20.3" Modero® X Series Panoramic Wall Touch Panel no Camera, no Microphone

MXD-2000XL-PAN-P-NC (FG5968-33) Portrait Wall Mount Touch Panel no Camera, no Microphone
MXD-2000XL-PAN-L-NC (FG5968-34) Landscape Wall Mount Touch Panel no Camera, no Microphone

Overview

See more and do more with the most elegant interface designed specifically for dedicated room control in restricted environments. The MXD-2000XL-PAN-P-NC and MXD-2000XL-PAN-L-NC are designed to exclude the camera, NFC, microphone and Bluetooth functions of the original Modero X Series panels to meet the security requirements of facilities that do not allow these capabilities.

The Modero X Series Touch Panels provide several industry firsts including a beautiful, panoramic capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. The panoramic design offers the ability to perform multiple functions simultaneously. Modero X Series is the control surface that simply delivers more.

Common Applications

The MXD-2000XL-PAN-P-NC and MXD-2000XL-PAN-L-NC are ideal for federal, state, and local government or military facilities with strict security restrictions due to the storage, use, discussion or electronic processing of sensitive or classified information. They feature modifications to support the added security measures necessary in secure environments such as sensitive compartmented information facilities, emergency operations centers or command headquarters. These modified panels give users robust functionality and capabilities while adhering to essential operational security guidelines.

Features

- **Panoramic Control Surface** – Combined with the new PanTastic UI, the panoramic touch panels take the user experience to a whole new level with an impressive control surface to perform activities much in the same way you use a computer – multi-tasking with dedicated spaces
- **Graphic Leaps & Bounds** – The Modero X Series includes some striking new intuitive UI functionality including: gesturing, swiping, dynamic reordering and enhanced animation capabilities
- **Perfect From Any Angle** – Includes In-Plane Switching (IPS), the latest technology in popular tablet/mobile devices that delivers the widest viewing angles and the most accurate color reproduction on the market Available Rack Mounting Kit – As an option, you can mount the 20.3" Modero X Series Panoramic Landscape Wall/Flush Mount Touch Panel directly to an equipment rack using the MXA-RMK-20 Modero X Series Rack Mount Kit (FG5969-60). The Kit includes a rack mount frame, screws and washers

Dealer Benefits

- **Attract More Specialized Customers** - The elegant design and robust security modifications are ideal for niched customers increasing the breadth and depth of dealers' current customer portfolio
- **Address Unique Requirements** – With a panoramic profile, the Modero X Series provides dealers with a solution for unique uses where multiple applications must be viewed simultaneously
- **Differentiate Yourself** – The Modero X Series offers design and technology features unmatched in the industry

Customer Benefits

- **Designed for Restricted Environments** – The modified features of this Modero X touch panel support the added security measures of many government and military facilities. Two-way transmission has been removed/disabled prohibiting any potential security threats
- **Multi-Task Capability** – The contemporary design provides a large control surface, which allows multiple views for different activities such as presenting, controlling and previewing
- **Simple to Use Interfaces** – The capacitive multi-touch screen combined with intuitive user-interfaces makes it easy for anyone to operate sophisticated meeting room equipment
- **Choose Horizontal or Vertical Orientation** - The 20.3" Modero X Series Panoramic Wall Touch Panel has models engineered to mount horizontally or vertically giving design flexibility for specific applications such as room scheduling, digital signage or access for people with disabilities

Specifications

TOUCH SCREEN DISPLAY	
Display Type	TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)
Display Size (WH)	Landscape: 20.4" x 9.5" (519 mm x 242 mm) Portrait: 9.5" x 20.4" (242 mm x 519 mm) 21.3" (541 mm) diagonal
Viewable Area (WH)	Landscape: 18.7" x 7.8" (475 mm x 198 mm) Portrait: 7.8" x 18.7" (198 mm x 475 mm) 20.3" (514 mm) diagonal
Resolution (WH)	Landscape: 1920x800 Portrait: 800x1920
Aspect Ratio (WH)	Landscape: 12:5 Portrait: 5:12
Brightness	250 cd/m2
Contrast Ratio	1000:1

