Quick Start Guide

NMX-MM-1000 Enzo™ Meeting Presentation System

Overview

The NMX-MM-1000 Enzo Meeting Presentation System (**FG3211-01**) allows you to easily access content and documents stored on USB, on the web, or in the cloud. The Enzo Media Presentation System is a power-efficient device with no moving parts that is powered using Power over Ethernet (PoE).

To install the NMX-MM-1000, you will need the following items:

- 1 HDMI cable (Type A female)
- 1 PoE injector or PoE-capable Ethernet switch (802.3af compliant)
- 2 Cat5 cables
- 1 HDMI monitor
- USB keyboard and/or mouse

FIG. 1 NMX-MM-1000 (front panel)

Specifications

The following table lists the specifications for the NMX-MM-1000:

NMX-MM-1000 Specifications		
Power:	• Power over Ethernet (PoE), 802.3af • Maximum Power Consumption: 13W	
Environmental:	• Operating Temperature: 32° to 104° F (0° to 40° C) • Storage Temperature: –4º to 158ºF (–20º to 70ºC) • Operating Humidity: 5% to 85%, non-condensing	
Dimensions:	1 3/8" (3.48cm) x 5 3/16" (14.73cm) x 3 5/16" (8.34cm) HWD	
Weight:	1.1 lbs. (0.49kg)	
Certifications:	• RoHS • FCC • IC • CE	• IEC 60950-1 • cULus 60950-1 • VCCI • C-Tick
Included Accessories:	• AVB-VSTYLE-SURFACE-MNT V-Style Single Module Surface Mount Kit (**FG1010-722**) • Rubber feet	
Optional Accessories:	• PS-POE-AF-TC, PoE Injector, 802.3af Compliant (**FG423-83**)	

Mounting the NMX-MM-1000

The NMX-MM-1000 can be mounted using an AVB-VSTYLE-SURFACE-MNT V-Style Single Module Surface Mount Kit (**FG1010-722**). The NMX-MM-1000 also has rubber feet which you can apply to the bottom of the unit for table-top mounting.

Attaching Brackets

The Surface Mount Kit is designed for mounting a single module (to a wall, on or under a desk, etc.) The kit contains brackets and screws. The brackets may be attached to mount the top or the bottom flush with the mounting surface.

Insert the #4-40 3/16 inch pan head screws (provided) as shown in FIG. 2 and tighten. Brackets can either align flush with the top or with the bottom.

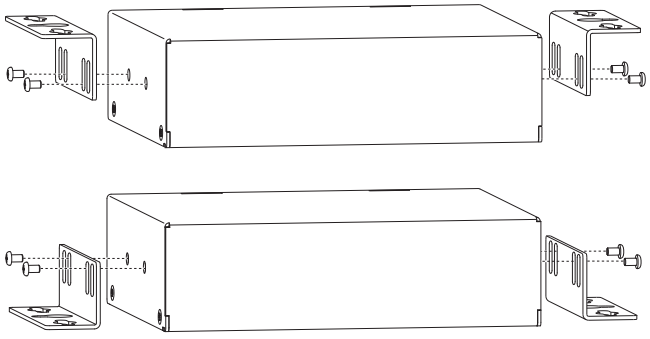

FIG. 2 Insert screws and tighten

Mounting on a Surface

Note: The #8 x 1/2 inch tapping pan head screws provided for mounting to a flat surface are designed for wood. If the module needs to be mounted on a different type of surface, use the appropriate type of fastener, e.g., dry wall anchors (not provided).

1. Place the NMX-MM-1000 in the desired final position on the mounting surface and mark the screw position as indicated in FIG. 3.

