvents**, caustic or gaseous cleaning agents.
- Clean the display with a soft, lint-free cloth.
- Ensure that no water droplets remain on the screen. Water can cause **permanent discoloration**.
- Do not expose the screen to **bright sunlight** or **ultraviolet radiation**.

IMPORTANT ADDITIONAL SAFETY INSTRUCTIONS

When using any electronic equipment, basic safety precautions should always be taken. Following the guidelines below can reduce the risk of fire, electric shock and injury to person:

- Do not use this product near water (e.g., near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool).
- Avoid using a telephone/modem (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone/modem to report a gas leak in the vicinity of the leak.
- Use only the power cord indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
- Keep batteries away from children at all times.

FCC COMPLIANCE STATEMENT

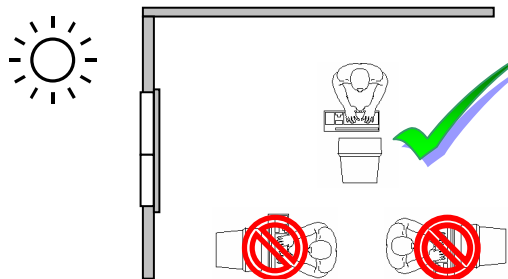
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

POSITIONING THE MONITOR

Ensure that the monitor is set up in such a way that reflections, glare and light/darkness contrast are avoided (no matter how attractive the look out of the windows might be).



- Hand rest: 2" – 4"
- Top line of screen at eye level or slightly below
- Viewing distance: 20" – 27.5"
- Legroom (vertical): minimum 25.5"
- Legroom (horizontal): minimum 23.6"



INTRODUCTION

NOTES ON THESE INSTRUCTIONS

We have arranged these instructions so that you can quickly find the subject related information in the table of contents. An index is located at the end of this manual.

The purpose of these instructions is to help you operate your monitor safely, quickly and easily.

QUALITY

We focused on great features, ease of use, safety and reliability in manufacturing our monitor. The balanced hardware and software concept offer you an advanced LCD display design which will provide you an great deal of pleasure for your work and recreation.

SERVICE

Service and support will be available every time you use your new monitor. Contact us, we will be glad to help.

This manual contains a separate chapter on the subject of service beginning on page 19.

OUR TARGET GROUP

Thank you for purchasing our LCD color monitor. We thank you for your confidence in our Products and are pleased to greet you as a new customer. These instructions are intended for initial users as well as advanced users. Regardless of the possible professional utilization, this LCD display is intended for private use only.

INCLUDED EQUIPMENT

Please check the set for completeness. Notify us within 14 days after purchase if the set is not complete. With your LCD monitor you receive:

- 1- LCD monitor with connection cable
- 2 – Hexagonal screws with appropriate hexagonal screwdriver
- 1- Power pack
- 1- Line power cable
- 1- Operating instructions
- 1- Guarantee card

PERFORMANCE CHARACTERISTICS

Advantages in relation to cathode ray tubes

- Less space required
- Lower weight
- Power savings

High image quality

- SXGA standard: resolution up to 1280 x 1024
- Full image for all resolutions
- Over 16 million colors (simulated)
- High contrast ratio

Further features

- The LCD monitor is a plug and play device which is automatically recognized by operating system capable of plug 'n' play.
- The power management fulfills the VESA DPMS standard. During idle times (OFF mode) the power consumption is automatically reduced by up to 95 %.
- Extended connections
- Integrated amplifier with speaker boxes (optional)

START-UP

➤ Before start-up always read the chapter „**Safety and Service**“ on page 1ff.

PREPARATIONS ON YOUR COMPUTER

If you have operated your computer previously with a CRT monitor, it will be necessary for you to make a view preparations. This is required when your previous monitor was operated with settings which are not supported by your new LCD monitor.

SUPPORTED MONITOR SETTINGS

Mode	Resolution	Horizontal frequency (kHz)	Vertical frequency (Hz)
VESA	648 × 480	31.47kHz	59.9Hz
VESA	640 × 480	37.86kHz	72.8Hz
VESA	640 × 480	37.50kHz	75Hz
VESA	720 × 400	31.47kHz	70.08Hz
VESA	800 × 600	35.156kHz	56.25Hz
VESA	1024 × 768	37.879kHz	60.317Hz
VESA	800 × 600	35.156kHz	56.25Hz
VESA	800 × 600	37.879kHz	60.317Hz
VESA	800 × 600	48.077kHz	72.188Hz
VESA	800 × 600	46.875kHz	75Hz
VESA	1024 × 768	48.363kHz	60Hz
VESA	1024 × 768	56.18kHz	69.96Hz
VESA	1024 × 768*	60.023kHz	75.02Hz
VESA	1280 × 1024	63.981kHz	60.02Hz
VESA	1280 × 1024	79.976kHz	75.02Hz

* Recommended mode.

