

AYDINDISPLAYS

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MODEL 4424HA

24" CONSOLE MOUNT
COLOR FLAT PANEL DISPLAY

FEATURES:

- Ultra Resolution, 1920 x 1200
- Anti-Reflective Protective Window
- Convenient Front Controls
- Wide Viewing Angle
- Picture-in-Picture

OPTIONS:

- Touchscreen

SPECIFICATIONS:

Active Display Area: 518.4 x 324.0 mm
(20.41" x 12.96")

Pixel Pitch: 0.270 x 0.270 mm

Brightness: 250 cd/m² (Typical)

Viewing Angle: ±89° All Directions (Typical)

Contrast Ratio: 1000:1 (Typical)

Response Time: 16 ms (Typical)

Display Colors: 16 Million

Input Signal: **Analog video:**
Video Sync: Analog 0.7 V p-p/75 Ω Separate sync. TTL level
Horizontal Sync: Positive/Negative
Vertical Sync: Positive/Negative
Composite Sync: Positive/Negative Sync on Green (Video 0.7p-p and Sync 0.3Vp-p)

Input Interface: VGA (HD15F), DVI-D (DVI-D Connector)

Video Input Impedance: 75 Ohms

Resolutions Supported:
640 x 480 @ 60 Hz
720 x 400 @ 85 Hz
800 x 600 @ 60 Hz
1024 x 768 @ 60 Hz
1280 x 1024 @ 60 Hz
1600 x 1200 @ 60 Hz

Native Resolution: 1920 x 1200 @ 60 Hz

Display Controls: Power, Brightness, Contrast

Picture-in-Picture: Horizontal Width, Vertical Height, Horizontal and Vertical Position

Remote Control: USB Interface for Control of Adjustments

Temperature: **Operating:** (Sea Level): 0 °C to 50 °C, MIL-STD810F (w/external fan cage or external forced air) Method 501.4/502.4, Procedure II
Storage: -40 °C to + 71 °C, MIL-STD-810F, Method 501.4/502.4, Procedure II

Humidity: **Operating/Storage:** 5 to 95% RH, Non-condensing, MIL STD-810F, Method 507.4

Altitude: **Operating:** 0 to 42,000 ft. above sea level, MIL-STD 810F, Method 500.4, Procedure II
Storage: 0 to 42,000 ft. above sea level, MIL-STD 810F, Method 500.4, Procedure I

Rapid Decompression: 5,680ft. to 40,000 ft. MIL-STD-810F, Method 500.4, Procedure III

Shock: **Operational:** 10g, 11ms, ½ Sine
Crash Safety: 40g, 11ms, ½ Sine

Vibration: MIL-STD-810F, Method 514.5 Category 12, Jet Aircraft

EMI: MIL-STD-461E

Power: **Supply:** 115 VAC 3-Phase, 400Hz
Power: 100 Watts
200 Watts with heater on

Dimensions: 23.50"W x 14.60"H x 3.65" DP

Weight: 31 lbs