# FCC Information

This equipment has been tested and found to comply with 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 can generates, uses, and radiate radio frequency energy and. if not installed and used in accordance with the instructions, may cause harmful inteference to radio Communications. However there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause unacceptable interference to radio and 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.

- Regrient or reocate 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.

#### **DECLARATION OF CONFORMITY**

PRODUCT NAME:17" COLOR MONITOR

MODEL NUMBER:1772E

FCC RULES:TESTED TO COMPLY WITH FCC PART 15, CLASS B

OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

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## Caution

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **Canadian Natice**

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

## **Avis Canadien**

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

### Notice

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

### Introduction

#### Package

Congratulations on your purchase of this top quality color monitor!

The items illustrated below are contained in the carton.

First, be sure that your carton includes all of them.

It any items are mssng or damaged, please contact your local dealer or supplier.



#### Safety information

- Provided with this monitor is a detachable power supply cord with IEC320 style terminations. It may be suitable for connection to any UL listed personal computer with similar configuration Betore making the connection ensure that the voltage rating of the computer convenience outlet is the same as the monitor and that the ampere rating of the computer convenence outlet is equal to or exceeds the monitor current rating.
  - For 120Volt applications use only UL listed detachable power cord with NFMA configuration 5-15P type(parallel blades) plug cap.
  - For 240Volt applications use only UL listed detachable power cord with NEMA configuration 6-15P type(tandem blades)plug cap.
- Use only a power source and connection appropriate for the monitor as indicated on the marking label.
- Slots and openings in the cabinet are provided for ventilation; these openings must not be blocked or covered. Never push objects of any kind into cabinet slots or other openings.
- Never insert anything metallic into the monitor openings.Doing so may create a danger of electric shock.
- To avoid electric shock, never touch the inside of the monitor. Only a qualified technican should open the monitor's case.
- Unplug the monitor from the wall outlet before cleaning. Do not use liquid cleaners or serosol cleaners. Use a damp, lint-free cloth tor cleaning.
- Install the monitor near an outlet that you Can reach easily Disconnect the product by grasping the plug firmly and pulling in from the outlet.
  Never disconnect it by pulling the cord.
- user's Manual

## Introduction

### **E** Features

#### Superior image

- On Screen menu fingertip control system to visually select and adjust screen using buttons on front panel and on screen menus.
- The exclusive double dynamic focus system with a hyperbolic focus compensation circuit controls the electron bearms resulting in a fine image display over the entire area of the screen.
- Super contrast screen for superior contrast and richer color.
- Advanced INVAR Shadow mask for superior focus, brightness and color.
- 17", 0.24dot pitch high resolution, non-interaced technology provides sharp, flicker-free images.
- On screen menu color control system easily allows the white of the image to be adjusted as well as R.G.B signals, resulting in true-to-life colors.

#### Ergonomic Design

- # Flat, square screen to reduce image distortion and glare, thus relieving eye strain.
- Tilt base allowing 90° rotation in the horizontal and 17° in the vertical for greater user comfort.
- Low-leak radiation prevention meeting MPR II and the very stringent TCO magnetic field as emissions standards for increased user safety.

### **Environmentally Friendly**

- Power management circuit conforming to VESA DPMS standards controls energy consumption when monitor is not in use, you save energy.
- All plastic parts are recycable. All materials are strictly selected to ensure ease of maintenance, inspection and disposal.

#### Timing

- Automatic tracking of horizontal frequencies of 30 to 72 kHz, and vertical frequencies of 50 to 160 Hz.
- Eight timings are factory preset for image size and position
- **III** Eight additional timings are user definable.
- Synchronizing input signals (separate, composite)can be automatically selected.

## Introduction

### System Flexibility

- Equipped with DDC1 DDC2B and DDC2Bi for Plug & Play compatibility.
- Monitor is compatible with VGA, SVGA XGA and high resolution video modes up to 1280(H)×1024(V)60Hz
- Monitor may be used with IBM or compatible PC, Mac.
- Automatic universal power supply is buit in permitting AC power input of 100-240VAC, 50 or 60Hz.
- Self-test menu allows the display unit to be checked on screen without connecting to a Computer.
- Compact case minmizes desktop space giving you a large screen image without loss of workspace.
- Power cable included easily plugs into a standard outlet.

