

EXHIBIT 7
USER'S MANUAL OF EUT

INTRODUCTION

Congratulation on your purchase of MicroScan 5PD color monitor! This monitor incorporates DDC (Display Data Channel) technology to be Plug and Play compliant. MicroScan 5PD offers a maximum resolution of 1600 x 1200 and is a high-contrast color monitor that addresses and satisfies the needs of business, desktop publishing and CAD/CAM users. The DDC is a standard set by VESA™ (Video Electronics Standards Association) which allows the monitor to automatically adjust to its optimum performance when information stored in the monitor is sent to the graphics controller.

Features

- 17- inch (16-inch viewable image) microprocessor- based display.
- Plug and Play functionality automatically adjusts the monitor to its optimum performance.
- The VESA DPMS-compliant power-saving feature automatically powers down the monitor after a user-defined period of inactivity.
- All parameters in each of the display modes reside in the microprocessor-based control system. Settings are built in for existing VGA standards, 800 x 600, 1024 x 768, 1280 x 1024, and 1600 x 1200 modes.
- EasyScreen™ allows on-screen easy adjustment of Horizontal Size/Position, Vertical Size/Position, Pincushion, Trapezoid, Tilt, Color Adjustment, Language, Power Saver, Display Mode, and Factory Reset.

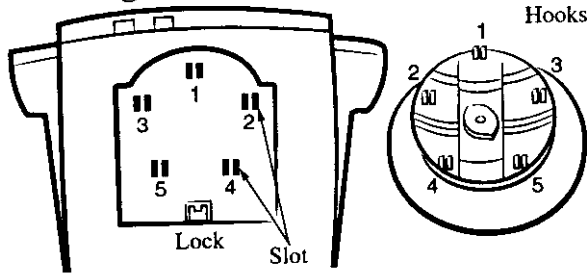
Unpacking

Check that four items are present and in good condition:

1. MicroScan 5PD Color Monitor (with Video Signal Cable)
2. Assembly Base
3. Power Cord
4. Microphone Cable (Stereo type)
5. User Manual

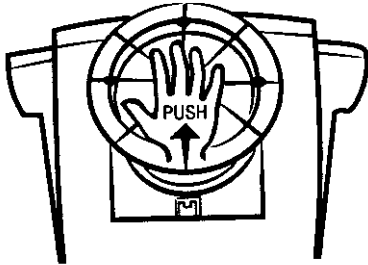
GETTING STARTED

Installing and Removing the Assembly Base



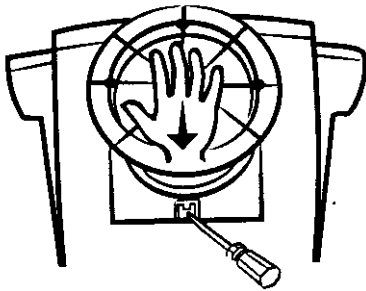
Put the labeled hooks onto the corresponding slots on the bottom of the monitor.

Installation



Push down and forward the base in the direction of the arrow.