Color Depth	16.7M colors
Illumination	LED
Touch Overlay	Projected capacitive, multi-touch support, 3 simultaneous max
Viewing Angle	Vertical ± 89°, Horizontal ± 89°

MEMORY	
SDRAM	512 MB
Flash	4 GB
Maximum Project Size	2.4 GB flash available to user

COMMUNICATIONS	
ETHERNET	10/100 port, RJ-45 connector. Supported IP and IP-Based Protocols: UCP, TCP, ICMP, ICSP, IGMP,DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
USB	(2) USB host 2.0, Type A ports (1 with limited physical access requiring right angle connection): Firmware upgrade, Touch Panel File Transfer, JPEG Image Viewer, HID Peripherals, USB Audio Output for Headsets (1) Micro-USB device port: Disabled

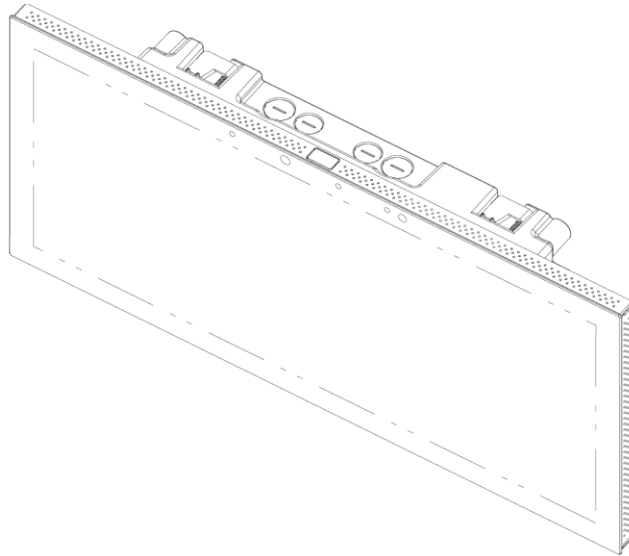| VIDEO	
Supported Video Codec	MPEG-2-TS: MPEG-2 Main Profile@High Level up to 720p at 25 fps (decode only) MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode) MJPEG up to 720p at 25 fps (decode only)
Supported Video Transport Streams	MPEG-TS for MPEG2 and H.264; HTTP for MJPEG
Max Number of Active Video Streams	One decode

AUDIO	
Speakers	4 ohm, 2 Watt, 300Hz cutoff frequency
Supported Audio Codecs	MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz) AAC-LC (8 kHz, 96 kHz) G.711 with µLaw (decode at 8kHz)
File Formats	WAV, MP3 (as part of touch panel file only - no USB storage)

GRAPHICS ENGINE	
AMX G4	G4 enhanced feature set supporting multi-touch and gestures, scrolling, transitions - See TPD4 Operations Guide for more information

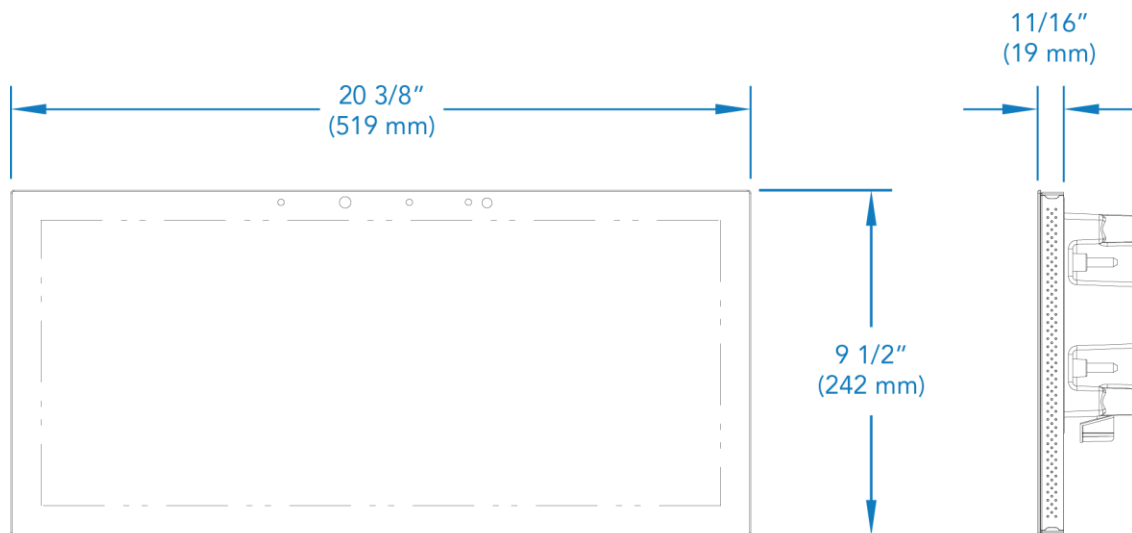| EMBEDDED APPLICATIONS	
Remote Management	VNC Server, G4 Web Control, AMX Resource Management Suite

