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Don't Forget To Delete Me!

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CHAPTER 1. INTRODUCTION

1.1 GENERAL INFORMATION

Thank you for purchasing this 19" flat-screen monitor. It was designed to meet the screen performance requirements of today's demanding business applications. It delivers a larger screen area, higher resolutions, and greater color accuracy.

Consistent with IBM and compatible systems, this monitor is designed to operate under a multitude of hardware platforms, video standards VGA to 1280x1024 non-interlaced. Its multiscan function automatically adjusts the monitor to the scanning frequency of your video card.

Its non-interlaced and higher refresh rate offers flicker-free images, which reduces eye-strain and fatigue so that you can work in front of the screen longer.

The OSD (on screen display) microprocessor user control system enhances and expands your ability to control your display. The microprocessor-based memory stores your preferred screen settings. Positioned in front so that they are easier to reach and use, the digital controls greatly improve your capabilities to adjust the screen settings.

The Tilt / Swivel base allow you to comfortably adjust the monitor to your preferred angle of vision.

This monitor also supports universal power supply, allowing you to use the monitor anywhere in the world.

1.2 SAFETY INSTRUCTION

The equipment should be installed near the wall socket, which should always be easily accessible. If any faults occur with the equipment, disconnect the power supply cord from the unit first.

Technical Service Warning for X-ray Radiation Protection:

This product contains electrical and mechanical parts essential for X-ray protection.

For replacement purposes, use only part types shown in the parts list.

Using the Right Power Cord for 240VAC

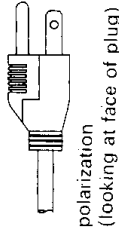
For units used at 120V: Use a UL-listed cord set consisting of a minimum No. 18 AWG, Type SVT or SJT, rated 6A 125V, three-conductor cord a maximum of 15 feet in length, and a parallel-blade, grounding-type attachment plug.

For units used at 240V (domestic use): Use a UL-listed cord set consisting of a minimum No. 18 AWG, Type SVT or SJT, rated 6A 250V, three-conductor cord a maximum of 15 feet in length, and a tandem-blade, grounding-type attachment plug.

For units used at 240V (outside of the U.S.): Use a cord set consisting of a minimum No. 18 AWG cord and grounding-type attachment plug rated 6A 250V. The cord set should have the appropriate safety approvals for the country in which the equipment will be installed and marked HAR.

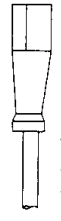
POWER CORD SELECTION INFORMATION

Power cords are UL-Listed or UL-Recognized detachable power supply cord, type SVT or SJT, three-conductor cord with a minimum wire gauge of 18. Figure 1 and 4 below depict the correct cord termination for 115 or 240 volt operation in the United States and Canada.



Neutral (Blue)
Line (Brown)
Ground (Green/Yellow)

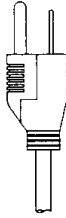
Plug configuration for connection to 115 Volt power source plug type NEMA 5-15



Neutral (Blue)
Line (Brown)
Ground (Green/Yellow)

polarization
(Viewed from end of connector)

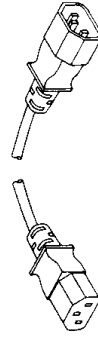
Plug configuration connection to a receptacle on this equipment Plug type IEC-320 CEE-22.



Neutral (Blue)
Line (Brown)
Ground (Green/Yellow)

polarization
(looking at face of plug)

Plug configuration for connection to 240 Volt power source plug type NEMA 6-15



Plug configuration for connection to Listed computer.

If connecting the monitor power supply cord directly to a computer, connect only to a Listed computer which has the appropriate configured output appliance coupler rated 120Vac with a marked current rating not less than the current rating of this monitor.

13 Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

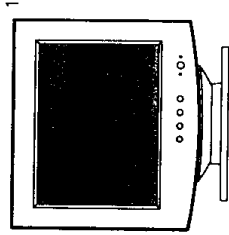
As an Energy Star Partner, Action Electronics Company, Ltd. has determined that this product meets the Energy Star guidelines for energy efficiency.