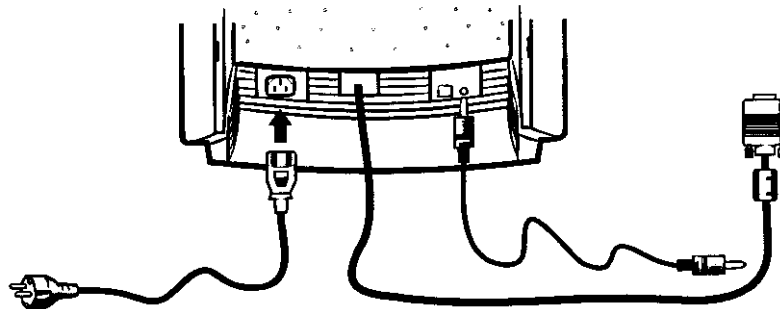
Removing



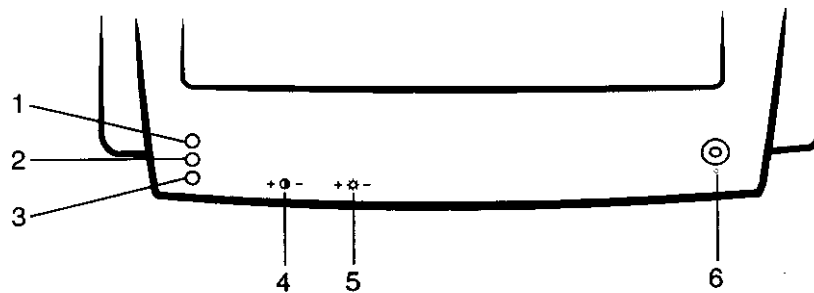
Press down the lock with a screwdriver and remove the base in the direction of the arrow.

Connecting your monitor

1. Turn off the power of your computer and other devices.
2. Connect ① the video signal cable of the monitor to the 15-pin connector of the video port in your computer.
3. With the monitor switched off, attach ② the power cord to the monitor and then to a grounded power outlet.
4. Connect ③ the microphone cable one end to the rear of your monitor and the other end to the back of your computer.
5. Turn on the monitor and computer.
6. If necessary, adjust the front panel controls accordingly to your personal preference.

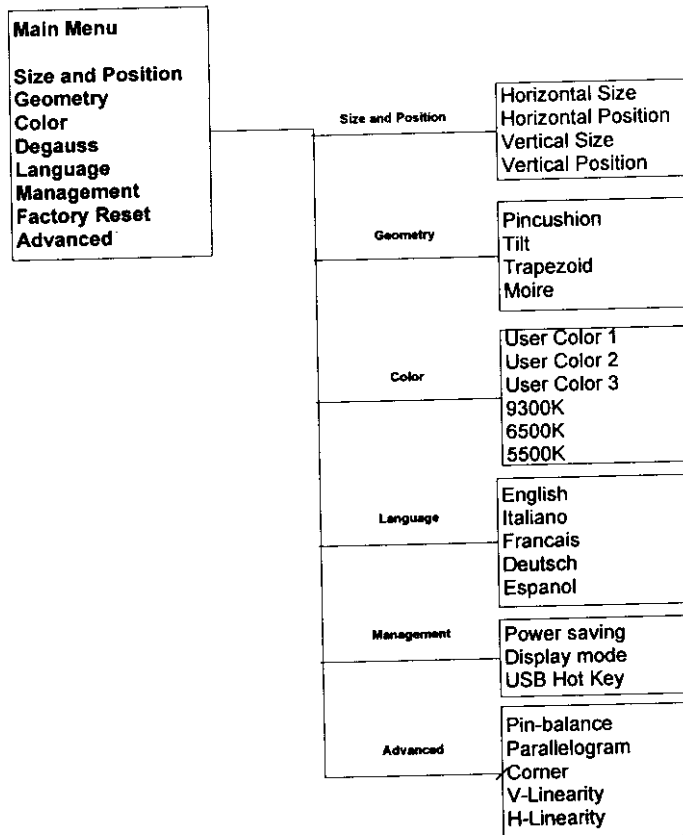


LOCATION OF CONTROLS



- 1 **Increase** + Scrolls up and increase the value of a parameter in EasyScreen™.
- 2 **Function** ◇ Displays EasyScreen™ on-screen display.
- 3 **Decrease** - Scrolls down and decrease the value of a parameter in EasyScreen™.
- 4 **Contrast** ● Adjust the image brightness in relation to the background.
- 5 **Brightness** ☀ Adjust the overall image and background brightness level.
- 6 **Power** ⓐ Turns the monitor On/OFF. The green light or no light signals ON or OFF respectively.