FRONT PANEL COMPONENTS	
Light Sensor	Photosensitive light detector for automatic adjustment of the panel brightness
Proximity Detector	Max range = ~3', typ range = ~1', FOV = ~10 degrees
Sleep Button	Sleep button to activate sleep mode and powering off. Also provides access to setup pages (can be disabled)

CONNECTIONS	
Ethernet	10/100 port, RJ-45 connector
USB	(2) USB host 2.0, Type A ports (1) Micro-USB device port: Disabled
Power	2-pin, locking 3.5mm Phoenix connector

ENVIRONMENTAL	
Temperature (Operating)	32° F to 104° F (0° C to 40° C)
Temperature (Storage)	4° F to 140° F (-20° C to 60° C)
Humidity (Operating)	20% to 85% RH
Humidity (Storage)	5% to 85% RH
Power ("Heat") Dissipation	On: 109.2 BTU/hr, Standby: 10.6 BTU/hr

GENERAL	
Dimensions (HWD)	Landscape: 9 1/2" x 20 3/8" x 11/16" (242 mm x 519 mm x 19 mm), Portrait: 20 3/8" x 9 1/2" x 11/16" (519 mm x 242 mm x 19 mm)
Weight	9.1 lbs (4.13 Kg)
Power Consumption	Full-On: 32W, Standby: 3.10 W
Start-Up Inrush Current	4.0 A for 80 μsec
External Power Supply Required	Requires one of these AMX power sources (not included): PSN4.4 Power Supply, 4.4 A, 3.5 mm Phoenix, 13.5 VDC (FG423-45) MXA-MPL Modero X Series Multi Preview Live (FG5968-10) MXA-MP Modero X Series Multi Preview (FG5968-20)
Approvals	UL 60950-1 FCC Part 15 Class B C-Tick CISPR 22 Class B CE EN 55022 Class B and EN 55024 CB Scheme IEC 60950-1 IC IEC/EN-60950 RoHS/WEEE compliant
Included Accessories	Locking 2-pin Phoenix mate (41-0002-SA) MXA-USB-C, USB Port Cover Kit, Modero X Series Touch Panel (FG5968-18) MXA-CLK, Modero X Series Cleaning Kit (FG5968-16) Wall Template 20" (68-5968-01)
Optional Accessories	MXA-MP, Modero X Series Multi Preview (FG5968-20) MXA-MPL, Modero X Series Multi Preview Live (FG5968-10) Power supply, 4.4A, 3.5mm Phoenix, 13.5VDC (FG423-45) CB-MXP, Conduit Box, Modero X Series Touch Panel, Panoramic 19/20 (FG039-15) MXA-CLK, Modero X Series Cleaning Kit (FG5968-16)

	CSG, Communications Gateway (FG2182-01, -02, -03) MXA-RMK-20, Modero X Series Rack Mount Kit (FG5969-60)

For a more detailed pictorial drawing please visit: http://www.amx.com//assets/drawings/95-5968-05.pdf

MXD-2000XL-PAN
(Isometric View)

11/16"
(19 mm)

20 3/8"
(519 mm)

9 1/2"
(242 mm)

MXD-2000XL-PAN
(Front View)

MXD-2000XL-PAN
(Right View)