CHAPTER 2. OPERATING INSTRUCTION

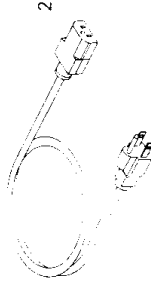
2.1 THE PRODUCTS

Make sure that the following parts have been included with the unit:

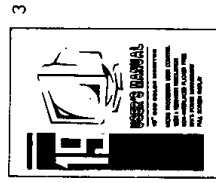
1. 14" Color Monitor With
 - a. Tilt/Swivel Stand to enable you to position the monitor at the most comfortable viewing angle.
 - b. Signal Cable to connect the monitor to your computer's graphic card.



2. Power Cord.



3. User's manual.



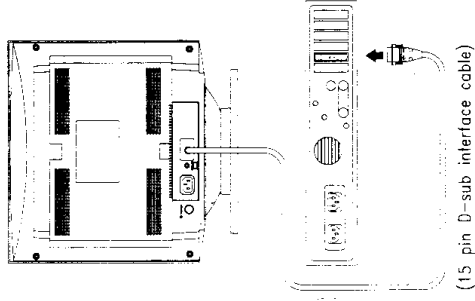
2.2 CONNECTION

Connecting the Monitor to the Computer

Note: Please be sure the AC power to your computer is turned OFF before connecting or disconnecting any display peripherals. Failure to do so may cause serious personal injury as well as permanent damage to your computer equipment.

2.2.1. For connecting units to IBM PC, PC/XT, PC/AT, PS/2, or compatibles:

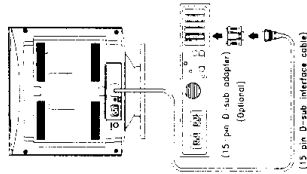
- Connect the other end of the 15-pin, D-sub interface cable to the computer via the video connector on the video card, and fix it firmly with the screws provided on the plug.



(15 pin D-sub interface cable)

2.2.2. For connection units to Apple Macintosh Quarda and Power Macintosh families. (Optional)

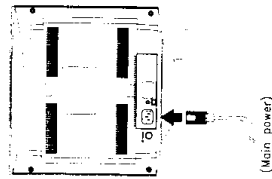
- Connect the 15-pin, D-sub adapter to the interface cable.
- Connect the 15-pin, D-sub adapter to the computer via the video connector on the video card.



2.2.3. Connecting the Monitor to the Main Power

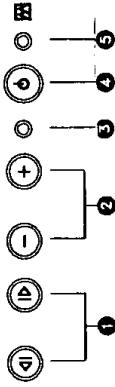
- Connect one end of the main power cord to main power socket at the rear of the monitor, and connect the other end of the cord to the main power supply.

Note: This monitor is set to operate using a 100-240 volts AC, $\pm 10\%$, 50/60Hz power supply. If the voltage in your home is different from this, consult your dealer.

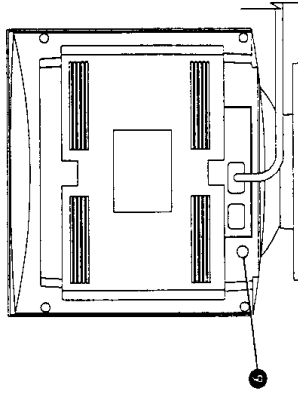


2.3 THE USER'S CONTROLS

2.3.1. Control Locations and Functions



1. SELECT KEY
2. ADJUST KEY
3. POWER ON INDICATOR
4. ON/OFF SWITCH (CPU CONTROL)
5. POWER SAVE INDICATOR
6. ON/OFF SWITCH (POWER SWITCH)



Note: After completing the functional adjustments, it may take a few seconds for the image status to be automatically memorized.

