

Pro Visual 15" / 17"

ENGLISH

PRO VISUAL 15" **PRO VISUAL 17"**

User Manual

Version 1.0

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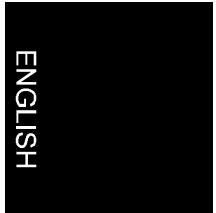
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1. Introduction

This manual is intended for users of the Pro Visual 15" and 17". No specific prior knowledge is needed to install and use this product.

Important information is illustrated in the manual as follows:

Note: *The disk may not be formatted.*

The Pro Visual 15" and 17" monitors are microprocessor-operated colour display-screens. All settings can be changed for each resolution and are automatically saved. The image displayed is therefore always optimal at each resolution.

The properties of the monitors make them suitable for professional use. You are advised to adhere to the following general guidelines if you work many successive hours with a computer:

- Do not place the monitor in direct sunlight or in other bright sources of light as it will be difficult to see the contents displayed.
- Use ergonomic office furniture. Regulations will vary from country to country.

2. Safety

Read the following instructions carefully before use:

1. Remove the power plugs from the power sockets before cleaning the equipment.
2. Do not use the device in damp or wet environments.
3. Do not place this device in an area where its power cord can wear or be damaged as a result of traffic.
4. Never insert objects into the openings of the device's casing as they may come into contact with live electrical components that can produce fire or electric shocks.
5. Do not try to repair the device yourself.
6. Disconnect the power supply and have the device repaired by qualified personnel if:
 - the cable or the plug is damaged or worn,
 - the device has come into contact with fluids,
 - the device has fallen and/or the casing has been damaged.

3. Installation

3.1 Mounting the tilt-swivel

Place the tilt-swivel against the base of the monitor so that the pins of the swivel are aligned with the appropriate openings.

Press the tilt-swivel towards the front of the monitor until you hear a 'click'.

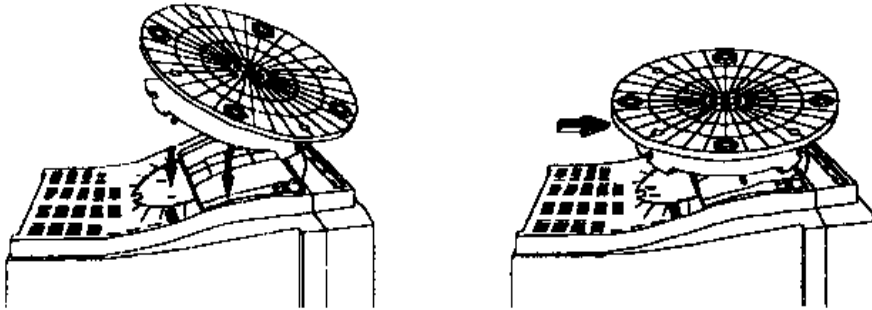


Figure 1 Mounting the tilt-swivel

3.2 Placing the monitor

Place the monitor in a convenient location close to your personal computer. We suggest that the unit be positioned so that the top of the screen is just above eye level.

3.3 Connection

Connect the power cable to the monitor (A or B). Attach the 15-pin connector (C) to the VGA connection located on the back of your computer. Fasten the two screws of the connector.

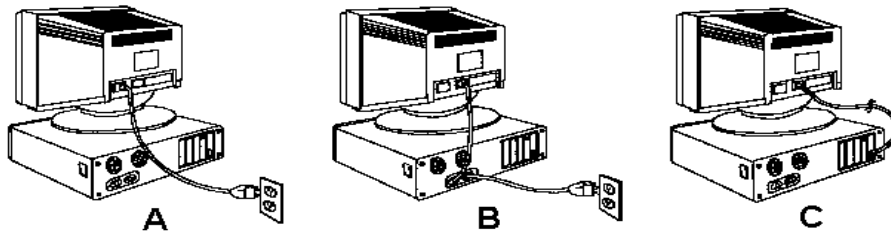


Figure 2 Connecting the power cable and signal cable

- A: Mains connection from monitor to wall outlet
- B: Mains connection from monitor to PC
- C: Signal cable with 15-pin connector

4. Operating the monitor

4.1 Turning the monitor on and off

1. Turn the PC power switch ON. Then press the mains switch (button A) to turn on the monitor.
2. If you want to turn the monitor off, press the mains switch again.

