

# 10.1" Modero X<sup>®</sup> Series G5 Retractable Touch Panel

MXR-1001-BL (FG5968-56) 10.1" Modero X Series G5 Retractable Touch Panel - Black

MXR-1001-SL (FG5968-57) 10.1" Modero X Series G5 Retractable Touch Panel - Silver



## Overview

The MXR-1001 / 10.1" Modero X<sup>®</sup> Series G5 Retractable Touch Panel is a 10" Modero X G5 Touch Panel that can be mounted within the table such that it is flush with the table when not in use. The motorized mount raises and retracts the panel with the press of a button or via NetLinX control. The MXR-1001 reduces clutter by mounting the control panel directly in the table, where it is completely hidden when not in use. This stylish, full-featured Modero X G5 10" panel is designed to look great when open or closed, retaining the legendary Modero X elegance while saving table space.

This custom-engineered retractable panel is thin in design, but packed with features. It includes all the key G5 capabilities that customers love, including fast and smooth animations and transitions along with a quad-core processor that provides more than enough processing power to run the most demanding applications today and in the future. The MXR-1001 also includes a built-in web browser and document viewers, enabling users to access real-time information during meetings or lectures. For a personalized user experience, the MXR-1001 also offers edge-to-edge capacitive touch glass with multi-touch capabilities.

## Common Applications

The MXR-1001 is ideal for high-end conference rooms, boardrooms and classrooms that require:

- A premium, elegant user interface that stays out of sight when not in use
- A clean, clear table surface
- Multiple user interfaces on the same table

## Features

- **Hideaway Panel** – Saves space and ensures that high-end rooms retain their premium styling by remaining flush with table when closed
- **Reinforced Thin Panel** – Panel is sleek and thin, while unique hinge design ensures that the panel remains sturdy when users press on it.
- **Perfect From Any Angle** – Includes In-Plane Switching (IPS) for the widest viewing angles and most accurate color reproduction on the market. Patent-pending technology automatically elevates and tilts the touch panel display to the ideal viewing angle when in use.
- **Motorized & NetLinX-Controllable** – Raise or lower the panel based on room occupancy, macros, or NetLinX events.
- **Premium Modero X G5 Control Panel** – In addition to the G5 graphics engine and Quad Core processor, the panel includes Microphone and Bluetooth.

- **G5 Graphics Engine and Quad Core Processing** – The most powerful processing in the industry delivers smooth gesturing, swiping, dynamic reordering, and enhanced animation with transitions all at higher speeds.
- **Simplified Enterprise Touch Panel and Firmware Updates** – Deploy and update touch panel files and firmware files from a network URL for simplified company-wide updates.
- **Built-in Web Browser, Document Viewers and Enzo Sharing** – Conveniently simplifies accessing and presenting real-time content and documents during meetings. Simply preview files accessed via the native web browser, USB, or cloud storage apps before sending content directly to Enzo. An upcoming firmware release will allow apps to be updated or disabled using the onboard G5 App Update Manager.
- **Adjustable Security Modes** – With the ability to select from high security or custom modes, administrators can customize the panel's security levels for access, networking and communication.
- **View and Select Dynamic Data with Listview Buttons** – Display a listing of entries generated by a dynamic data source (e.g. phonebook contacts, call logs, RSS feed or other real time data sources) enabling the user to scroll or search to make a selection. Demos are available in the UI Resource Center.

Specifications	
DIMENSIONS (HWD)	15.325" x 11.010" x 6.753" (389.25mm x 279.65mm x 171.53mm)
CUTOUT DIMENSIONS	10.701" x 1.984" (271.81mm x 50.39 mm)
WEIGHT	18.85 lbs (8.55 Kg)
POWER CONSUMPTION	<ul style="list-style-type: none"> <li>• Full-On: 15.6W (in motion) / Full-On (no motion): 7.2W</li> <li>• Sleep: 4.6W</li> <li>• Shut Down 0.12</li> <li>• Start-Up Inrush Current: 7.1 amps</li> </ul>
CERTIFICATIONS	<ul style="list-style-type: none"> <li>• FCC Part 15 Class B</li> <li>• C-Tick CISPR 22 Class B</li> <li>• CE EN 55022 Class B, EN 55024, and EN 55032</li> <li>• IC/CSA</li> <li>• IEC/EN-60950</li> <li>• UL 60950-1</li> <li>• RoHS/WEEE/ErP compliant</li> </ul>
TOUCH SCREEN DISPLAYS	<ul style="list-style-type: none"> <li>• Display Type: TFT Active Matrix Color LCD with In-plane Switching Technology (IPS)</li> <li>• Display Size (WH): 9.9" x 6.7" (252mm x 170mm), 12.0" (304mm) diagonal</li> <li>• Viewable Area (WH): 8.5" x 5.3" (217mm x 136mm), 10.1" (257mm) diagonal</li> <li>• Resolution (WH): 1280x800</li> <li>• Aspect Ratio (WH): 16:9</li> <li>• Brightness: 400 cd/m2</li> <li>• Contrast Ratio: 700:1</li> <li>• Color Depth: 16.7M colors</li> <li>• Illumination: LED</li> <li>• Touch Overlay: Projected capacitive, multi-touch support, 3 simultaneous max</li> </ul>
VIEWING ANGLE	<ul style="list-style-type: none"> <li>• Vertical: ± 89°</li> <li>• Horizontal: ± 89°</li> </ul>
EXTERNAL CONTROLS	<ul style="list-style-type: none"> <li>• Raise/Lower pushbutton with LED: Press to raise or lower the Touch Panel</li> <li>• Sleep Button: Press to activate sleep mode and powering off. Also provides access to setup pages for panel configuration. The Sleep button is located at the top center of the Touch Panel and can be disabled if desired. <i>For information on configuring and programming X Series G5 touch panels, refer to the Modero X® Series G5 Touch Panels Configuration &amp; Programming Manual.</i></li> </ul>
MEMORY	<ul style="list-style-type: none"> <li>• SDRAM: 2 GB</li> <li>• Flash: 16 GB</li> <li>• Maximum Project Size: 12 GB flash, available for apps and touch panel files</li> </ul>
COMMUNICATIONS	<ul style="list-style-type: none"> <li>• Ethernet: 10/100 Auto MDI-X port, RJ-45 connector. Supported IP and IP-Based Protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, SSH, FTP, DNS, RFB (for VNC), HTTP</li> <li>• USB: Two USB host 2.0, Type A ports that can be used for firmware upgrade, touch panel file transfer, document and image viewing, HID Peripherals</li> <li>• Bluetooth*:            Mouse/Keyboard: HID Profile v1.1, requires MXA-BT Bluetooth Adapter (FG5968-19)            Handset: Hands Free Profile v1.5, Headset Profile v1.2, requires MXA-BT Bluetooth Adapter (FG5968-19)</li> </ul>

