Modero X® and Modero S Series Multi Preview Live

MXA-MPL (FG5968-10)

Overview

The Modero X Series Multi Preview Live is a touch panel accessory that displays a HD digital video stream on Modero X Series Touch Panels when used in conjunction with an Enova DVX All-In-One Presentation Switcher or Enova DGX Digital Media Switcher. The MXA-MPL accepts analog or digital video inputs over HDMI and converts them to a video stream. The MXP-MPL also supports all of the features of the MXA-MP, displaying up to 10 JPEG preview images on a Modero X Series. The MXA-MPL makes it easy for users to quickly identify what is currently being displayed by up to 10 source devices.

Common Applications

Use the MXA-MPL to preview a live video stream or snapshot of the content from a source device before switching to that source.

Features

- Supports one HD digital video stream or up to 10 preview images
- Updates all 10 preview images sequentially or one image continuously
- Streams digital and analog video sources to a Modero X Series Touch Panel
- Multi-format video input accepts RGB, Component, Composite, or S-Video via an optional DVI connector adapter
- Seamlessly interconnects between a Modero X Series Touch Panel and an Enova DGX or Enova DVX

Specifications

GENERAL	
Dimensions (HWD)	1 9/16" x 8 1/4" 7 3/16" (4 cm x 21 cm x 18.2 cm)
Weight	2.80 lbs (1.27 kg)
Certifications	FCC Part 15 Class A CE EN 55022 CE EN 55024 CE EN 60065 IEC 60065 IC

	UL 60065 RoHS / WEEE compliant
Included Accessories	MXA-MP Installation Guide (93-5968-20) MIC AC Universal Power Cord (CA1090-131)
Optional Accessories	CC-DVI-5BNCM, DVI to 5 BNC Male Cable 6' (FG10-2170-08) CC-DVI-RCA3M, DVI to 3 RCA Male Cable 6' (FG10-2170-09) CC-DVIM-VGAF, DVI to HD-15 Female Adapter (FG10-2170-13) CC-DVI-SVID, DVI to S-Video Cable (FG10-2170-10) CC-3.5ST5-RCA2F, 5-pin 3.5mm Phoenix-style to 2 RCA Female Cable (FG10-003-20) MPA-VRK, Rack Shelf 1RU 7.3" Depth (FG5968-30) AC-SMB, Surface Mount Bracket Accessory (FG525)

POWER CONSUMPTION	
Power Consumption	Without Panel: 120VAC at 170ma, 20W With Panel: 120VAC at 410ma, 50W
Start-Up Inrush Current	17.2 A at 116.8 VAC for 80 µsec

EXTERNAL POWER SUPPLY	
Included	MIC AC Universal Power Cord (CA1090-131)
Note	If using the MXA-MPL in conjunction with a touch panel that requires a PoE power supply please see the requirements of the touch panel and include an AMX supported PoE solution. The MXA-MPL does not provide PoE power to the touch panel.

VIDEO	
Max Number of Active Video Streams	1
Video Preview Image Format	JPEG (accessed over HTTP)
Max Number of Video Preview Images	10
Min Refresh Time of Preview Images	2 sec per preview image
Video Input	HDMI, DVI, RGBHV, S-Video, composite or component video
Video Input Resolutions	Video Input Resolutions supported by Firmware v2.1.28 or higher: • HDMI: 640x480p@60Hz, 800x600p@60Hz, 1024x768p@60Hz, 1280x720p@60Hz • DVI: 640x480p@60Hz, 800x600p@60Hz, 1024x768p@60Hz, 1280x720p@60Hz • RGB/GRAPHICS: 640x480p@60Hz, 800x600p@60Hz, • 1024x768p@60Hz, 1280x768p@60Hz • COMPONENT: 720x480i@60Hz, 720x480p@60Hz • 720x576i@50Hz, 720x576p@50Hz • SVIDEO: ntsc, pal-bghid, pal-m • COMPOSITE: ntsc, pal-bghid, pal-m Note: When using the MXA-MPL for displaying live motion streams, make sure to use the supported resolutions with the video input type. While the MXA-MPL is capable of supporting up