### Power management system

This monitor complies with VESA, Nutek, and Energy Star power saving requirements. The power saving system works only when used with VESA DPMS compliant PC's and/or graphic controllers.

State	LED	Power	Recovery Time
Stand by	Green	< 60 Watts	2Sec
101.49	Care - 1844 (		
off	Green/Blink	< 3 Watts	15Sec

The monitor goes into various power saving stages depending on the incoming video signal as shown in the following table

State	Horizontal Sync	Vertical Sync
Stand by	Off	On
S. STORY C		
off	off	off

#### Note

The monitor automatically goes through the DPMS steps when it is idle.

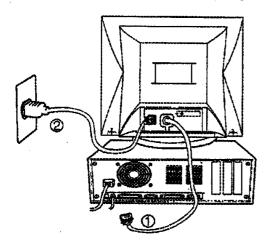
To release the monitor from the DPMS condition, press any key on the keyboard or mouse.

# Installation

## Connection to your computer

### **A** CAUTION

Ensure that both the PC and the display monitor are switched off.



To attach the monitor to your system, as shown in the following illustrations.

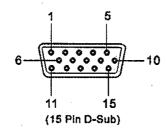
- Insert the AC power cord ② into monitor and then into an AC power outlet.
- Connect the signal cable ① to the 15pin graphics connector of the system and tighten the fastening screws.
- 3.To turn on the monitor, push the power switch.

Note: To attach the monitor to the Macintosh system, please contact an authorized deaer. (Need to use a special adaptor)

## Pin assignment table D-Sub Mini 15pin connector

Pin No.	Assignment
	100000000000000000000000000000000000000
2.	Green Video
	Sign of the Control o
4	Frame Ground
6	Red Video Ground
	Charles Michael Charles
8	Blue Video Ground
10	Sync. Ground
	0.000
12	SDA
	945.49
14	V-Sync.

The 15-pin D-Sub connector (male) of the signal cable (IBM Systems):



## Controls

#### **OSD** controls

"ON SCREEN MENU" controls include the following extended controls such as Size, Position, Geometry, Color Adjust, Brightness and Contrast Utilities. Adjustments are saved instantly. The currently addressed control can be reset to factory settings by pressing the Reset button.



Function of OSD buttons on the front of the monitor

- 🖃 : In the main menu, exits the OSD controls. In a submenu, exits to the OSD main menu.
- ₩ -/+
  - 1) When no OSD on the Screen,
    - -: Direct access to Brightness controls.
    - +: Direct access to Contrast controls.
  - 2) When Main menu is displayed.: Moves to function what you want to adjust.
  - 3) When the Sub menu is displayed.: Controls the amount what you want to adjust.
- MENU: Displays OSD main Menu.
  - 1) When Main menu is displayed.: Selects function with RED ICON.
  - 2) When Sub menu is displayed.: Seects function with RED ICON.

## Additional front controls

- Power Switch: Turns the monitor power on or off. When the power is on, the LED is on.
- LED Power indicator Light: Located left side of the power switch and indicates the monitor's power mode. Each mode reduces the amount of power used by the monitor.

Accessing on screen menu Press MENU Button.

Yurning off on screen menu.

When in the main menu, press button.

When in submenus, press the button twice.

# Controls

## **SOURCE** OSD Menu

OSD MENU	MENU	_	<del>  +                                   </del>	
1. NO OSD	Proceeds to NO.2	Proceeds to NO.3 Proceeds to NO.4		No meaning
2. MAIN MENU	The function with RED ICON is -Performed: Recall, Degauss -Selected and blinked :Color Adjust, Zoom -Proceeded: Others	Moves to function you want.		Exit to No.1
3. BRIGHTNESS	Moves to No.2	Decreases the brightness	Increases the brightness	Exit to No.1
4. CONTRAST	Moves to No.2	Decreases the contrast	Increases the contrast	Exit to No.1
5. H/V-POSITION	Toggles horizontal or vertical position	Moves the image down or left in the selected function.	Moves the image up or right in the selected function.	Exit to No.2
6. H/V-SIZE	Toggles horizontal or vertical size	Shinks the image in the selected function.	Expands the image in the selected function.	Exit to No.2
7. GEOMETRY	Odd press :Selects and blinks the function with RED ICON	Controls the amount of the Selected funcion. (Refer to Geometry controls menun detail)		Exit to No.2
<b>□</b>	Even press: :Stops blinking and ready to move function you want.	Moves to function y	ou want.	Exit to No.2