With Windows 9X/ME/NT/2000/XP check your video card settings under **„Display Properties“**.

DISPLAY PROPERTIES

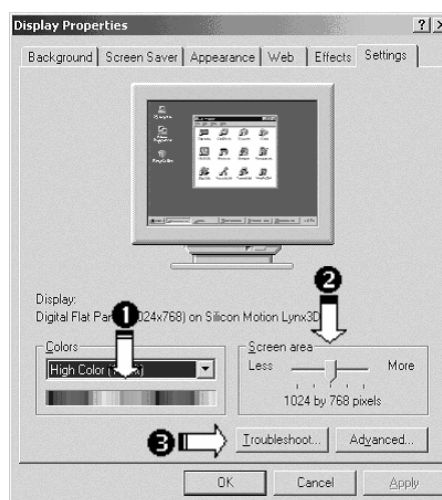
This Windows program offers you the capability of adapting the display to your monitor. This includes items such as the background image, the screen saver, the Active Desktop (Web) as well as other settings for your monitor and video card.

The program can be started as follows:

- Right mouse click on Windows desk top and left mouse click on **"Properties"**.

Or

- Start the **"Display"** program in **"System control"**



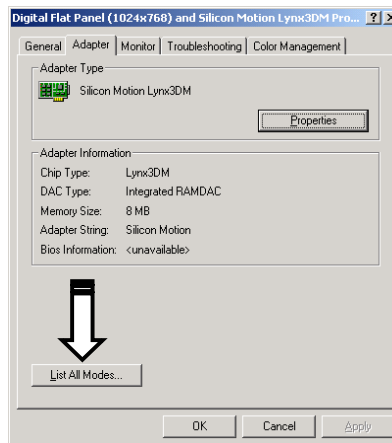
(Display similar)

Then click **"Colors"** (❶) to set the color depth (number of colors displayed). Your LCD monitor supports a maximum color depth of 16 million colors corresponding to 32 bit or "True Color".

The resolution can be set under **"Screen area"** (❷). Your LCD monitor can display a maximum of 1024 x 768 image dots.

The image repeat frequency can be set under **"Other options"** (❸). A window with the characteristics of your video card appears depending on the configuration of your computer.

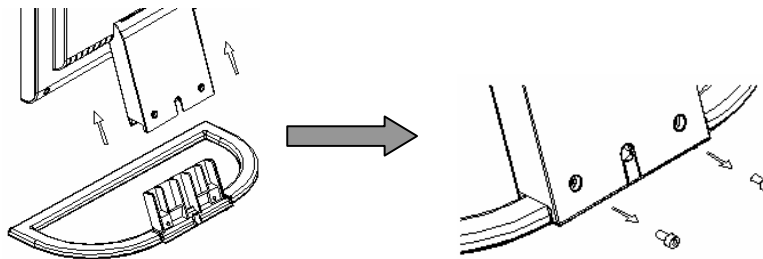
Within "**Adapter**" you can change the desired value in the selection field "**List All Modes**", which should be 60 Hz for the LCD monitor and, depending on the setting, not exceed 75 Hz.



(Display similar)

➤ **Caution!** If your setting does not coincide with the values supported by your display, you may not see any image. In this case reconnect your CRT monitor and set correct values according to the previous options under "Display Properties".