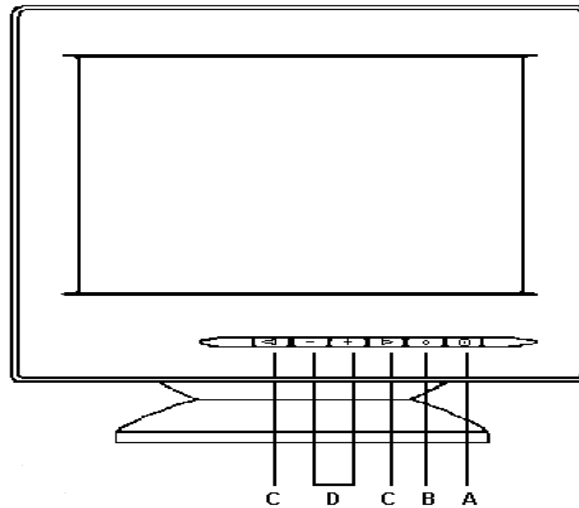


Figure 3 Control buttons

4.2 Adjusting the monitor

The Pro Visual 15" and 17" monitors come equipped with On Screen Display (OSD). This means that all settings are displayed on the screen and can be easily changed.

Functions of the buttons (see Figure 3):

- A: On/off switch
- B: Power indicator
- C: Display menu and Select settings
- D: Select and Modify settings

4.3 Operating functions and settings

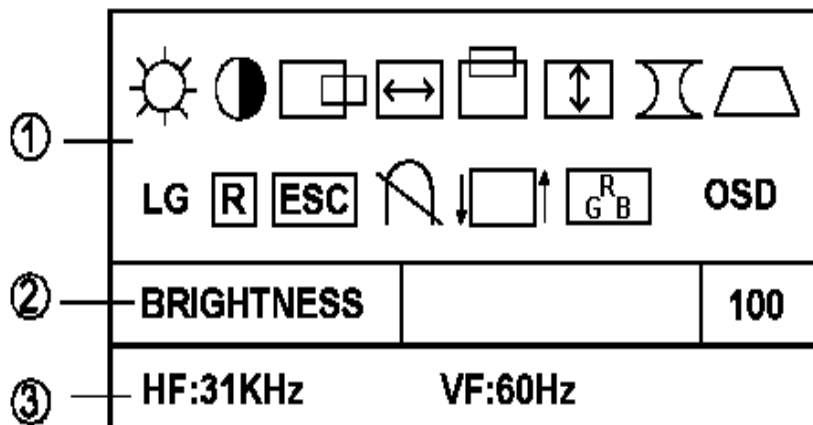















Figure 4 OSD Main menu

The menu appears on the screen if you press the C button once. You can scroll through the menu (1) with the C buttons. Using the D buttons, you can select the function (2) you want to change as desired. The lowest window (3) displays the horizontal and vertical frequency of the VGA signal.

Symbol	Function	Description
	Brightness	Adjusts the brightness
	Contrast	Adjusts the contrast

Symbol	Function	Description
	Horizontal position	Adjusts the horizontal position of the image
	Horizontal size	Adjusts the width
	Vertical position	Adjusts the vertical position of the image.
	Vertical size	Adjusts the height.
	Vertical pincushion	Corrects any pincushion distortion.
	Trapezoid	Corrects any trapezium distortion.
	Rotation	Corrects a rotated image.
LG	Language	Selects the language of the OSD: English, French, German, Italian, Spanish.
	Memory recall	Activates the standard monitor settings of the manufacturer again.
	Escape	Turns off the OSD and stores any modified settings in the memory.
	Degauss	Demagnetises the image.
	Colour temperature (Only with 17")	Three settings are possible: Option 1 = Factory default setting Option 2 = Factory default setting Option 3 = User setting which can be changed as desired.
OSD	OSD menu control (Only with 17")	Adjusts the position, size and colour of the OSD menu.