	to 60 Hz, the Modero X display panels that use MXA-MPL only support 30 Hz.
	Video Input Resolutions supported by Firmware versions previous to v2.1.28: • HDMI/DVI: 640 x 480p @ 60 Hz, 800 x 600p @ 60 Hz, 1024 x 768p @ 60 Hz,1280 x 720p @ 60 Hz • PAL: 576i, 576p@50 Hz • NTSC: 480i, 480p@60 Hz Video Input Resolutions not supported: • 1280 x 768p @ 60 Hz, 1920 x 1080p @ 60 Hz
Supported Video Codecs	MPEG-2-TS: H.264 High Profile@Layer 4, AAC-LC up to 720p at 25 fps (decode)
Video Output	Up to 720p@30 fps over IP (Matches input resolution)

COMMUNICATIONS	
Ethernet	10/100 port, RJ-45 connector with Ethernet/IP pass-through

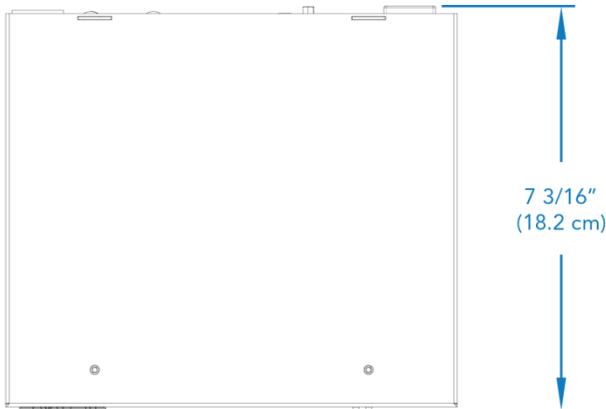| AUDIO	
Audio Input	Unbalanced 1/8th-inch mini-jack connector (non-HDMI audio only)

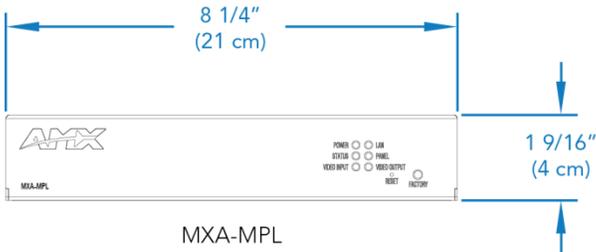| FRONT PANEL COMPONENTS	
Power	(1) LED (green) lights when device is receiving power
Status	(1) LED toggles on/off green every 5 seconds if communicating to the panel (i.e. the panel is configured to use the MXA-MP)
Video Input	(1) LED (red) lights when receiving video signals
LAN	(1) LED (green) lights when the LAN connection is enabled
Panel	(1) LED (green) lights when device is connected to the panel
Video Output	(1) LED (red) lights when sending a video stream to a touch panel
Reset Button	Reboots the unit when pressed
Factory Reset Button	Resets the unit to factory defaults when pressed for at least 5 seconds

REAR PANEL COMPONENTS	
DVI-I	DVI-I multi-format video input
Diagnostics Output	HDMI diagnostics output (720p only)
Analog Audio Jack	1/8th-inch mini-jack input (for use with non-HDMI audio only)
Power Output	2-pin 3.5 mm Phoenix-style connector output, 12 Volts, 3 Amps
Ethernet In	(1) 10/100 port, RJ-45 connector for connection to network
Ethernet Out	(1) 10/100 port, RJ-45 connector for connection to touch panel
Power	IEC power cord connector

	100-240V AC 47-63 Hz

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	232 BTU/hr

7 3/16"
(18.2 cm)

MXA-MPL
(Top View)

8 1/4"
(21 cm)

1 9/16"
(4 cm)

MXA-MPL
(Front View)

MXA-MPL
(Right View)

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