10.1" Modero® S Series Wall Mount Touch Panel

MSD-1001-L2 (FG2265-31)

Overview

The MSD-1001 / 10.1" Modero S Series Wall Mount Touch Panel is a versatile, yet affordable control surface that is equally suited for scheduling or room control. With a generous selection of mounting options, the MSD-1001 can be placed on any flat surface (including glass) inside or outside a conference room or classroom, and the built-in room availability bar shows green or red depending on if the room is currently booked. Key features include a brilliant 24-color depth, PoE connectivity, video streaming, and VoIP support – all at an economical price point.

Common Applications

- The MSD-1001 allows even the most cost sensitive meeting spaces to benefit from a dedicated scheduling panel, allowing users to view the room schedule at a glance and even reserve the room right from the panel.
- The MSD-1001 is also ideal as a second touch panel that is mounted on the wall or in a podium or lectern in a large conference room or classroom.

Features

- **Powerful Graphics** – Powered by the G4 graphics engine, the Modero S Series features streaming video and brilliant 24-bit color depth
- **Elegant Room Availability Bar with 180° Visibility** – Easily glance down the hall to see if meeting spaces are occupied
- **Mount to Any Smooth Surface Including Glass** – Use the optional Multi Mount Kit and mount the Modero S wall touch panel to any smooth surface
- **Elegant & Responsive User Interface** – Exclusive SmoothTouch™ display supports single touch gesturing and delivers responsive performance
- **Architectural Design Consistency** – Install both Modero S and Modero X touch panels throughout a facility for consistent style on any budget

Specifications

TOUCH SCREEN DISPLAY	
Display Type	TFT Active Matrix Color LCD
Display Size (WH)	Landscape: 9.1" x 5.9" (230 mm x 149 mm), 10.8" (274 mm) diagonal
Viewable Area (WH)	8.5" x 5.4" (217mm x 136mm), 10" (256 mm) diagonal
Resolution (WH)	1280x800
Aspect Ratio (WH)	16:9
Brightness	350 cd/m2
Contrast Ratio	800:1
Color Depth	16.7M colors
Illumination	LED
Touch Overlay	Resistive
Viewing Angle	85°/ 85°/ 85°/ 85° (Up/Down/Left/Right)

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

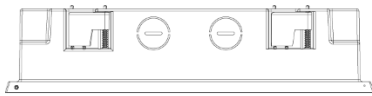| COMMUNICATIONS	
ETHERNET	10/100 port, RJ-45 connector. Supported IP and IP-Based Protocols: UCP, TCP, ICMP, ICSP, IGMP,DHCP, Telnet, FTP, DNS, RFB (for VNC), HTTP
USB	(1) USB host 2.0, Type A port: firmware upgrade, touch panel file transfer, JPEG image viewer, HID peripherals
Bluetooth®	Mouse/Keyboard: HID Profile v1.1 requires MXA-BT, Bluetooth USB Adapter for Modero X/S Series Touch Panels (FG5968-19) and MXA-HST, Bluetooth Handset for Modero X/S Touch Panels (FG5968-17)

VIDEO	
Supported Video Codecs	MPEG-2-TS: MPEG-2 Main Profile @ High Level up to 720p at 25 fps (decode) 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)
Supported Video Transport Streams	MPEG-TS for MPEG-2 and H.264; HTTP for MJPEG
Max Number of Active Video Streams	One decode

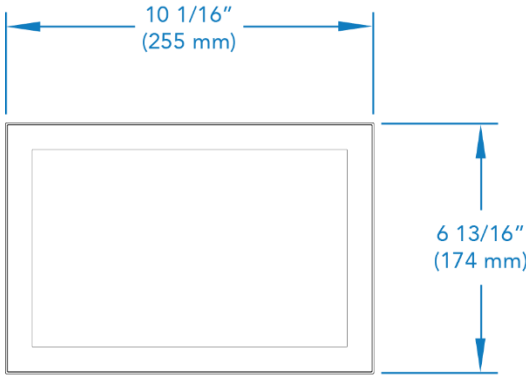| AUDIO	
Microphone	-42 dB ± 3 dB sensitivity FET microphone
Speakers	4 ohm, 1.5 Watt, 500 Hz cutoff frequency
Supported Audio Codecs	MP2 Layer I and II, MP3 (8 kHz, 11.025 kHz, 12 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, 48 kHz) AAC-LC (8 kHz, 96 kHz) G.711 with µLaw (VoIP encode/decode at 8 kHz)
File Formats	WAV, MP3 (as part of touch panel file only - no USB storage)

Intercom	Full Duplex VoIP, SIP v2.0 (supported with AMX-CSG)