4.4 Power management

The monitor will go into different power saving states upon receiving control signals from the display controller. This feature meets the requirements set out by the American EPA (Environment Protection Agency) for saving energy. The monitor can make use of four different states (Table 1).

State	Use	LED Indicator 15"	LED Indicator 17"
On	85 W max.	Green	Green
Standby	<20 W	Flashing LED	Amber
Sleep	<20 W	Flashing LED	Amber
Off	<5 W	Flashing LED	Flashing LED

Table 1 Power-saving states

4.5 Display Data Channel (DDC)

The Pro Visual 15" and 17" monitors support the VESA DDC standard (DDC 1 and DDC 2B) for automatic display recognition. If you connect your monitor to a PC that supports this standard, the computer automatically selects the best settings.

5. Troubleshooting

You can easily remedy problems using the table that follows.

Contact your dealer or the help desk if the suggestions do not solve your particular problem. For a speedy solution, have the following information ready:

- The brand and type of monitor (Pro Visual 15" or 17")
- The brand and type of computer
- The resolution used; e.g., 640 x 480
- The language and version of the operating system; e.g., Windows 95
- An accurate description of what and when something does not work.

Problem	Cause	Possible solutions
Blank screen	PC not turned on	Turn on PC
	Power switch not depressed	Press the power switch
	Power cable or signal cable not properly connected	Connect the cables properly
	Brightness and contrast not adjusted properly	Adjust the brightness and contrast (see section 4.3)

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Problem	Cause	Possible solutions
Image too small or too big	Horizontal width and vertical height not adjusted properly	Adjust the horizontal width and the vertical height (see section 4.3)
Image not displayed in the middle	Horizontal and vertical position not adjusted properly	Adjust the horizontal and vertical position (see section 4.3)
Image too bright, too dark or colour adjustment not OK	Brightness, contrast and colour settings not adjusted properly	Adjust the brightness, contrast and colour settings (see section 4.3)

Appendix A: Technical specifications

Monitor size	Pro Visual 15"	Pro Visual 17"
Viewable display area	34.2 cm diagonal	40.2 cm diagonal
Dot Pitch	0.24 mm H-Dot 0.28 mm N-Dot	0.24 mm H-Dot 0.27 mm N-Dot
Monitor surface area H x W (mm)	Normal: 195 x 255 Maximum: 208 x 276	Normal: 225 x 300 Maximum: 242 x 324
Display colours	Infinite	Infinite
Maximum resolution	1280 x 1024 (NI)	1280 x 1024 (NI)
Horizontal synchronisation	30 to 70 kHz	30 to 69 kHz
Vertical synchronisation	50 to 120 Hz	50 to 120 Hz
Band width	100 MHz	110 MHz
Input Signal	Video RGB Analogue Sync. TTL Separate	Video RGB Analogue Sync. TTL Separate
Signal cable	15-pin D-connector	15-pin D-connector
Voltage (50/60 Hz)	100 to 240 VAC	90 to 264 VAC
Power Consumption	70 W maximum	85 W maximum
Dimensions HxWxD	368 x 362 x 385 mm	408 x 408 x 422 mm
Weight	12.5 Kg	16.5 Kg
Operating Temperature	5 to 40 °C	5 to 40 °C
Storage Temperature	-20 to 60 °C	-20 to 60 °C
Humidity range (non-condensing)	5% to 95%	5% to 95%
Altitude	< 3000 m (10,000 feet)	< 3000 m (10,000 feet)
Ergonomics	MPR-II	MPR-II