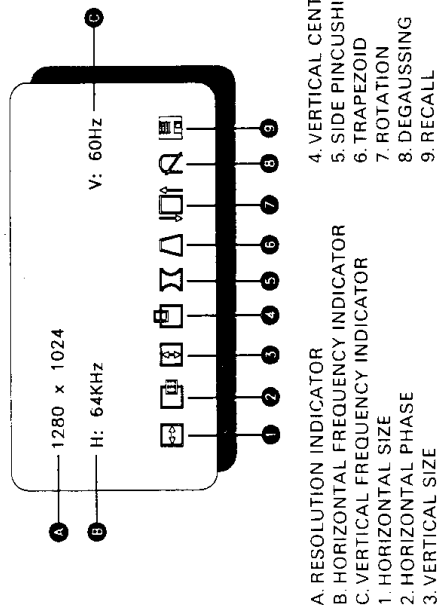
Switch off Monitor by using ON/OFF button.
Press the Minus < - > button and switch on the Monitor (ON/OFF button).
Keep holding Minus < - > button until the OSD-Display shows :

MODE DISPLAY DISABLED

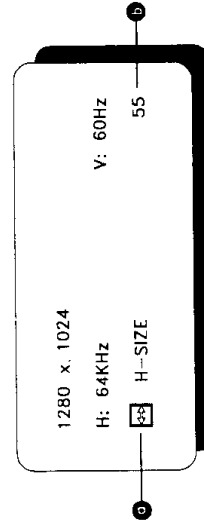
Enable the OSD-function display block
Use the Plus < + > button on same way.

APPENDIX A : PIN ASSIGNMENTS

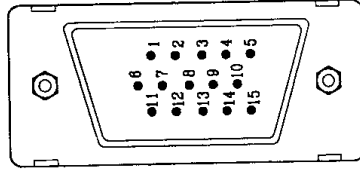
There are 9 functions On Screen Display (OSD); when you push the " SELECT KEY "



After your select; then push the " ADJUST KEY " to adjust the screen image

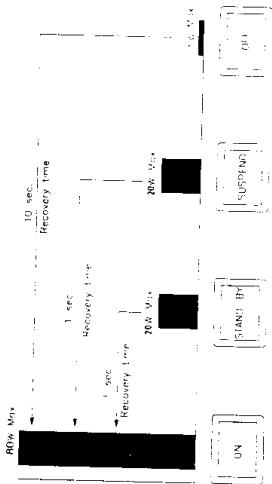


15-pin Mini D-sub Male Connector



PIN	SIGNAL NAME
1	RED VIDEO
2	GREEN VIDEO
3	BLUE VIDEO
4	NO CONNECTOR
5	GROUND
6	RED RETURN
7	GREEN RETURN
8	BLUE RETURN
9	NO CONNECTOR
10	GROUND
11	GROUND
12	SDA
13	HORIZONTAL SYNC
14	VERTICAL SYNC
15	DATA CLOCK (SCL)

2.3.2. Power Management system



- A. You must have a GREEN PC or Power Management Software to utilize VESA power saving protocol.
- B. When the monitor detects a "Stand-by" or a "Suspend" signal from PC, the monitor power consumption will drop to below 20W, and if detect a "OFF" signal, the power consumption will drop to below .1W automatically.
- C. When the monitor detect an "ON" signal from PC, it will restart automatically as in normal turn-on.

2.3.3 Video Mode

Resolution	640x480	800x600	1024x768	1152x864	1280x1024	1600x1200
Max Refresh Rate	120 (Hz)	100 (Hz)	80 (Hz)	70 (Hz)	60 (Hz)	75 (Hz)
Recommends			75 (Hz)			

IF YOU HAVE ANY QUESTIONS OR DIFFICULTIES IN OPERATING THIS PRODUCT, PLEASE CONTACT YOUR AUTHORIZED DEALER.

APPENDIX B : SPECIFICATIONS

Specifications

Picture Tube	19 inches, 90 degree deflection. 0.26mm dot pitch, Dot-type: black matrix
Input Signal	Video: Analog 0.7Vpp/75 ohm Positive Sync: Separate sync: TTL level
Display Color	Analog Input, Unlimited colors
Synchronization	Horizontal: 30 to 99KHz (automatically) Vertical : 50 to 150Hz (automatically)
Video Bandwidth	165MHz
Display Size	Horizontal: 340mm Vertical : 255mm
Power Supply	VAC 100-240,60/50Hz
Current Rating	2.0A Typical
Dimensions	(W)455mm x (H)465mm x (D)465mm
Weight	44.0 Lbs. (20.0kgs)
Environmental Considerations	Operating Temperature: 0°C to 35°C Humidity : 30% to 80% Storage Temperature: -20°C to 60°C Humidity : 10% to 90%
Others	DDC1, DDC2B