# Controls

OCD MENU	MENUL		1	
OSD MENU	MENU	****	+	<del>(+1)</del>
8. MOIRE	Odd press :Selects and blinks the function with RED ICON	Contros the amount of the selected function. Please control these key in order the image not to shiver.		Exit to No.2
TANKA AAAAA WAXAA WAXAA AAAAAAAAAAAAAAAAAAA	Even press: :Stops blinking and ready to move function you want.	Moves to function you	went.	Exit to No.2
9. LANGUAGES  - ENOLISH - ENOLISH - FRANCIS - ENOLISH - FRANCIS -	Selects the languages with RED ICON and Exit to No.2	Moves to language yo	u want.	Exit to No.2
10. OSD POSITION  ED GB	Toggles OSD position hortzontality or vertically.	Moves the OSD menu left or down in the selected function.	Moves the OSD menu right or up in the selected function.	Exit to No.2
11. COLOR MODE	Odd press :Blinks the RED ICON -color menu ICON.	Moves to color mode you want and the selected "color mode" will blink.		Exit to No.1
	Even press :Stops blinking and ready to move function you want.	Moves to function you	want.	Exit to No.1
	When the color mode ICON is blinking in user mode, press, then go to color adjust mode No.12.		1000000	•
12. COLOR ADJUST MODE	Odd press :Selects and blinks the function you want.	Controls the amount of you want.	f function	Exit to No.1
RB-Red background raster GB-Green background raster BB-Blue background raster RG-Red level gain GG-Green level gain BG-Blue level gain	Even press :Stops blinking and ready to move function you want.	Moves to the function	you want.	Exit to No.1

## Controls

OSD MENU	MENU		+	✐
13.ZOOM	Odd press :Selects zoom and blinks the zoom ICDN.	Shinks the image horizontally and vertically.	Expands the image horizontally and vertically.	Exit to No.1
	Even press :Stops blinking and ready to move another function.	Moves to the fund	tion you want.	Exit to No.1

- Recall (配): Recall control to the factory setting resets all the controls within the all menu. if you want to return to the factory mode setting, press menu key on Recall ICON.
- Degauss( A- ): Eliminates the build-up of stray magnetic fields which after the correct scan of the electron beams and affect the purity of the screen colors, focus and convergence. When pressed, you screen image will jump and waver a bit as the screen is demagnetized.

**▲**Caution

:Please allow aminimum of 20 minutes to elapse between uses of the Degauss button. Do no hold the button down continuously to avoid decreasing the life the Deguass circuitry.

#### ※ Geometry Controls Menu



The Geometry controls allow you to adjust the curvature or angle of the sides of you display.

- Pincushion
- :Increases or decreases the curvature of the sides either inward or outward.
- Parafielogram . :Increases or decreases the tilt of the sides either to the left or right.
- Trapezold
- :Increases or decreases the bottom of the screen to be the same as the top.
- Pin Balance
- :Increases or decreases the curvature of the sides either to the left or right.
- Rotation
- :Increases or decreases the tilt of the screen image relative to a horizontal line.

## Troubleshooting

#### No picture

- Check that the AC cord is correctly connected.
- Check that the AC socket is live by plugging in another piece of equipment.
- Power switch and computer power switch should be in position.
- Ensure that the signal cable is properly connected to the video card or PC.
- Ensure that the video card is securely seated in the PC.
- Check the connector for bent or pushed-in pins.
- Press a key on the keyboard or move the mouse, in case the screen power-saver mode has banked the screen.

#### Image is scrolling or unstable

- Signal cable should be securely attached to the computer.
- Check the pin assignments and signal timings of the monitor and your video card with respect to recommended timings and pin assignments.
- Ensure that the video card is securely seated in the PC.

### **E** Picture is fuzzy

- Adjust the Contrast and Brightness Controls.
- Push the Degauss Button once.

A Caution :A minimum interval of 20 minutes should exist before the Degauss Button is used a second time. Do not hold the button down continuously.