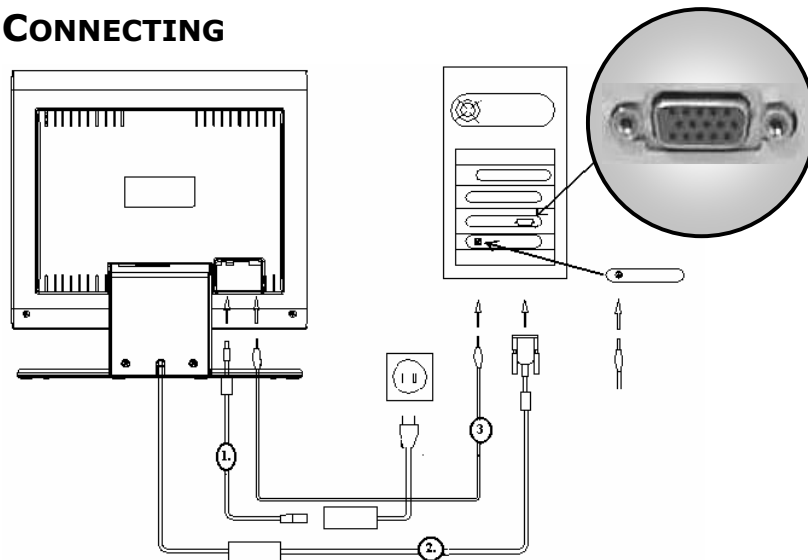
FIXING THE MONITOR STAND



➤ **Important** Before you start, make sure there is a clean, flat surface where you can place the display once it's removed from the stand. To protect the screen, place a towel or cloth on the surface.

1. Use the hexagonal-head screwdriver to unscrew the two metal screws on the stand.
2. Pull the display slightly up and away from the stand.

CONNECTING



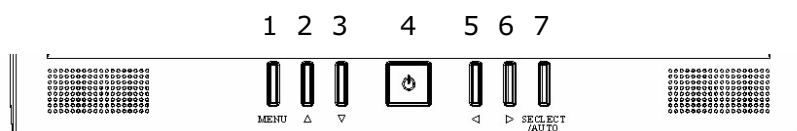
⇒ **Make sure that the computer and monitor's power are both turned off.**

1. Ensure that the LCD monitor is not yet connected to the power line (The power cord should not be plugged in) and neither the LCD monitor or computer should be switched on.
2. Prepare your computer for the LCD monitor if necessary (see previous pages) with the correct settings for your LCD monitor.
3. Plug the signal cable (②) into the matching VGA sockets on the computer.
4. If your monitor is provided with speakers, use a stereo jack cable (③, optional) to connect the monitor to your PC's soundcard.

CONNECTING THE POWER SUPPLY

1. Connect the line power cable to the power pack. Then put the plug into a wall outlet near the monitor's destination.
2. Connect the power supply cable (①) from the power pack to the DC input of the display.
3. Switch on the LCD monitor with the On/Off-Switch.
4. Now please restart your computer.

CONNECTIONS AND CONTROLS



1	MENU	OSD Menu	Press to view the OSD. Press again to exit.
2	△	ARROW	OSD active: Press to select or adjust OSD options OSD inactive: Press 2 once, then 2/3 to adjust the brightness or 5/6 to adjust the contrast.
3	▽	ARROW	OSD active: Press to select or adjust OSD options OSD inactive: Press 3 once, then 2/3 to adjust the brightness or 5/6 to adjust the contrast.
4	⏻	POWER	Power OFF/ON ; Green: ON Orange: Sleep
5	◀	ARROW	OSD active: Press to select or adjust OSD options OSD inactive: Press 5 once, then 2.3 to switch the mute or 5.6 to adjust the volume.
6	▶	ARROW	OSD active: Press to select or adjust OSD options OSD inactive: Press 6 once, then 2.3 to switch the mute or 5.6 to adjust the volume.
7	SELECT/AUTO	SELECT/AUTO	OSD active: Press to enter a selection in OSD OSD inactive: Press to automatically optimize your display's position, clock, phase.

SETTING THE LCD MONITOR

You can set certain parameters for the LCD monitor on the OSD menu (ON screen display).

OSD MENU (ON SCREEN DISPLAY)

⇒ Please refer to "Connections and Controls" on Page 15.

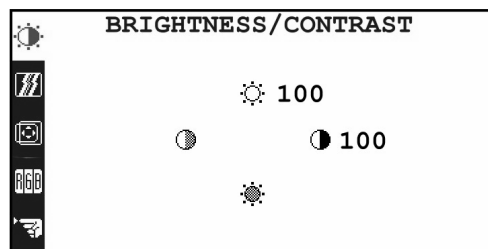
To adjust the OSD settings:

1. Press the OSD menu button, the OSD menu open.
2. Use the (2/3) arrow buttons to highlight a control, then press the SELECT/AUTO to enter.
3. Use the (2/3 – 5/6) buttons to adjust the control to the desired level.
4. When you have finished making all selections, press the OSD button to exit the OSD. (or the adjustment can be auto saved after 45 seconds.)

⇒ **Caution!** The setting possibilities for your LCD monitor may marginally change due to progress in technology.

