



PMCD750 DLP® Display

700 SERIES, 50-INCH

Product Features

- Single Chip DLP Technology
- 50-Inch Diagonal Viewing Area
- 16:9 Format
- 1280 x 720 Display Resolution
- Exceptional Image Quality
- Outstanding Color Performance
- Progressive Scan
- Slim, Space-Saving Design
- Front Serviceable, No Rear Access Required
- Seamless Multi-Display Design (Zero-Mullion)
- Screen Brace Recommended for Use with Single Display; Required for Displays Used on Bottom Row of Multi-display/Wall Configuration



(A SINGLE PMCD750 DISPLAY IS SHOWN WITH OPTIONAL SCREEN BRACE)

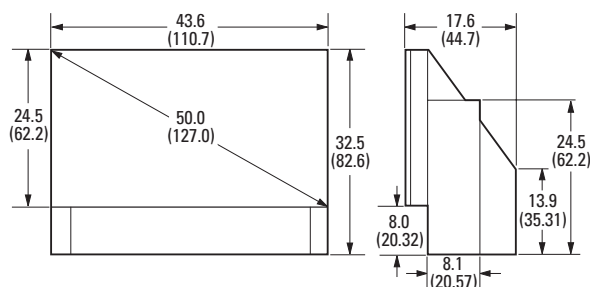
The **PMCD750** 50-inch display, with single chip DLP® (Digital Light Processing) technology, provides 100,000 hours of high quality images with outstanding color performance and brightness. Whether implemented as a stand-alone display, an alternative to conventional CRTs, or stacked to create a state-of-the-art video wall, the possibilities are virtually limitless.

The **PMCD750** provides the same approximate viewing area as 26 nine-inch monitors with a service life that is ten times greater, while consuming an average of 80% less power and requiring 20% of the physical space.

Because DLP technology is immune to image burn-in, a fixed image can be displayed over a prolonged period with no danger of image retention. The 1280 x 720 native resolution and 16:9 format of the **PMCD750** make it a great choice for any application requiring a large format display.

The zero-mullion (borderless) screen allows multi-display video walls to have a seamless appearance. The modular, stackable design allows for a variety of wall configurations of up to four units tall.

Display setup, control, and motorized image manipulation is fast and easy thanks to the supplied hand-held remote control. All maintenance can be performed from the front of the unit, eliminating the need to access the rear panel; because the **PMCD750** requires no rear space, the unit can be mounted flush or recessed in a wall or ceiling.



NOTE: VALUES IN PARENTHESES ARE CENTIMETERS; ALL OTHERS ARE INCHES.



C2928 / REVISED 1-07



International Standards
Organization Registered Firm;
ISO 9001 Quality System



TECHNICAL SPECIFICATIONS

MODELS

PMCD750-US	50-inch DLP display (United States)
PMCD750-UK	50-inch DLP display (United Kingdom)
PMCD750-EU	50-inch DLP display (Europe)

Supplied Accessories

Power cord
Remote control
VGA cable
DVI cable
Shims (12)
Suction cups (2)
Wall assembly hardware pack (for joining units, not for tie back support)

GENERAL

Display Resolution	1280 x 720 pixels (720 progressive)
Aspect Ratio (W/H)	16:9
Screen Dimensions	
Diagonal	50" (127 cm)
Width by Height	43.5" x 24.5" (110.5 x 62.2 cm)
Screen Type	High contrast acrylic
Viewing Angle (1/5th Gain)	±45° (H/V)
Mullion	<1mm
Brightness	350 nits (102 fTL)
Brightness Uniformity	>80%
Contrast Ratio	1500:1
Lamp Type	120W UHP
Lamp Life (Median)	6,000 hours
Color Wheel Life	20,000 hours
Colors	16.7 million
Display Technology	Single chip HD2+ DLP
Display Control	RS-232, RS-485 (with loop through), and IR remote

ELECTRICAL

Input Voltage	Autoswitching, 100-120/200-240 VAC, 50/60 Hz
Power Consumption	160 W
Heat, BTUs Per Hour	550 BTU
Data Input	
Analog	2 x VGA (supports 420p, 480p, 720p, 1080i HD formats and RGBHV) with loop through
Digital	DVI-D with loop through

PHYSICAL

Cabinet Dimensions	43.6" W x 32.5" H x 17.6" D (110.7 x 82.6 x 44.7 cm)
Maximum Tilt	15°
Maximum Stack Height	4 units (more than 2 units require tie back support; not included)
Unit Weight	68 lb (30.84 kg) approximate
Unit Shipping Weight	173 lb (78 kg) approximate

ENVIRONMENTAL

Operating Temperature	32° to 104°F (0° to 40°C)
Operating Humidity	20% to 80% noncondensing

CERTIFICATIONS

- CE
- UL Listed
- UL Listed to Canadian safety standards
- FCC, Class A
- C-Tick

OPTIONAL ACCESSORIES

PMCD750-CW	Replacement color wheel
PMCD750-FLTR	Replacement air filter
PMCD750-KIT	Accessory hardware kit. Includes 3 shims, 2 suction cups, 1 remote control, and various cables.
PMCD750-LAMP	Replacement lamp
PMCD750-RC	Replacement remote control
PMCD750-SB*	Screen brace for added stability and enhanced cosmetic appearance
PMCD750-SCRN	Replacement acrylic screen
PMVC4	A single multiviewer displays up to four composite video images on a single monitor using a VGA (analog) or DVI (digital) interface. A maximum of 15 units can be cascaded together to provide up to 60 video windows.
PMVR2	A single multiviewer displays video from up to two VGA or two DVI inputs (or one of each) on a single monitor using a VGA or DVI interface. A maximum of 15 units can be cascaded together to provide up to 30 video windows.

***Note:** A screen brace is recommended for single displays to provide additional stability and enhanced cosmetic appearance. It is required for every display on the bottom row of a multi-display/wall configuration.



CONNECTION PANEL



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