#### Picture bounces or a waving pattern is present in the picture

- Move electrical devices that may be causing electrical interference away from the monitor.
- See the inside front cover of this manual for FCC information.
- Unshieded audio speakers placed next to the monitor can cause picture distortion. Move the speakers away.

#### Edges of the display image are not square

■ Adjust the distortion using the Side Pincushion or Trapezoid Pincushion Balance, Parallel adjustment controls under the on screen menu.

#### Display image is not centered, too small, or too large

■ Adjust the horizontal and vertical image sizes using the Horizontal and Vertical Size adjustment controls under the on screen menu.

# **Specifications**

# Electrical Specifications

iTi	EM	SPEC.
CRT	Туре	17",90° deflection FST
		0.741990
CRT S	Surface	Anti-reflection
		The Department Compositive Securities
Input		100000000000000000000000000000000000000
Signal	Video	RGB Analog(0.7Vp-p), positive
·	Video	75Ω Terminated
Scanning		garts extra conetoxi
frequency	Vertical	50Hz~160Hz(Automatically)
10.46		A CONTROL OF A CHEST CONTROL OF A CONTROL OF
Pixel Clo	ck(Max.)	110MHz
		rundanal Comm. versca 200m
Power Consumption(Max.)		74 Watts
		50,000,000,000,000,000
luput Co	onnector	D-Sub, 15Pin Connectors
		Solinder.

# Mechanical Specifications

ITEM		SPEC.
	Unit	15.6" (W)×16.4" (D)×14.4/14.9/16.1(H) 397mm(W)×417mm(D)×366/378/410.2mm(H)
Dimension	Certos	STEP SALE LESS TO STATE FOR
\\/oight	Net	32.1lbs(14.6Kg)
Weight		49.4ma/kii.

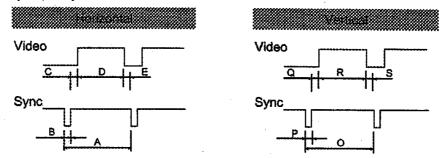
# **■** Environmental Specifications

ITEM		SPEC.
Tonnorsture	Operating	32°F to 104°F(0°C to 40°C)
Temperature		477 to 1407 (2010) 000 C
Humidity		10% to 85% R.H. Non-condensing

# Troubleshooting

## Preset Timings

This Monitor 1772E has preset modes for the 8 most popular industry standards for "Plug and Play" capability.



Resolution	le le	M	VES	A
	VGA/70Hz	VGA/60Hz	640/75Hz	640/85Hz
Timing	720×400	640×480	640×480	640×480
	11.0	27.460	97	43.265
Αμ sec	31.777	31.777	26.667	23.111
B µ sec	3.813	3.813	2.032	1.556
C µ sec	1,907	1.907	3.81	2.222
D u sec	25.422	25,422	20.317	17.778
Eusec	0.636	0.636	0.508	1.556
			7-4	85 308
Omsec	14.268	16.684	13.333	11.764
Pmsec	0.064	0.064	0.08	0.069
Qmsec	1.08	1.048	0.427	0.578
Rmsec	12.711	15,253	12.8	11.093
Smsec	0.413	0.318	0.027	0.023
Contractors.	89.329	200		
H-Polarity	Negative	Negative	Negative	Negative
V-Polarity	Positive	Negative	Negative	Negative

Resolution	VESA				
\	800/75Hz	800/85Hz	1024/75Hz	1024/85Hz	
Timing	800×600	800×600	1024×768	1024×768 -	
Herrigen B. H.Z.	46, 675	53,474	80.623	88.877	
A μ sec	21.333	18.631	16.660	14.561	
B.µ sec	1,616	1.138	1.219	1.016	
Сивес	3.232	2.702	2.235	2.201	
D µ sec	16.162	14.222	13.003	10.836	
E µ sec	0.323	0.569	0.203	0.508	
V Fracting					
Omsec	13.333	11.756	13.328	11.765	
Pmsec	0.064	0.056	0.050	0.044	
Qmsec	0.448	0.503	0.466	0.524	
Rmsec	12.8	11.179	12.795	11.183	
Smsec	0.021	0.019	0.017	0.015	
				44.6	
H-Polarity	Positive	Positive	Positive	Positive	
V-Polarity	Positive	Positive	Positive	Positive	

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# **DECLARATION OF CONFORMITY**

