

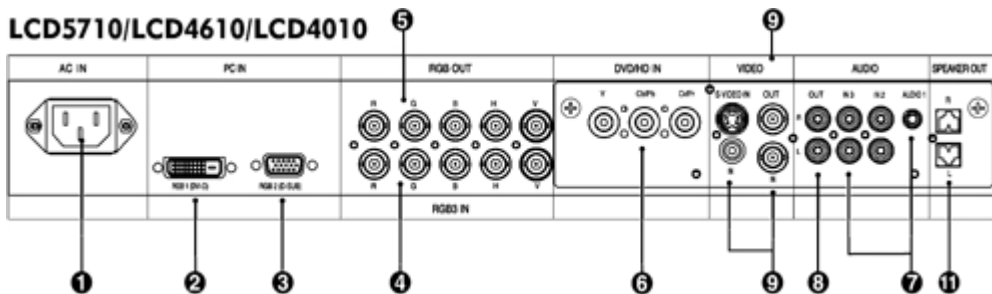
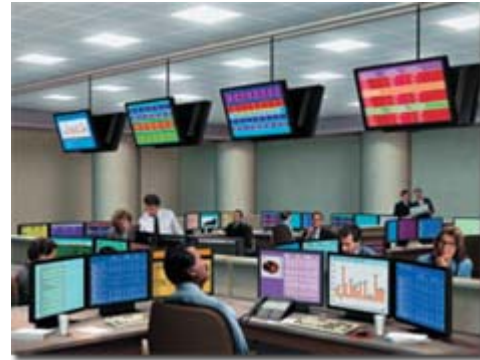


**Model:
RCH4000-TSB-DST**

40" Industrial touch Screen LCD-NEC-3M-DST

SERIES FEATURES AND BENEFITS

- .High brightness level and contrast ratio, measured according to VESA FPDM, enhance the visual experience
- .XtraView® technology allows for up to 176° wide-angle viewing
- .User-friendly, efficient design features VESA-standard mounting and an overall lightweight construction for easy transport and installation
- .Automatic black level adjustment regulates grayscale images for optimal picture quality
- .Reduced reflection and glare in high ambient light environments provide you with a more comfortable view of the screen
- .Optional detachable speakers deliver an enhanced multimedia experience with amazing sound quality
- Rapid Response™ technology delivers virtually uninterrupted, undistorted viewing of high-speed, full-motion video

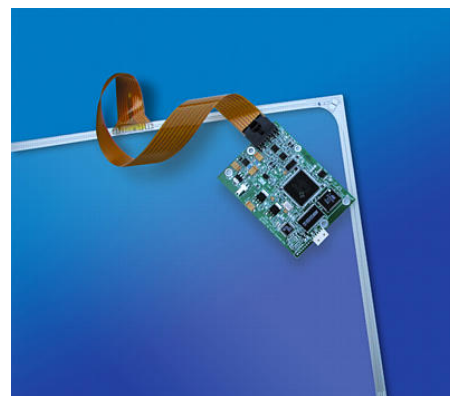


MicroTouch DST Large Format Touch System

Fundamentally Different Touch for Interactive Signage

For most popular large-format touch technologies touch position is calculated when a finger interrupts an optical field, infrared light beams or acoustic waves on or above the surface of the touch screen substrate. Relying on these active surface properties makes these technologies susceptible to different types of interference or environmental limitations, which makes 3M's Dispersive Signal Technology (DST) a fundamentally different touch solution for large-format display applications.

The MicroTouch DST Touch System, based on 3M Dispersive Signal Technology, consists of a chemically-strengthened glass substrate with piezos mounted on each corner, mated to a sophisticated, dedicated controller. The DST Touch System determines the touch position by pinpointing the source of bending waves created by finger or stylus contact within the glass substrate. This process of interpreting bending waves within the glass substrate helps eliminate traditional performance issues related to on-screen contaminants and surface damage, and provides fast, accurate touch attributes.





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Specifications

Accessories	Included: AC power cord, user manual, wireless remote control, batteries, 15-pin RGB cable, CD-ROM
Brightness	500 cd/m ² (typical)
Colors	256 RGB levels, more than 16 million colors
Contrast Ratio	800:1 (typical)
Dimensions	Net with stand: 38.7" (W) x 24.1" (H) x 13.0" (D) 981.8 x 611.1 x 330 mm Net without stand: 38.7" (W) x 22.8" (H) x 5.5" (D) 981.8 x 579.8 x 140 mm
Input Signal	Video: ANALOG RGB 0.7 Vp-p / 75 Ohms Separate sync: TTL Level (Positive/Negative) Composite sync: TTL Level (Positive/Negative) Composite sync on green: (0.3Vp-p negative 0.7Vp-p positive)
Input	RGB1: DVI-D RGB2: Analog D-sub RGB3: Analog BNC Video 1: Composite RCA or S-Video Component Video 1 (DVD/HD): Component BNC Audio: Audio 1 (minijack), Audio 2 and 3 Stereo (RCA) Internal Speaker: None External Control: RS232, DDC-CI
Limited Warranty	3 year including backlight
Operating Altitude	4,200m/13,780 ft.
Operating Humidity	20-80%
Operating Temperature	5-40 C/41-104 F
Pixel Pitch	0.648mm
Power Consumption	(typical) On: 230W Power Savings Mode: <5W
Power Supply	Power Consumption: On 230W Power Saving Mode: <5W
Recommended Resolution	1360 x 768 depends on graphics card used
Regulatory Approvals	UL 60950/CSA C22.2 No. 950/TUV-GS/EN60950/FCC-B/DOC-B/EN55022-B/EN55024/EN61000-3-2/EN1000-3-3/CE
Resolutions Supported	720 x 400 @ 70-85Hz 640 x 480 @ 60-85Hz 800 x 600 @ 60-85Hz 832 x 624 @ 74.5Hz 1024 x 768 @ 50-85Hz 1280 x 1024 @ 50-85Hz 1600 x 1200 @ 60 Hz (Compressed) 1280 x 768 @ 50-85 Hz 1360 x 768 @ 50-85 Hz NTSC/PAL, SECAM, 4.43NTSC, Pal60 HDTV, 480i, 480p, 720p, 1080i
Storage Altitude	12,000m/39,370 ft.
Storage Humidity	10-90%
Storage Temperature	-20-60 C/-4-140 F
VESA Hole Configuration Spec.	200 x 200 mm (8 hole) / 200 x 100 mm (6 hole)
Viewing Angle	Up 85 / Down 85 / Left 85 / Right 85 (typ.)
Voltage Rating	AC 100-120V / AC 220-240V @ 50/60 Hz
Weight	Net with stand: 60.6 lbs. / 27.5 kg Net without stand: 57.3 lbs. / 26.0 kg
Output	RGB: Daisychain RGB2, RGB3 Video: Daisychain Video1 Audio: Daisychain - Selected Audio in



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