ADJUSTMENT OPTIONS

BRIGHTNESS & CONTRAST ADJUSTMENT



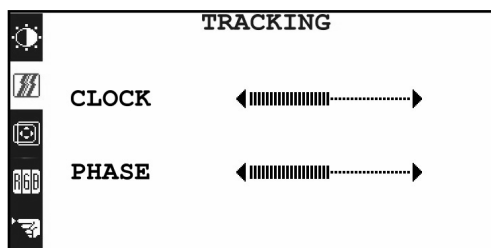
Brightness:

Adjust the brightness of the display.

Contrast:

Adjust the difference between the light and dark areas.

TRACKING ADJUSTMENT



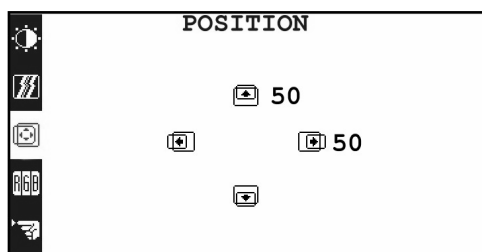
CLOCK:

Adjust to minimize any vertical bars or stripes visible on the screen background. The horizontal screen size will also change.

PHASE:

Adjust to remove any horizontal distortion, and clear or sharpen the image of characters.

POSITION ADJUSTMENT



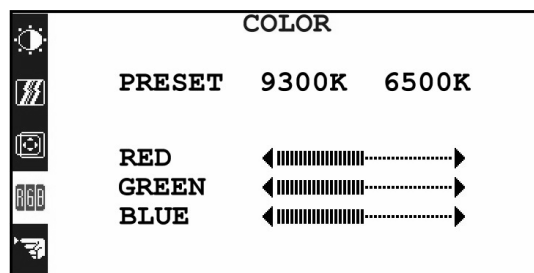
V-Position:

Adjust the vertical position of the picture.

H-Position:

Adjust the horizontal position of the picture.

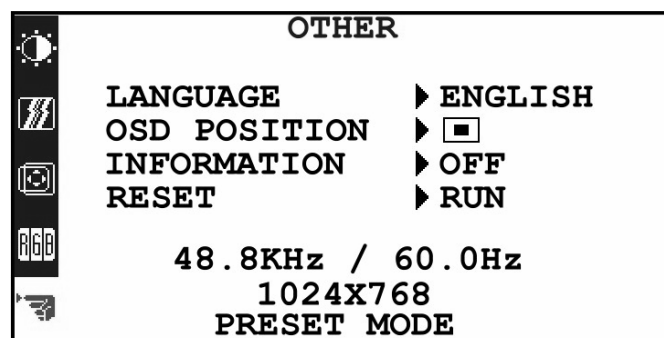
COLOR ADJUSTMENT



There are four items for color adjustment:

9300K: Bluish white; **6500K:** Reddish white; **User defined:** Red, Green, Blue. Adjust to set your own color level.

OTHER



LANGUAGE:

Multi-Language selection

OSD POSITION:

Adjust the OSD window position on the screen.

INFORMATION:

"ON" When changing screen resolution setting(for example: horizontal/ vertical refresh rate), display information is briefly shown on the screen and vice versa.

RESET: Recall to factory settings.

SERVICE

TROUBLESHOOTING

If problems arise with your LCD monitor, ensure that the LCD monitor is installed properly (read the chapter "Start-Up" beginning on page 11). If the problems are still present, read the information on possible causes in this chapter.

FINDING THE CAUSE

Malfunctions can sometimes have simple causes, however, sometimes are caused by defective components. We want to help you solve your problem using these guidelines. If the measures listed here do not solve the problem, we will be glad to help. Give us a ring!

CHECK CONNECTIONS AND CABLES

Start by carefully checking all cable connections visually. If the indicator lamps do not function, ensure that the LCD monitor and computer are properly connected to the line power.

TROUBLESHOOTING

No display on screen:

Check:

- ☐ Image refresh frequency.
The current image refresh frequency must be suitable for the LCD monitor.
- ☐ Power saving mode. Press any key or move the mouse to deactivate the mode.
- ☐ Signal cable pins. If pins are bent, please contact your service dealer.
- ☐ Set the appropriate values for your LCD monitor (see "**Preparations on your computer**", page 11).

Picture runs or is unstable:

Check:

- ☐ Signal cable pins. If pins are bent, please contact your service dealer.
- ☐ Video card. Check whether the settings are correct.
- ☐ Image refresh frequencies. Select permissible values for your graphic settings.
- ☐ Remove any interfering equipment (portable telephones, loudspeakers, etc.) from the vicinity of your LCD monitor.
- ☐ Avoid using monitor extension cables.