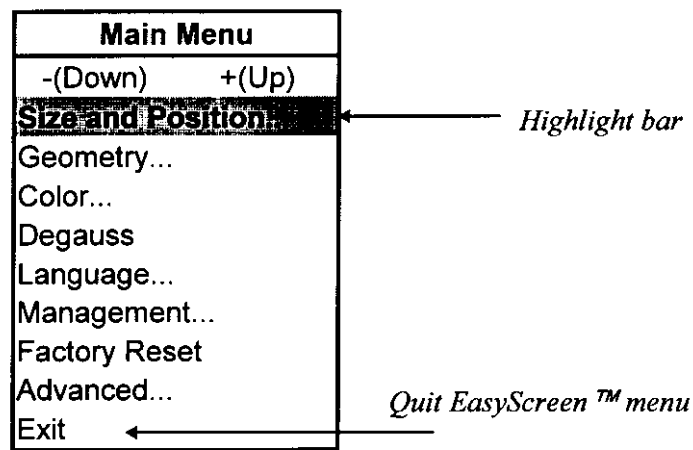
Quick glance



EASYScreen™ ADJUSTMENT CONTROLS

Step 1: Press <Function> key on the front panel to show the Main Menu.

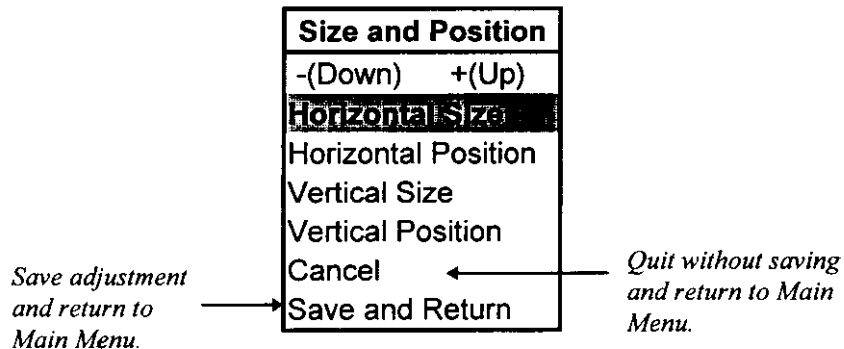
Step 2: Press <+> or <-> key to scroll up or down the Main Menu and then press <Function> key to enter into the secondary menu.



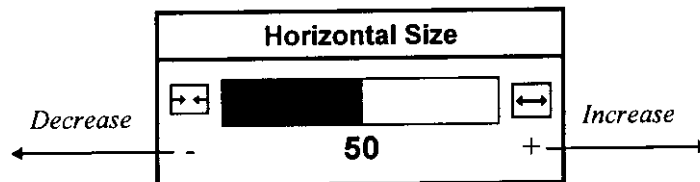
Size and Position

Step 1: Use <+> or <-> key to scroll up or down.

Step 2: Press <Function> key to select a parameter in Size and Position menu.



Second level menu:



- Step 1: Use <+> or <-> key to adjust parameter.
- Step 2: Press <Function> key to save the adjustment and return to the Size and Position menu.
- Step 3: If any adjustment of a parameter is made, the light bar will automatically pop on Save and Return once you get out of the second menu of Size and Position. Press <Function> key to confirm the changes.
- If no adjustment is made, the highlight bar will lay on Cancel.

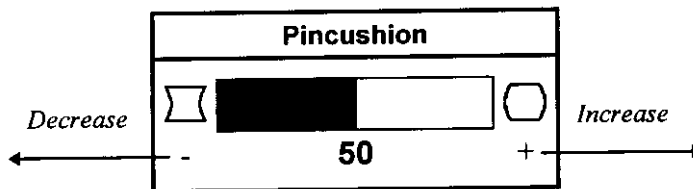
Functions	← →	↔	Description
Horizontal Size:	← →	↔	Increases or decreases the screen size horizontally.
Horizontal Position:	□ □	□ □	Moves the screen position left or right.
Vertical Size:	↑ ↓	↑ ↓	Increases or decreases the screen size vertically.
Vertical Position:	□ □	□ □	Moves the screen position up or down.