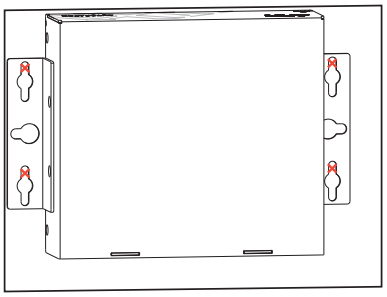

FIG. 3 Mark screw positions

Important: The mark for the screw's position in each of the mounting holes needs to be made in the end of the slots (all marks to either the top of the slots or all marks to the bottom).

2. Set the device aside. If using the wood screws provided, drill pilot holes (drill size 29; hole diameter 0.136 in.) for the screws 1/2 inch (1.27 cm) deep. Insert the screws in the holes, but do not tighten them completely.

FIG. 4 Drill pilot holes and insert screws, but do not tighten

3. Align the module with the center of the double key-hole slots over the screws and slide into place as indicated in FIG. 5.

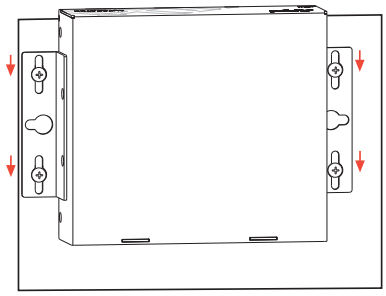

FIG. 5 Align module over screws and slide into place

4. Tighten the screws.

Installation

Installing the NMX-MM-1000 is a quick and simple process. Before connecting the NMX-MM-1000 to its peripheral devices and powering the device, be sure to mount the device using the desired method.

FIG. 6 displays the connections for the NMX-MM-1000.

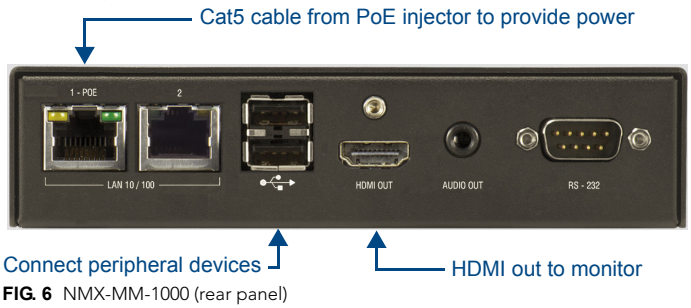

FIG. 6 NMX-MM-1000 (rear panel)

Step 1: Connecting the NMX-MM-1000 to a Video Output

The NMX-MM-1000 uses standard HDMI cabling to connect to a video output. Use an HDMI cable to connect the HDMI OUT port on the rear panel of the device to your display device.

Step 2: Connecting a Keyboard and Mouse

The front and rear panels of the NMX-MM-1000 each feature two Type-A USB ports for mouse and keyboard functionality.

Note: *In addition to a directly connected USB keyboard and mouse, the* NMX-MM-1000 *also supports using a 2.4 GHz RF wireless keyboard and mouse using a wireless dongle. Bluetooth devices are NOT supported.*

You can also use the ports for reading from a mass storage device, such as a USB hard drive or flash drive. (USB external hard drives may require their own power sources. The maximum current allowed across all USB ports is 4W.)

Note: *The USB ports support USB mass storage devices using a FAT format. USB mass storage devices using an NTFS format may not work on these ports.*
Note: *You can connect only one USB mass storage device at a time. Once you connect a USB drive and Enzo mounts the drive, you can access the files on it. If you do not receive a message stating the USB drive is mounted, Enzo did not recognize the drive. A storage device's contents are not accessible if the device is connected while another storage device occupies a USB port. If a first USB drive is connected, mounted, and unmounted, a second USB drive will still not be recognized unless the first USB drive is removed from the Enzo device.*

Step 3: Applying Power

Applying power to the NMX-MM-1000 requires Cat5 cable and a PoE injector, such as the PS-POE-AF-TC available from AMX, or a PoE-capable Ethernet switch. You must connect port 1 to your network through the PoE injector to receive power to your NMX-MM-1000 device.