PRODUCT NAME:17" COLOR MONITOR

MODEL NUMBER:1772ED

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B

OPERATING ENVIRONMENT FOR HOME OR OFFICE USE

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## Introduction

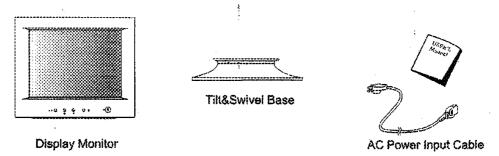
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State	LED	Power	Recovery Time
	9 500	N. 64	
Stand by	Green	< 60 Watts	2Sec
112,000	COMPANY STORY		
off	Green/Blink	< 3 Watts	15Sec

The monitor goes into various power saving stages depending on the incoming video signal as shown in the following table

State	Horizontal Sync	Vertical Sync
200		
Stand by	Off	On
suspend		
off	off	off

#### Note

The monitor automatically goes through the DPMS steps when it is idle.

To release the monitor from the DPMS condition, press any key on the keyboard or mouse.

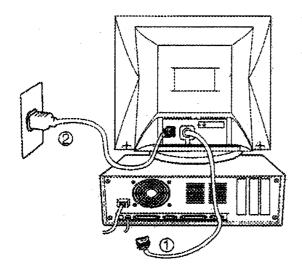
Installation

FCC ID: KXY1772

# Connection to your computer

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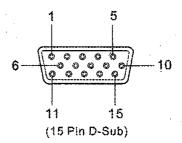
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Pin No.	Assignment
	596.00
2	Green Video
	Title Wile
. 4	Frame Ground
	Gersages
6	Red Video Ground
	Corest Gloric Caracitt
8	Blue Video Ground
	34.0
10	Sync. Ground
	GREGORIC
12	SDA
	M-Syric
14	V-Sync.

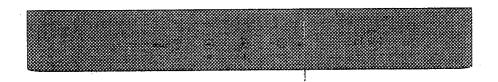
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## Controls

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    - +: Direct access to Contrast controls.
  - 2) When Main menu is displayed.: Moves to function what you want to adjust.
  - 3) When the Sub menu is displayed.: Controls the amount what you want to adjust.
- MENU: Displays OSD main Menu.
  - 1) When Main menu is displayed.: Selects function with RED ICON.
  - 2) When Sub menu is displayed.: Seects function with RED ICON.

#### Additional front controls

- Power Switch: Turns the monitor power on or off. When the power is on, the LED is on.
- LED Power indicator Light: Located left side of the power switch and indicates the monitor's power mode. Each mode reduces the amount of power used by the monitor.

Accessing on screen menu

Press MENU Button.

Tu	rning oif on screen menu –			
,	When in the main menu, press	, ( <u>-</u>	button.	
	When in submenus, press the		button twice	

# Controls

# OSD Menu

OSD MENU	MENU		+	. 🗗
1. NO OSD	Proceeds to NO.2	Proceeds to NO.3	Proceeds to NO.4	No meaning
2. MAIN MENU 中国工量的 中國中配因	The function with RED ICON is -Performed: Recall, Degauss -Selected and blinked: Color Adjust, Zoom -Proceeded: Others	Moves to function y	vou want.	Exit to No.1
3. BRIGHTNESS	Moves to No.2	Decreases the brightness	Increases the brightness	Exit to No.1
4. CONTRAST  () CONTRASY	Moves to No.2	Decreases the contrast	Increases the contrast	Exit to No.1
5. H/V-POSITION	Toggles horizontal or vertical position	Moves the image down or left in the selected function.	Moves the image up or right in the selected function.	Exit to No.2
6. H/V-SIZE	Toggles horizontal or vertical size	Shinks the image in the selected function.	Expands the image in the selected function.	Exit to No.2
7. GEOMETRY	Odd press :Selects and blinks the function with RED ICON	Controls the amour Selected funcion. (f controls menun det	Refer to Geometry	Exit to No.2
	Even press :Stops blinking and ready to move function you want.	Moves to function y	ou want.	Exit to No.2