Geometry

- Step 1: Use <+> or <-> key to scroll up or down.
- Step 2: Press <Function> key to select a parameter in Geometry menu.

Geometry	
-(Down)	+(Up)
Pincushion	
Trapezoid	
Tilt	
Moire	
Cancel	
Save and Return	

Second level menu:









Step 1: Use <+> or <-> key to adjust parameter.

Step 2: Press <Function> key to save the adjustment and return to the Geometry menu.

Step 3: If any adjustment of a parameter is made, the light bar will automatically show on Save and Return once you get out of second menu of Geometry menu. Press <Function> key to confirm the changes.

If no adjustment is made, the light bar will lay on Cancel.

Functions	-	+	Description
Pincushion:			Curves left and right sides of the screen inward or outward.
Trapezoid:			Minimizes trapezoid distortion of the screen.

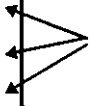
Tilt:		Rotates image clockwise or counter clockwise.
Moire:		Removes the moire patterns.

Color

Step 1: Use <+> or <-> key to scroll up or down.

Step 2: Press <Function> key to select a parameter in Color menu.

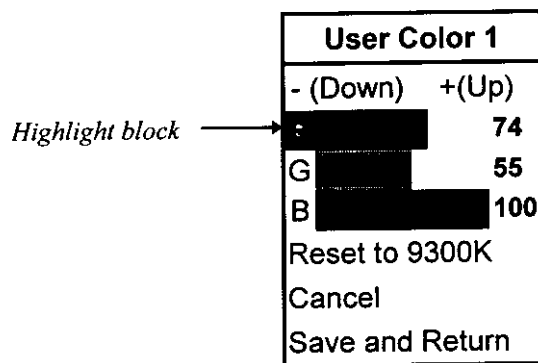
Color	
-(Down)	+(Up)
User Color 1	
User Color 2	
User Color 3	
9300K	
6500K	
5500K	
Cancel	
Save and Return	


Color temperature

Functions	Description
User Color 1	Adjusts parameters for the colors Red, Green and Blue
User Color 2	Adjusts parameters for the colors Red, Green and Blue
User Color 3	Adjusts parameters for the colors Red, Green and Blue

9300K	Preset color mode 1
6500K	Preset color mode 2
5500K	Preset color mode 3

Second level menu:



The highlight block will lay on R once you get into User Color 1/2/3 menu.

- Step 1: Use <+> or <-> key to scroll up and down the menu.
- Step 2: Press <Function> key to select between R/G/B parameter.
You may select Reset to 9300K as well if you prefer preset color temperature.
- Step 3: Once you see R/G/B block in blinking, use <+> or <-> key to adjust parameter.
- Step 4: Press <Function> key to finish the parameter adjustment.
- Step 5: Once you finish adjustments, scroll the highlight bar to Save and Return to save and return to Color menu.
Select Cancel will quit User Color 1/2/3 without saving adjustments.

Degauss

Demagnetizes the monitor and corrects color impurity caused by external magnetic field. Degaussing should not be used often, and should keep 10 minutes lapse time before doing the second time.

Language

Press <Function> key to choose from the English, German, French, Spanish and Italian/Dutch to your EasyScreen™. Each language appears in its own native translation. Upon selecting a language, the following menus will be displayed in that language.

Step 1: Use <+> or <-> key to scroll up or down.

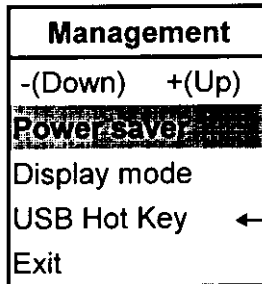
Step 2: Press <Function> key to select a parameter in Language menu.

