



**50" Plasma HDTV**  
P50W28A

Shown with Optional Stand Accessory

## P50W28A 50" Plasma HDTV Monitor Display

**DCDi**<sup>TM</sup>  
by FAROUDJA

HIGH-DEFINITION TELEVISION  
**HDTV**  
MONITOR

### 1366 x 768p Resolution

High resolution format produces extremely detailed imagery

### 600:1 High Contrast Ratio

Extremely sharp contrast between light and dark images

### Vertical Display Mode

### 620 cd/m<sup>2</sup> High Brightness

Renders an incredibly bright picture, even in well-lit areas

### Image Sticking Minimization, Pixel Orbitor, and White Wash Features

reduce phosphor burn and prolong the life of the plasma

### Aspect Ratio Correction

### Intelligent Image Scaling

O-Plus (Rembrandt) scan converter converts TV video data to PC formats without distortion or cropping images in either 4:3 or 16:9

### RS-232 Control and Discrete IR Controls

### Faroudja DCDi

Video de-interlacing and line doubling

### Other Model Available

P50W26B two-tone silver/black

zenith 



# P50W28A 50" Plasma HDTV Monitor Display

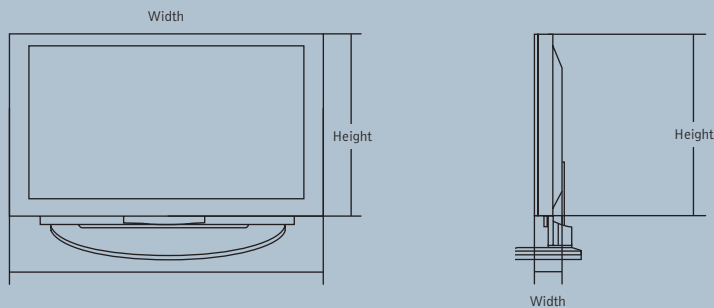
P50W26B Two-Tone Silver/Black



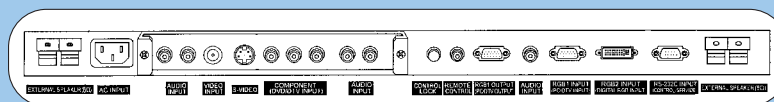
## DIMENSIONS

Front View with Base

Side View with Base



## REAR JACK PANEL



### JACK PACK

|                                      |     |
|--------------------------------------|-----|
| Hi-Res Component Video               | 1   |
| Audio Left/Right In/Loop Out         | 2   |
| Composite In                         | 1   |
| RGB In (15-Pin Type-D Connector)/Out | 1/1 |
| S-Video In                           | 1   |
| RS-232c (9-Pin Connector)            | 1   |
| DVI                                  | 1   |
| IR Jack                              | 1   |

### DIMENSIONS

|                     |                       |
|---------------------|-----------------------|
| Cabinet (W x H x D) | 48.15" x 28.9" x 4.1" |
| Weight              | 98.1 Lbs.             |

### CABINET DESCRIPTION

|                   |            |
|-------------------|------------|
| Finish            | Silver     |
| Cabinet Style     | Slim Frame |
| Power Consumption | 560W       |
| Power Source      | 120v 60Hz  |

### VIDEO ENHANCEMENTS

|                                    |                            |
|------------------------------------|----------------------------|
| Screen Size                        | 50"                        |
| Flat                               | Yes                        |
| Resolution Display                 | 1366 x 768p                |
| Pixel Pitch                        | 0.270 (H) x .810 (V)       |
| Aspect Ratio                       | 16:9, 4:3 Zoom             |
| Brightness                         | 620 cd/m <sup>2</sup>      |
| Contrast Ratio                     | 600:1                      |
| Viewing Angle                      | 160°                       |
| Format Conversion                  | Intelligent Image Scanning |
| Aspect Ratio Correction            | Yes                        |
| Scan Converter                     | 0-plus                     |
| Contrast                           | Yes                        |
| Brightness/Sharpness               | Yes                        |
| Tint                               | Yes                        |
| Video De-Interlacing/Line Doubling | Faroudja DCDi              |