# Controls

OSD MENU	MENU	-	+	<b>4</b>
8. MOIRE	Odd press Selects and blinks the function with RED ICON	Contros the amount of function. Please control in order the image not	ol these key	Exit to No.2
	Even press :Stops blinking and ready to move function you want.	Moves to function you	want.	Exit to No.2
9. LANGUAGES  • ENGLISH • GEOTOCK • FANCAIS • COPARCIS	Selects the languages with RED ICON and Exit to No.2	Moves to language yo	u want.	Exit to No.2
10. OSD POSITION  ED  ED  ED  ED  ED  ED  ED  ED  ED  E	Toggies OSD position horizontally or vertically.	Moves the OSD menu left or down in the selected function.	Moves the OSD menu right or up in the selected function.	Exit to No.2
11. COLOR MODE	Odd press :Blinks the RED ICON -color menu ICON.	Moves to color mode and the selected "color will blink	you want r mode"	Exit to No.1
	Even press :Stops blinking and ready to move function you want.	Moves to function you	want.	Exit to No.1
	When the color mode ICON is blinking in user mode, press, then go to color adjust mode No.12.	Marientale		
12. COLOR ADJUST MODE  888 GB BB RG GG BG USER 50	Odd press :Selects and bilinks the function you want.	Controls the amount o you want.	f function	Exit to No.1
RB-Red background raster GB-Green background raster SB-Blue background raster RG-Red level gain GG-Green level gain BG-Blue level gain	Even press :Stops blinking and ready to move function you want.	Moves to the function	you want.	Exit to No.1

## Controls

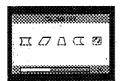
OSD MENU	MENU		+	4
13.ZOOM	Odd press :Selects zoom and blinks the zoom ICDN.	Shinks the image horizontally and vertically.	Expands the image horizontally and vertically.	Exit to No.1
C T T T T T T T T T T T T T T T T T T T	Even press :Stops blinking and ready to move another function.	Moves to the fur	nction you want.	Exit to No.1

- Recall( (配 ) : Recall control to the factory setting resets all the controls within the all menu. if you want to return to the factory mode setting, press menu key on Recall ICON.
- Degauss( 14- ): Eliminates the build-up of stray magnetic fields which after the correct scan of the electron beams and affect the purity of the screen colors, focus and convergence. When pressed, you screen image will jump and waver a bit as the screen is demagnetized.

**▲**Caution

:Please allow aminimum of 20 minutes to elapse between uses of the Degauss button. Do no hold the button down continuously to avoid decreasing the life the Deguass circuitry.

#### **X** Geometry Controls Menu



The Geometry controls allow you to adjust the curvature or angle of the sides of you display.

- Pincushion :Increases or decreases the curvature of the sides either inward or outward.
- Parallelogram :Increases or decreases the tilt of the sides either to the left or right.
- Paramenogram : inicreases of decreases me through sides either to the fett of hight.
- Trapezoid :Increases or decreases the bottom of the screen to be the same as the top.
- Pin Balance :Increases or decreases the curvature of the sides either to the left or right.
- Rotation :Increases or decreases the tilt of the screen image relative to a horizontal line.

Troubleshooting

# No picture

## *y*

- Check that the AC cord is correctly connected.
- Check that the AC socket is live by plugging in another piece of equipment.
- Power switch and computer power switch should be in position.
- Ensure that the signal cable is properly connected to the video card or PC.
- Ensure that the video card is securely seated in the PC.
- Check the connector for bent or pushed-in pins.
- Press a key on the keyboard or move the mouse, in case the screen power-saver mode has banked the screen.

## mage is scrolling or unstable

- Signal cable should be securely attached to the computer.
- Check the pin assignments and signal timings of the monitor and your video card with respect to recommended timings and pin assignments.
- Ensure that the video card is securely seated in the PC.

## Picture is fuzzy

- Adjust the Contrast and Brightness Controls.
- Push the Degauss Button once.

Caution: A minimum interval of 20 minutes should exist before the Degauss Button is used a second time. Do not hold the button down continuously.

## Picture bounces or a waving pattern is present in the picture

- Move electrical devices that may be causing electrical interference away from the monitor.
- See the inside front cover of this manual for FCC information.
- Unshieded audio speakers placed next to the monitor can cause picture distortion. Move the speakers away.

## Edges of the display image are not square

Adjust the distortion using the Side Pincushion or Trapezoid Pincushion Balance, Parallel adjustment controls under the on screen menu.

