

# 7" Modero X<sup>®</sup> Series Tabletop Touch Panel, no Microphone

MXT-700-NC (FG5968-27) Tabletop Touch Panel, no Microphone



## Overview

The MXT-700-NC / 7" Modero X<sup>®</sup> Series Tabletop Touch Panel (No Camera, No Microphone) is specifically designed to exclude the camera, Near Field Communication™ (NFC), microphone and Bluetooth functions of the original Modero X Series panel 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, capacitive multi-touch screen that provides users access to multiple applications with minimal navigation. The distinctive, low-profile design is engineered to sit perfectly on a table without obstructing views, and comes with a variety of mounting options for added security and convenience.

## Common Applications

The MXT-700-NC is 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. It features 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

- **Graphic Leaps & Bounds** – The Modero X Series features 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

## Specifications

TOUCH SCREEN DISPLAY	
Display Type	TFT Active Matrix Color LCD with Fringe Field Switching (FFS) - Wide Viewing Angle Technology
Display Size (WH)	Landscape: 7.3" x 4.8" (186 mm x 122 mm), 8.8" (222 mm) diagonal
Viewable Area (WH)	Landscape: 6.05" x 3.54" (154 mm x 90 mm), 7.0" (178 mm) diagonal
Resolution (WH)	Landscape: 1024x600
Aspect Ratio (WH)	Landscape: 16:9
Brightness	400 cd/m2
Contrast Ratio	800:1
Color Depth	16.7M colors
Illumination	LED
Touch Overlay	Projected capacitive, multi-touch support, 3 simultaneous max
Viewing Angle	Vertical $\pm 89^\circ$ , Horizontal $\pm 89^\circ$

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

VIDEO	
Supported Video Codecs	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 MPEG-2 and H.264; HTTP for MJPEG
Max Number of Active Video Streams	One decode

AUDIO	
Speakers	4 ohm, 2 Watt, 300 Hz 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 $\mu$ Law (VoIP encode/decode at 8 kHz)
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)

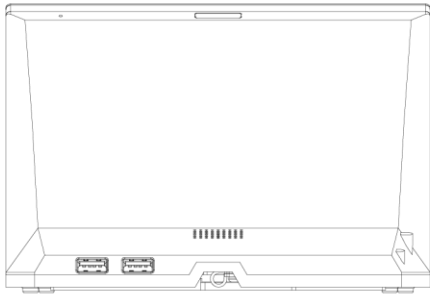
CONNECTIONS	
Ethernet	10/100 port, RJ-45 connector through cable extension
USB	(2) USB host 2.0, Type A ports
Power	PoE (Power over Ethernet), 802.3af, class 3

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: 18.5 BTU/hr Standby: 10.6 BTU/hr

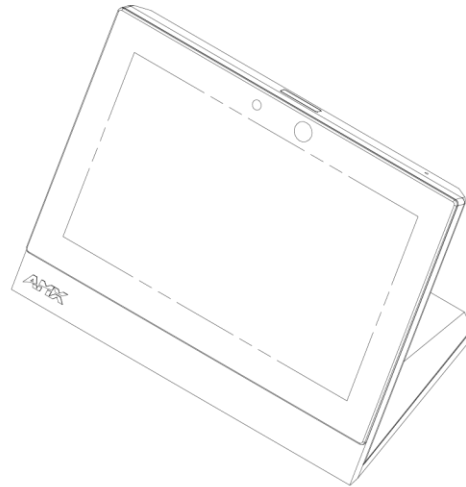
GENERAL	
Dimensions (HWD)	5" x 7 5/16" x 4 1/8" (126 mm x 187 mm x 105 mm)
Weight	1.8 lbs (0.82 Kg)
Power Consumption	Full-On: 8 W (max) Standby: 3.2 W Shutdown: 1 W
Start-Up Inrush Current	Not applicable due to PoE standard
External Power Supply Required	AMX recommends using one of these AMX approved PoE power supplies (not included): <ul style="list-style-type: none"> <li>• PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83)</li> <li>• NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)</li> </ul>
Regulatory Compliance	FCC Part 15 Class B CE EN 55022 CE EN 55024 CE EN 60950-1 IEC 60950-1 C-Tick CISPR 22 Class B IC UL 60950-1 RoHS WEEE
Included Accessories	<ul style="list-style-type: none"> <li>• MXA-USB-C, USB Port Cover Kit, Modero X/S Series</li> </ul>

