

# MicroTouch™

3M

## MicroTouch™ M170 LCD Touch Monitor



TOUCH MONITORS

### Product Highlights

- 400 cd/m<sup>2</sup>, 450:1 contrast ratio TFT LCD panel
- Peripheral Attachment System
- Maximum touch stability
- DVI-I digital and 15 pin D-sub analog video support
- User-lockable on screen display controls
- Locking display adjustment
- Warranty: 3-year FPD, 5-year touch sensor and components
- Proven 3M touch technology

### Designed to be Different

The MicroTouch™ M170 Touch Monitor from 3M was designed to be different. The result of extensive customer research, innovative industrial design, and years of touch technology expertise, the M170 monitor's unique mechanical and technology features offer premium performance for a wide-range of implementations.

- Remarkable touch stability provided by multiple, wide attachment points between the base and display, a unique unified strut support system, and a positive locking mechanism on the display angle adjustment.
- Display angle adjustable within a 95° range.
- Out-of-the-box wall mountable
- Easily secured to wall or countertop by keyhole slots in the sturdy steel baseplate.
- Peripheral Attachment System – Mount your preferred peripheral device or simultaneously mount multiple peripheral devices.
- Accepts both analog and DVI input.
- High quality TFT LCD panel delivers crisp, bright viewing from almost any angle.
  - 400 cd/m<sup>2</sup> brightness
  - 450:1 contrast ratio
  - 160° x 160° viewing cone
- Cables, connections and power supply are all concealed, and peripheral cables can be concealed as well.
- Complete multimedia package, lockable on-screen display controls, and full VESA-mounting compliance.

### The Right Touch

The MicroTouch M170 touch monitor is offered with a choice of MicroTouch 5-wire resistive technology or MicroTouch ClearTek™ capacitive touch technology to meet the unique demands of your application.

# Specifications

## MicroTouch™ M170 LCD Touch Monitor

### 17" LCD

#### FUNCTIONAL FEATURES

<b>LCD Technology</b>	TFT, Active Matrix
<b>Display Colors</b>	16M
<b>Pixel Pitch</b>	.264 mm
<b>Brightness without touch screen</b>	400 cd/m <sup>2</sup> typical
<b>Brightness with touch screen (max.)<sup>1</sup></b>	344 cd/m <sup>2</sup> typical
<b>Contrast Ratio</b>	450:1 typical
<b>Response Time</b>	16 ms typical
<b>Viewing Angle (from center)</b>	Horizontal: 160 degrees total typical Vertical: 160 degrees total typical
<b>Front Panel Buttons</b>	Menu, Select, Adjust, Power
<b>On Screen Display Controls</b>	Brightness, Contrast, Horizontal/Vertical Position, Clock, Phase, Auto Config., Color, Recall
<b>Maximum Resolution</b>	1280 x 1024
<b>Number of Allowable Unlit Pixels</b>	10
<b>Operating Environment</b>	Operating Temperature: 0 to 50 degrees C Relative Humidity, Non-condensing 95%
<b>Storage Environment</b>	-20 to +60 degrees C

#### PHYSICAL FEATURES

<b>Physical Dimensions (WxHxD) (Depth includes base)</b>	405 x 413.3 x 247 mm 15.9 x 16.3 x 9.7 inches
<b>Display Area (WxH)</b>	338.5 x 270.5 mm 13.3 x 10.6 inches
<b>Video Cable Connector</b>	15-pin D-sub, and DVI
<b>Power Supply</b>	12V DC Power Supply
<b>Power Savings<sup>2</sup></b>	DPMS, VESA Compliant
<b>Power Consumption</b>	25W, Normal Operation
<b>Backlight Life</b>	40,000 hrs. typical
<b>Weight (Net)</b>	8.6 kg/18.9 lbs.
<b>Agency Approvals</b>	FCC B, CE, UL/cUL, C-Tick, VCCI, CCC
<b>Mounting Options</b>	VESA mounting compatible, 100mm
<b>Multimedia</b>	Full multimedia capability
<b>Color Option</b>	Beige, Black
<b>Controller Option<sup>3</sup></b>	Serial, USB
<b>Warranty</b>	3 Years FPD 5 Years Touch Sensor and Components

- (1) Brightness measured using MicroTouch capacitive C-etch sensor.
- (2) DPMS: Display power management signaling for reduced power consumption during non-use.
- (3) USB Option, call for availability.

NOTICE: Given the variety of factors that can affect the use and performance of a 3M Touch Systems Product (the "Product"), including that solid state equipment has operation characteristics different from electromechanical equipment, some of which factors are uniquely within User's knowledge and control, it is essential that User evaluate the 3M Touch Systems Product and software to determine whether it is suitable for User's particular purpose and suitable for User's method of application. 3M Touch Systems' statements, engineering/technical information, and recommendations are provided for User's convenience, but their accuracy or completeness is not warranted. 3M Touch Systems products and software are not specifically designed for use in medical devices as defined by United States federal law. 3M Touch Systems products and software should not be used in such applications without 3M Touch Systems' express written consent. User should contact its sales representative if User's opportunity involves a medical device application.

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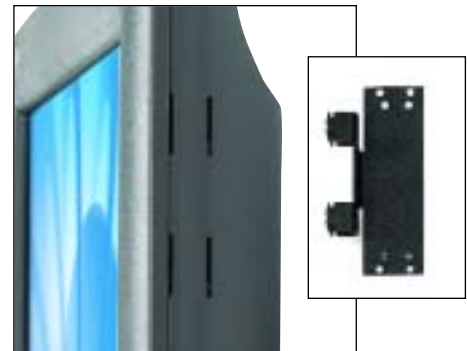
**Worldwide Manufacturing Plants:**  
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 Milwaukee, Wisconsin  
 Vancouver, BC Canada

**For more information on 3M touch products,  
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www.3Mtouch.com

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Peripheral attachment system



"Cable-Through-Bottom" routing option for seamless counter or wall installation



Wall-mounted configuration