### Display image is not centered, too small, or too large

Adjust the horizontal and vertical image sizes using the Horizontal and Vertical Size adjustment controls under the on screen menu.

# Specifications

# **■** Electrical Specifications

iT	EM	SPEC.
CRT Type		17",90° deflection FAT
CATHORA	retal Controllar	G 250 tes
CRT S	Surface	Anti-reflection
Input	Syric	HAV COSPORTS TO DOSERVE RELIGIOSE  HAV COSPORTS TOLL DOSERVE REGION
Signal	Video	RGB Analog(0.7Vp-p), positive
	*1000	75 Ω Terminated
Scanning	P100277104	PIK Har (SIKHE ALICE) STEEL
frequency	Vertical	50Hz~160Hz(Automatically)
Navinon Respons		STORES 1.24 Literature (ferrare)
Pixel Clo	ock(Max.)	110MHz
DISM <b>a</b>		Hortoman Steamer, Vertigal Scotters
Power Consumption(Max.)		74 Watts
		10 - 20 - 10 - 10 - 10 - 10 - 10 - 10 -
luput Connector		D-Sub, 15Pin Connectors
2161		Heritad

# Mechanical Specifications

IT	EM	SPEC.
Dimannina	Unit	15.6" (W)×16.4" (D)×14.9/16.1(H) 397mm(W)×413mm(D)×378/410mm(H)
Dimension	CONTROL OF STANDARD CONTRO	
Mainht	Net	34,8lbs(15.8Kg)
Weight		35 Tiber 57, 23.63

> It is different according to option.

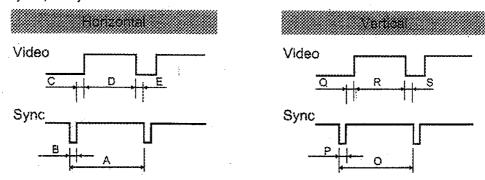
# **■** Environmental Specifications

ITEM		SPEC.
Tomporativo	Operating	32°F to 104°F(0°C to 40°C)
Temperature	200000	47-10/14/27/12/2016/00/00
Hum	nidity	10% to 85% R.H. Non-condensing

# Troubleshooting

# Preset Timings

This Monitor 1772ED has preset modes for the 8 most popular industry standards for "Plug and Play" capability.



Resolution	i8	M	VES	SA .
	VGA/70Hz	VGA/60Hz.	640/75Hz.	640/85Hz
Timing	720×400	640×480	640×480	√640×480
H-FredKHtr	31 469	31,469	37.5	43.269
Ausec	31.777	31.777	26.667	23.111
Визес	3.813	3.813	2.032	1.556
C µ sec	1.907	1.907	3.81	2.222
Dµ sec	25.422	25.422	20.317	17.778
E µ sec	0.636	0.636	0.508	1.556
Fregition	79.00	59.94	75	15.02
Omsec	14.268	16.684	13.333	11.764
Prisec	0.064	0.064	0.08	0.069
Qmsec	1.08	1.048	0.427	0.578
Rmsec	12.711	15.253	12.8	11.093
Smsec	0.413	0.318	0.027	0.023
20 A 60 C 10 PM	27.00			
H-Polarity	Negative	Negative	Negative	Negative
V-Polarity	Positive	Negative	Negative	Negative

Resolution	VESA			
	800/75 -lz	800/85Hz	1024/75Hz	1024/85Hz
Timing	800×600	800×600	1024×768	1024×768
H-Frequence	48 875	8.00	50.000	49.677
Аизес	21.333	18.631	16.660	14.561
8 µ sec	1.616	1.138	1.219	1.016
Си sec	3.232	2.702	2.235	2.201
Dµ sec	16.162	14.222	13.003	10.836
E µ sec	0.323	0.569	0.203	0.508
a-Fredher	75	45.64	75.029	04.097
Omsec	13.333	11.756	13.328	11.765
Pmsec	0.064	0.056	0.050	0.044
Qmsec	0.448	0.503	0.466	0.524
Rmsec	12.8	11.179	12.795	11.183
Smsec	0.021	0.019	0.017	0.015
Pio resentation	49.5	20.22	78.775	94.5
H-Polarity	Positive	Positive	Positive	Positive
V-Polarity	Positive	Positive	Positive	. Positiv <del>e</del>