Note: *ITE is to be connected only to PoE networks without routing to the outside plant.*

1. Connect the PoE injector to an AC outlet (100-240VAC) using a standard power cord.
2. Using Cat5 cable, connect your network switch to the Data In port on your PoE injector.
3. Using a separate Cat5 cable, connect the Data & Power Out port on the PoE injector to LAN Port 1 on the NMX-MM-1000.

FIG. 7 illustrates how to connect the PoE injector to the NMX-MM-1000.

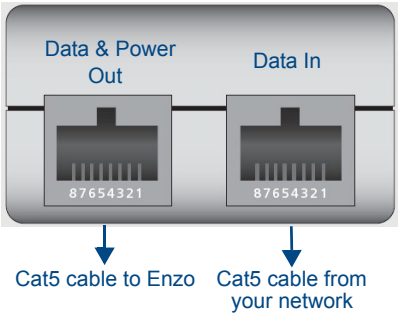

FIG. 7 PoE injector connection

When power is applied, the POWER LED on the front panel appears red then blinks green while the device is booting. When the device is finished booting and the device is ready for use, the LED remains solid green. The device usually takes 20-30 seconds to boot. When booting is complete, the NMX-MM-1000 opens to the Enzo desktop (FIG. 8).

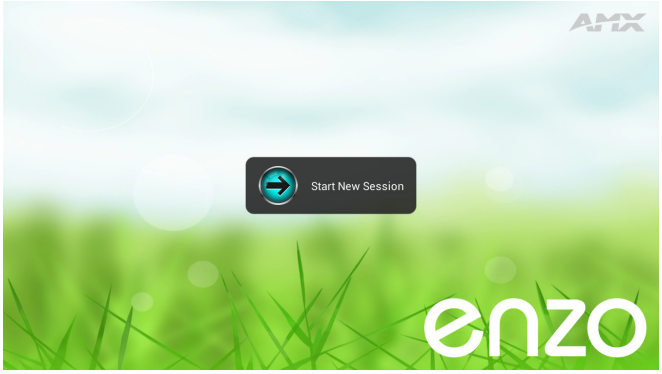

FIG. 8 Enzo desktop

Locating the IP Address of the NMX-MM-1000

On connection, you can access a diagnostics screen on which you can view the IP address, Ethernet switch status, etc. on the connected video output.

1. When the NMX-MM-1000 completes the boot process and the Enzo desktop appears, select **Start New Session.**
2. On the main screen, select **Options**.
3. From the Select Option menu, select **Settings**.
4. When the list of settings appears, select **System Settings**.
5. The **Device Info** option is selected by default. The IP address of your unit appears in the Device area.

Setting the Display Resolution

The display resolution on the NMX-MM-1000 is set to Auto by default. You can set a definite resolution of 1080p or 720p, if needed. Perform these steps to set the display resolution:

1. On the main screen, select **Options**.
2. From the Select Option menu, select **Settings**.
3. When the list of options appears, select **System Settings**.
4. In the Info section, select **Display**.
5. Enter the security password in the text box that appears, and select **OK**. The default password is **1988**.
6. Select **Resolution**, and select the resolution you want from the list that appears. When you make a selection, your choice immediately takes effect.

Setting the Date and Time

By default, the NMX-MM-1000 uses the network-provided date and time. You may want to verify that the date and time are correct while setting up the device. Perform these steps to set the date and time on the NMX-MM-1000:

1. On the main screen, select **Options**.
2. From the Select Option menu, select **Settings**.
3. When the list of options appears, select **System Settings**.
4. In the System section, select **Date & Time**.
5. Enter the security password in the text box that appears, and select **OK**. The default password is **1988**.
6. Check that the current date and time is correct on the device.
7. Select **Select time zone** and select your time zone from the provided list.

Additional Documentation

For more information about this device, consult the product page at www.amx.com for data sheets and the *NMX-MM-1000 Instruction Manual*.

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