Language	
-(Down)	+(Up)
English	
Italiano	
Français	
Deutsch	
Español	
Cancel	

Management

Step 1: Use <+> or <-> key to scroll up or down.

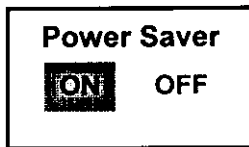
Step 2: Press <Function> key to enter different functions as indicated below:



USB OSD software is only available in the presence of USB hub; ADI USB hub is an optional accessory and is sold separately.

Second level menu:

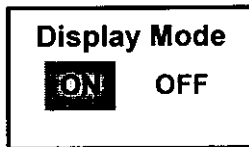
Power Saver: Activates or deactivates Display Power Management System (DPMS).



Step 1: Use <+> or <-> key to select On/Off.

Step 2: Press <Function> key to return to the Management menu.

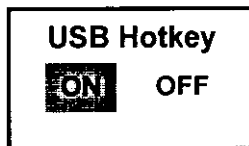
Display Mode: Activates or deactivates on-screen display of Preset Mode or User Mode by mode change.



Step 1: Use <+> or <-> key to select On/Off.

Step 2: Press <Function> key to return to the Management menu.

USB Hot Key: Activates or deactivates USB monitor control.



Step 1: Use <+> or <-> key to select On/Off.

Step 2: Press <Function> key to return to the Management menu.

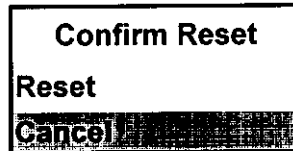
Notes: For USB hub and monitor control installation or further details, please refer to USB hub user's manual.

Factory Reset

Factory Reset is to reset the on-screen parameters to its factory settings.
The default is Cancel.

Step 1: Use <+> or <-> key to select between Reset/Cancel.

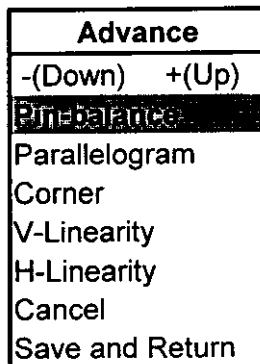
Step 2: Press <Function> key to reset/cancel and return to the main menu.



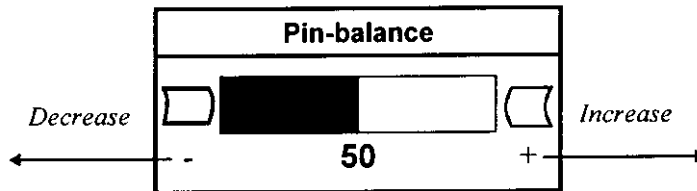
Advance

Step 1: Use <+> or <-> key to scroll up or down.

Step 2: Press <Function> key to select a parameter in Advance menu.



Second level menu:



- Step 1: Use <+> or <-> key to adjust parameter.
- Step 2: Press <Function> key to save the adjustment and return to the Advance menu.
- Step 3: If any adjustment of a parameter is made, the light bar will automatically show on Save and Return once you get out of second menu of Geometry menu. Press <Function> key to confirm the changes.

If no adjustment is made, the light bar will lay on Cancel.

Functions	-	+	Description
Pin-balance:			Adjusts concavity of the screen in one direction.
Parallelogram			Adjusts the parallelogram of the screen.
Corner			Curves the corners of the screen.
V-Linearity			Corrects the vertical linearity of upper half/lower half parts of the screen proportionally.
H-Linearity			Corrects the horizontal linearity of left/right half parts of the screen proportionally.

Exit

Quit the EasyScreen™ on-screen display.

TROUBLE SHOOTING

Warning messages	Possible causes	What to do
Input signal out of range	Power LED is in flash amber. Input signal of H-sync or V-sync is larger or smaller than its normal mode	Monitor will be in protect mode.
Check video cable	VGA cable is not properly connected.	Check VGA cable. This OSD message will stay on screen until VGA cable is connected to monitor or Power switch is turned off.