GRAPHICS ENGINE	
AMX G4	AMX's exclusive, powerful G4 graphics engine – the driving force behind the advanced graphics and image processing capability on a variety of AMX Touch Panels and other devices (see TPD4 Operations Guide for more information)

EMBEDDED APPLICATIONS	
Remote Management	VNC Server, G4 Web Control
Video Conferencing	Panel-to-panel and video chat (the MSD-1001 receives video and returns audio)
Audio Conferencing	Audio (full duplex intercom)

FRONT PANEL COMPONENTS	
Programmable Red/Green LEDs	Programmable red/green LED in the front, left and right sides of the panel, LEDs are beautifully recessed and nearly invisible when not lit
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	(1) USB host 2.0, type A ports
Power	PoE (Power over Ethernet), 802.3af, class 0

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: 27.3 BTU/hr Standby: 10.9 BTU/hr

GENERAL	
Dimensions (HWD)	6 13/16" x 10 1/16" x 2" (174 mm x 255 mm x 51 mm)
Weight	1.95 lbs (.885 Kg), with back box 1.5 lbs (.680 Kg), without back box
Power Consumption	Full-On: 14 W (max) Typical: 7.5 W Standby: 4.7 W Shutdown: 0.8 W
Start-Up Inrush Current	Not applicable due to PoE standard
External Power Supply Required	Optimal performance requires use of one of the following AMX PoE power supplies (not included): • PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83) • NXA-ENET8-2POE, Gigabit PoE Ethernet Switch (FG2178-63)
Regulatory Compliance	FCC Part 15 Class B CE EN 55022 CE EN 55024

	CE EN 60950-1 IEC 60950-1 IC CISPR 22 Class B C-Tick CISPR 22 Class B UL 60950-1 VCCI CISPR 22 Class B RoHS WEEE
Optional Accessories	• MSA-MMK-10, Multi Mount Kit, for use with MSD-1001 (FG2265-11) • MSA-MMK2-10, Multi Mount Kit, for use with MSD-1001-L2, RMBK-1001 (FG2265-21) • MSA-RMK-10, Rack Mount Kit for 10" Modero S Series Wall Mount Touch Panel (FG2265-14) • MSA-AMK-10, Any Mount Kit, for use with MSD-1001 (FG2265-26) • MSA-AMK2-10, Any Mount Kit, for use with MSD-1001-L2, RMBK-1001 (FG2265-36) • MXA-MP, Modero X/S Series Multi Preview (FG5968-20) • MXA-MPL, Modero X/S Series Multi Preview Live (FG5968-10) • PS-POE-AF-TC, PoE Injector, 802.3AF Compliant (FG423-83) • NXA-ENET8-2POE, Gigabit Ethernet Switch (FG2178-63) • MXA-BT, Bluetooth USB Adapter for Modero X/S Series Touch Panels (FG5968-19) • MXA-HST, Bluetooth Handset for Modero X/S Series Touch Panels (FG5968-17) • MXA-CLK, Modero X/S Series Screen Cleaning Kit (FG5968-16) • CB-MSA-10, Rough-In Box and Cover Plate for 10.1" Modero S Series Wall Mount Touch Panel (FG2265-08)

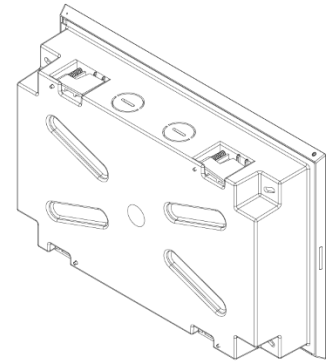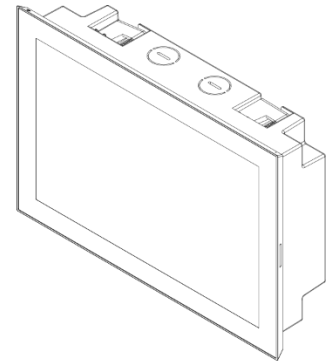For a more detailed PDF or DXF pictorial drawing please visit: http://www.amx.com/products/MSD-1001.asp
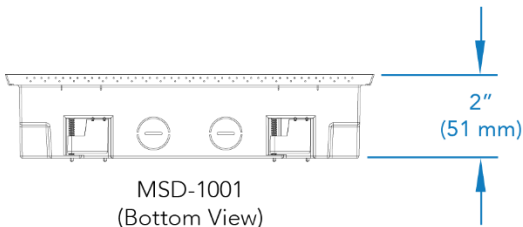
MSD-1001
(Top View)

10 1/16"
(255 mm)

6 13/16"
(174 mm)

MSD-1001
(Front View)

MSD-1001
(Right View)

MSD-1001
(Isometric Views)

2"
(51 mm)

MSD-1001
(Bottom View)