	<p>Touch Panel (FG5968-18)</p> <ul style="list-style-type: none"> <li>• HPG-10, 3/4" Mini-Grommet (FG570-01)</li> <li>• MXA-CLK, Modero X/S Series Cleaning Kit (FG5968-16)</li> </ul>
Optional Accessories	<ul style="list-style-type: none"> <li>• MXA-STMK-07 Secure Table Mount Kit, 7" Modero X Tabletop (FG5968-67)</li> <li>• MXA-MP Modero X/S Series Multi Preview (FG5968-20)</li> <li>• MXA-MPL Modero X/S Series Multi Preview Live (FG5968-10)</li> <li>• PS-POE-AF-TC PoE Injector, 802.3AF Compliant (FG423-83)</li> <li>• HPG-10-10K 3/4" Mini-Grommet, 10-Pack (FG570-01-10K)</li> <li>• MXA-CLK Modero X/S Series Screen Cleaning Kit (FG5968-16)</li> <li>• NXA-ENET8-2POE Gigabit Ethernet Switch (FG2178-63)</li> <li>• MXA-USB-C USB Port Covers for the Modero X/S Series Touch Panels</li> </ul>

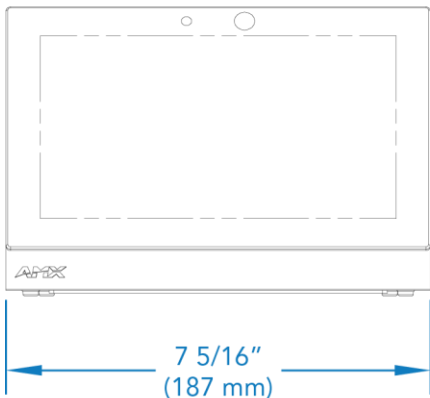
For a more detailed pictorial drawing please visit: <http://www.amx.com/products/MXT-700-NC.asp>



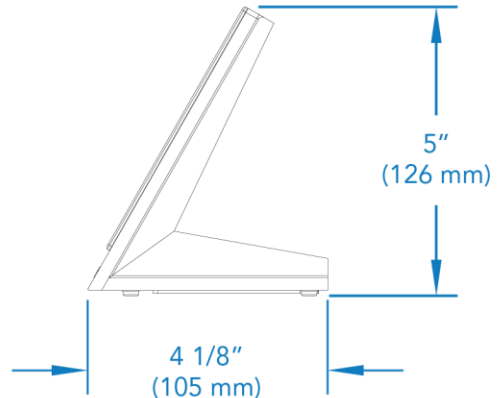
MXT-700  
(Back View)



MXT-700  
(Isometric View)



MXT-700  
(Front View)



MXT-700  
(Right View)

**About AMX by HARMAN**

Founded in 1982 and acquired by HARMAN in 2014, AMX® is dedicated to providing AV solutions for an IT World. AMX solves the complexity of managing technology with reliable, consistent and scalable systems comprising control, video switching and distribution, digital signage and technology management. AMX systems are deployed worldwide in conference rooms, classrooms, network operation/command centers, homes, hotels, entertainment venues and broadcast facilities, among others. AMX is part of the HARMAN Professional Group, the only total audio, video, lighting, and control vendor in the professional AV market. HARMAN designs, manufactures and markets premier audio, video, infotainment and integrated control solutions for the automotive, consumer and professional markets. Revised 06.20.16. ©2016 Harman. All rights reserved. Specifications subject to change.

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