POWER CONSUMPTION

The monitor comes with a power saving feature that controls the power consumption of the monitor; therefore, you may put the monitor into a reduced power consumption state when it is not in use. This feature complies with both EPA's Energy Star requirements and European NUTEK/TCO's power management guidelines. It conforms with Video Electronics Standard Association (VESA) approved DPMS power-down signaling method.

Mode	H-sync	V-sync	Power consumption
Normal	active	active	110 watts (max.)
Standby/Suspend	active	inactive	15 watts (max.)
	inactive	active	15 watts (max.)
Off	inactive	inactive	8 watts (max.)

PRESET MODES

There are 12 preset modes and 4 user modes. The following modes are preset as factory defaults:

Preset mode	F_H	F_V	Standard
640 x 480	31.5 kHz	60 Hz	VESA
640 x 480	37.5 kHz	75 Hz	VESA
800 x 600	37.8 kHz	60 Hz	VESA
640 x 480	43.3 kHz	85 Hz	VESA
800 x 600	46.8 kHz	75 Hz	VESA
832 x 624	49.7 kHz	75 Hz	MAC
800 x 600	53.7 kHz	85 Hz	VESA
1024 x 768	60.0 kHz	75 Hz	VESA
1280 x 1024	64.0 kHz	60 Hz	VESA
1024 x 768	68.7 kHz	85 Hz	VESA
1280 x 1024	80.0 kHz	75 Hz	VESA
1600 x 1200	82.7 kHz	65 Hz	VESA

** Video cable adapter needed for Macintosh and Quadra resolutions.*

SPECIFICATIONS

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Picture Tube	17" (16" diagonal viewable image) flat square tube (FST) with enhanced contrast, dark- tinted CRT, invar shadow mask, advanced anti-reflection, anti- glare, and anti- static coating with low electromagnetic field.
Dot Pitch	0.26mm
Rec. Resolution	1600 x 1200@ 65Hz, 1024 x 768@ 85Hz
Deflection Frequency	Horizontal: 30 to 86 KHz Vertical: 50 to 160 Hz
Max. Video Input Bandwidth	175 MHz
Display Area*	Factory Setting: approx. 300mm x 225 mm Active Area: approx. 320mm x 240 mm
Input Signals	Video: Analog. 0.7 V Sync: Digital 3.3 V
Input Connector	15-pin D-sub Type
Display Colors*	Analog input; unlimited colors
Power Source	90 - 132 VAC 184 - 264 (Auto range)
Power Consumption	110 watts (max.)
Power Management	EPA/ Energy Star, NUTEK/TCO compliant VESA DPMS signaling method
PnP Compatibility	VESA DDC 1 & 2B standards compliant

USB hub (option)	Locally powered hub with 4 downstream ports and 1 upstream port. (+5V, 2Amps. max; 0.5Amps. each port) Monitor control class
Audio	Speakers 3W x 2 (option) Built-in microphone
Front Panel Controls	-(Decrease), Function key, +(Increase), Contrast, Brightness, POWER
EasyScreen™	H-Size, H-Position, V-Size, V-Position, Pincushion, Tilt, Trapezoid, Moire, Color Adjustment, Management (Power Saver, Display Mode), Language, Degauss and Factory Reset, Pin-balance, Parallelogram, Corner, V-Linearity, H-Linearity
Safety Regulations	UL, CSA, TÜV, NORDIC (NEMKO, SEMKO, FIMKO, DEMKO)
EMI	FCC Class B, CISPR 22, VCCI CE, BCIQ
Ergonomics	DHHS, ZH 1/618, ISO 9241-3, TCO95
Monitor Dimension	415mm x 415mm x 452mm
Net Weight	16.4 kg
Ambient Temperature	Operating: 0°C - 40°C Storage: -20°C - 65°C
Humidity	Operating: 20% - 95% Storage: 10% - 95%

** Dependent on video controller/ card used*

NOTICE:

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