Characters displayed dark, picture too small, too large or not centered, etc.:

- ☐ Readjust the corresponding settings.
(setting the LCD monitor, page 16)

Colors not displayed clearly:

- ☐ Check the signal cable pins. If pins are bent, please contact your service dealer.
- ☐ Readjust the corresponding settings.
- ☐ Avoid using monitor extension cables.

DO YOU REQUIRE ADDITIONAL SUPPORT ?

If the suggestions in the above section have not solved your problem, please contact the hotline. We will try our best and help you over the telephone. However, before you contact your Technology Center, please keep the following information available:

- How is your computer configured?
- What additional peripherals do you use?
- What messages, if any, appear on your screen?
- What software were you using when the error occurred?
- What steps have you already undertaken to solve the problem?
- If you have already been given a customer number, please keep it available.

GUARANTEE

The receipt serves as proof of first purchase and should be kept in a safe place. It is required should you need to make use of the guarantee.

If the product is passed onto another user, then he shall be entitled to guarantee services for the remaining period of the guarantee. The receipt of purchase as well as this declaration should be passed onto the new user.

We guarantee that this equipment is in perfect working order and from a technical point of view it complies with the descriptions in the enclosed documentation. Upon production of the receipt, the remaining period of guarantee shall pass on from the original parts to the respective replacement parts. If you hand in this equipment to make use of the guarantee, you must remove all programs, data and removable storage media. Products which are sent without accessories will be replaced without accessories. The warranty obligation does not apply in the case of the problem being caused by an accident, a catastrophe, vandalism, misuse, incorrect use, ignoring the safety and maintenance regulations, changes by software, viruses or another piece of equipment or accessories or by other modifications not approved by ourselves. This limited guarantee declaration replaces all other guarantees of express or implied nature. This includes the guarantee of sale ability or the suitability for a certain purpose but is not limited to this. In some countries the exclusion of implied guarantees is not permissible upon principle. In this case the validity of all express and implied guarantees is limited to the guarantee period. Once this period has expired, all guarantees become invalid. In some countries limiting the period of validity for implied guarantees is not permitted, so that the above limitation does not come into force. If you have any questions with regard to these guarantee conditions, please contact us.

The TFT display technology is highly superior to the traditional DSTN technology. More than 2 million color dots are controlled individually by transistors. Despite of state-of-the-art assembly methods we cannot eliminate scattered defective color dots causing display errors in range of micro meters. These so called pixel errors constitute at a rate up to 0,0005 % neither a reduction of usability nor a claim of warranty (see regional court of appeal Cologne [OLG Köln] 1993, AZ 19 U 92/91: CR1993,208 and OLG Cologne 1994, AZ 19 U 183/93: NJW RR 1994, 1077).

LIABILITY LIMITATIONS

The contents of this manual are subject to unannounced changes caused by technical progress. Manufacturer and sales shall not be responsible for any damages which have been caused as a result of omissions or errors in the information provided in this manual.

Under no circumstances shall we be liable for any of the following:

1. Claims made against you by third parties based on loss or damage.
2. Loss or damage to your blanks, recordings or data.
3. Economic follow-on damage (including lost profit or savings) or associated damage even in the case that we have been informed of the possibilities of this type of damage.

In some countries the exclusion or limitation of accompanying or follow-on damage is not legally accepted so that the above limitations do not come into force.

COPYING THIS MANUAL

This document contains legally protected information. All rights reserved. Copying in mechanical, electronic and any other form without the written approval of the manufacturer, is prohibited.

SPECIFICATIONS

Screen size	17" TFT	
LCD-Monitor: Input voltage Current Power consumption	DC 12 V 4.16 A max. 50 Watt	
Power supply: Voltage Current Frequency	IN: AC 100 – AC 240 V ~ max. 1.5 A 50 – 60 Hz Out: DC 12 V 4.16 A	
Resolution Refresh rate	max. 1280 x 1024 max. 75 Hz	
RGB Video input	15-wired SUB-D connector	
User control	ON/OFF, OSD	
Dimensions (W x H x D)	16.14" x 16.46" x 5.79" 410 mm x 418,2 mm x 147 mm	
Ambient Temperature	Operating	+41° F - + 95° F +5° C - +35°C
	Storage	-4° F - +140° F -20° C - +60°C
Humidity (not condensing)	Operating	20 - 80 %
	Storage	10 - 85 %
Speakers	2 (optional)	

The specifications are subject to change without notice