	MXA-HST Bluetooth Handset (FG5968-17)
VIDEO	<ul style="list-style-type: none"> <li>Supported Video Codecs: <ul style="list-style-type: none"> <li>MPEG2-TS: MPEG-2 Main Profile @High Level up to 720p at 25 fps (decode only)</li> <li>MPEG-2-TS: H.264 High Profile @Layer 4, AAC-LC up to 720p at 25 fps (encode/decode)</li> <li>MJPEG up to 720p at 25 fps (decode only)</li> </ul> </li> <li>Supported Video Transport Streams: MPEG-TS for MPEG-2 and H.264, HTTP for MJPEG</li> <li>Max Number of Active Video Streams: 2 (720dpi/30fps)</li> <li>Video Conferencing: Panel-to-panel and video chat*</li> </ul>
AUDIO	<ul style="list-style-type: none"> <li>Microphone: -42 dB ±3 dB sensitivity FET microphone</li> <li>Speakers: 4 ohm, 2 Watt, 300 Hz cutoff frequency</li> <li>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 (VoIP* encode/decode at 8 kHz) Suggested max packet size for G.711 Voice: 20ms</li> <li>File Formats: WAV, MP3 (as part of touch panel file only - no USB storage)</li> <li>Intercom*: Full Duplex VoIP, SIP v2.0</li> </ul>
GRAPHICS ENGINE	AMX G5: G5 enhanced feature set supporting multi-touch and gestures, scrolling, transitions, and applications.
EMBEDDED APPLICATIONS	<ul style="list-style-type: none"> <li>Viewer Applications*: PDF, JPEG, BMP, PNG, TIFF, GIF</li> <li>Remote Management: VNC Server</li> <li>Video Conferencing: Skype</li> <li>Audio Conferencing: Audio (Full Duplex Intercom*)</li> </ul>
FRONT PANEL COMPONENTS	<ul style="list-style-type: none"> <li>Light Sensor: Photosensitive light detector for automatic adjustment of the panel brightness</li> <li>Proximity Detector: Max range = ~3', typ range = ~1', FOV = ~10 degrees</li> </ul>
CONNECTIONS	<ul style="list-style-type: none"> <li>Ethernet: 10/100 Auto MDI-X port, RJ-45 connector. Supported IP and IP-Based Protocols: UCP, TCP, ICMP, ICSP, IGMP, DHCP, SSH, FTP, DNS, RFB (for VNC), HTTP</li> <li>Power: 3-pin captive wire 24V</li> <li>USB: Two USB host 2.0, Type A ports that can be used for firmware upgrade, touch panel file transfer, document and image viewing, HID Peripherals</li> </ul>
ENVIRONMENTAL	<ul style="list-style-type: none"> <li>Temperature (Operating): 32°F to 104°F (0°C to 40°C)</li> <li>Temperature (Storage): 4°F to 140°F (-20°C to 60°C)</li> <li>Humidity (Operating): 20% to 85% RH</li> <li>Humidity (Storage): 5% to 85% RH</li> <li>Heat Dissipation: On: 53.2 BTU/hr, Standby: 24.6 BTU/hr</li> </ul>
INCLUDED ACCESSORIES	<ul style="list-style-type: none"> <li>PSR2.5 24VDC external power supply (FG423-47)</li> <li>Cardstock Installation Cutout Template</li> <li>11 Mounting Screws</li> <li>4 Mounting Clamps</li> <li>1 snap-on cable Ferrite</li> <li>1 Mounting Spacer / 4 screws (60-5968-115)</li> <li>MXA-USB-C, USB Port Cover Kit (FG5968-18)</li> <li>MXA-CLK, Modero X/S Series Cleaning Kit (FG5968-16)</li> </ul>
OPTIONAL ACCESORIES	<ul style="list-style-type: none"> <li>MX-AC-TMPLT-MXR10, Aluminum Installation Router Guide (FG559-96)</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>MXA-BT Bluetooth USB Adapter for Modero X/S Series (FG5968-19)</li> <li>MXA-HST, Bluetooth Handset for Modero X/S Series Touch Panels (FG5968-17)</li> <li>NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)</li> </ul>

#### 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 06.13.16. ©2016 Harman. All rights reserved. Specifications subject to change.

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