### DISPLAY

|   |  |
|---|--|
| Display Frequency                       | 15.73 to 68kHz (H),<br>50 to 120Hz (V) |
| Displayable Colors                      | 16.77M                                 |
| Color Gradation Filter                  | Yes                                    |
| Input Signal                            | NTSC, HD, VGA, SVGA,<br>XGA, SXGA      |
| Display Modes                           | Normal, Wide, Zoom                     |
| Side Panels (Gray Bars for 4:3 Display) | Yes                                    |

### AUDIO ENHANCEMENTS

|                            |                  |
|----------------------------|------------------|
| Mono/Stereo/MTS/SAP        | Mono/Stereo      |
| Bass/Treble/Balance        | Yes              |
| Total Audio (Watts) Output | 20W (2 x 10W)    |
| Speaker Size (Dimensions)  | 135mm/964mm/99mm |

### SPECIAL FEATURES

|                                |  |
|--------------------------------|--|
| Acoustic Noise Reduction       | Yes  |
| Picture In Picture (PIP)       | Yes, Split Screen, Zoom                      |
| Multilingual Menus             | English/Spanish/French/<br>Portuguese/Korean |
| 1 Level Mute                   | Yes  |
| Shock Absorbing Glass Damper   | Yes, Tilt to 20°                             |
| Image Sticking Minimization    | Yes  |
| Pixel Orbitor                  | Yes  |
| White Wash                     | Yes  |
| RS-232 Control                 | Yes  |
| Discrete IR Controls           | Yes  |
| Detachable AV Terminal         | Yes  |
| Digital RGB (DVI)              | Yes  |
| White Balance Adjustment       | Yes  |
| Display Mode Change (Vertical) | Yes (P50W28A only)                           |
| Auto-Power On                  | Yes  |
| Discrete Power Off             | Yes  |
| Last Source On                 | Yes  |
| Orbital Function               | Yes  |

### OUTPUT RESOLUTIONS

|                            |             |
|----------------------------|-------------|
| NTSC, VGA, SVGA, XGA, SXGA | 1366 x 768p |
| HDTV                       | 1366 x 768p |

### OPERATING ENVIRONMENTS

|                           |                            |
|---------------------------|----------------------------|
| Storage Temperature Range | -20°C – 60°C               |
| Storage Humidity Range    | <85%                       |
| Altitude                  | 2,000m                     |
| Operating Temperature     | 0°C – 40°C & <80% Humidity |

### REQUIRED APPROVALS

|               |                   |
|---------------|-------------------|
| UL, C-UL, NOM | UL, C-UL, FCC (B) |
|---------------|-------------------|

### SERVICE/LIMITED WARRANTY

|                       |                |
|-----------------------|----------------|
| Warranty: Parts/Labor | 1 Year/1 Year  |
| MTBF (Approx.)        | 30K Hours      |
| Customer Service      | 1-888-865-3026 |

### ACCESSORIES (SUPPLIED)

|                   |              |
|-------------------|--------------|
| 15-Wire RGB Cable | Yes          |
| Remote Control    | SC3250       |
| Power Cord        | Yes – 6 Feet |
| DVI Cable         | Yes          |

### ACCESSORIES (OPTIONAL)

|                                    |                          |
|------------------------------------|--------------------------|
| Desktop Stand (P50WTS) (W x H x D) | 40.80" x 12.00" x 13.80" |
| Weight                             | 27.6 Lbs.                |
| Speaker (P50WSP) (W x H x D) each  | 4.7" x 28.9" x 3.5"      |
| Weight                             | 5.1 Lbs.                 |
| Speaker Stand (P50WSS) (W x H x D) | 10.31" x 6.59" x 10.59"  |
| Weight                             | 1.6 Lbs.                 |
| Wall Mount                         | PWMT200                  |

Zenith Electronics Corporation

2000 Millbrook Drive, Lincolnshire, IL 60069  
Web: www.zenith.com

Dimensions and weights are approximate. Design and specifications subject to change without notice.

The lightning 'z' and Resolution Revolution are trademarks of Zenith Electronics Corporation. ©2003 Zenith Electronics Corporation. Printed in the USA. Z50280103

