

IMPORTANT: READ THIS FIRST!

This guide includes additional instructions for the installation of the MSA-AMK/2-07 and MSA-AMK/2-10 Modero S Series Any Mount Kits. This guide should be read first before continuing the installation of the Any Mount Kit.

IMPORTANT: You should have already installed the Any Mount Kit back box before starting this installation. For more information, please refer to the MSA-AMK/2-xx Quick Start Guide, available from www.amx.com.

Installation

The MSD-701-L/2, MSD-1001-L/2 Modero S Series wall-mount touch panels and RMBK-701 and RMBK-1001 AMX RoomBook Scheduling Touch Panels use a RJ-45 cable to provide both power and connectivity to the touch panel (FIG. 1).

In some panels, the insulator sleeve on the connector cable may be too long, preventing proper flexing of the cable and ultimately binding between the touch panel and the Any Mount Kit back box (FIG. 2).

The MSA-AMK/2-07 and MSA-AMK/2-10 Any Mount Kits come with an alternate RJ-45 connector cable (ECA2265-05), in order to replace the connector cable, if necessary and facilitate installation of the touch panel into the Any Mount Kit.

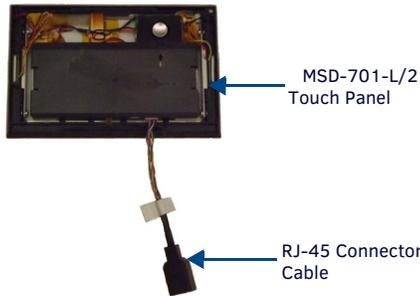


FIG. 1 MSD-701-L/2 Wall Mount Touch Panel (rear)

The new RJ-45 connector cable may be recognized both by the length of the insulation sleeve, but also by the tag with the cable's part number at the end of the sleeve (FIG. 2).

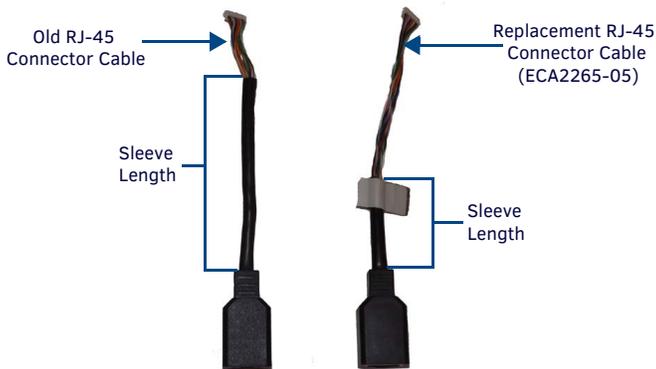


FIG. 2 RJ-45 connector cables, old and new

Replacing the RJ-45 Connector Cable

- From the bottom of the touch panel, gently remove the male cable connector from its outlet (FIG. 3).

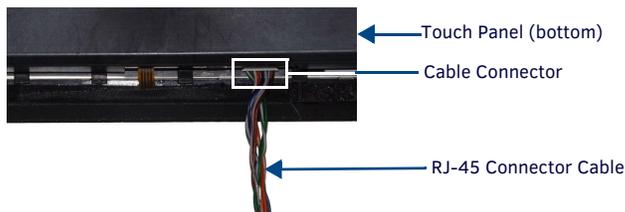


FIG. 3 RJ-45 connector cable inserted into MSD-701-L/2 connector

- Carefully install the cable connector on the new RJ-45 connector cable to the outlet on the touch panel.
- Pull sufficient Ethernet cable from the gang box to allow you to connect the Ethernet cable to the connector cable.
- Test the incoming wiring by applying power. Verify that the panel is receiving power and functioning properly to prevent repetition of the installation.
- Make certain that the path of the RJ-45 connector cable goes straight through the center hole in the Any Mount Kit back box (FIG. 4). Insure that the connector cable will not fold up or bind in the slot below the center hole.

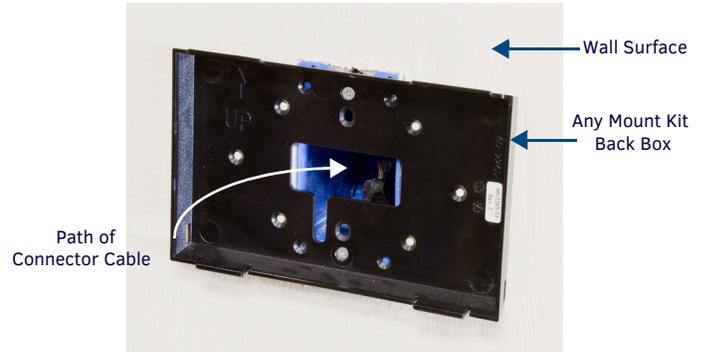


FIG. 4 MSA-AMK/2-701 Any Mount Kit back box, path of connector cable

- Continue with the installation of the touch panel onto the Any Mount Kit back box.

Ethernet/RJ-45 Connections and Wiring

The following table lists the pinouts, signals, and pairing for the Ethernet RJ-45 connector.

Ethernet RJ-45 Pinouts and Signals			
Pin	Signals	Connections	Pairing
1	TX +	1 ----- 1	1 ----- 2
2	TX -	2 ----- 2	
3	RX +	3 ----- 3	3 ----- 6
4	PoE power	4 ----- 4	
5	PoE power	5 ----- 5	4 ----- 5
6	RX -	6 ----- 6	
7	PoE power	7 ----- 7	7 ----- 8
8	PoE power	8 ----- 8	

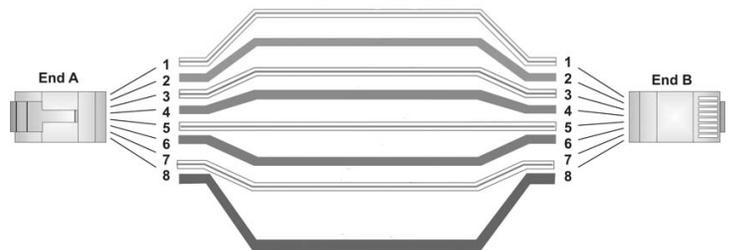


FIG. 5 RJ-45 wiring diagram

Additional Documentation

- For information on installing the MSA-AMK/2-07 and MSA-AMK/2-10 Modero S Series Any Mount Kits, refer to the MSA-AMK/2-xx Quick Start Guide.
- For information on installing Modero S Series touch panels, refer to the Modero S Series Installation and Hardware Reference Guide.
- For information on installing AMX RoomBook Scheduling Panels, refer to the AMX RoomBook Scheduling Touch Panels Instruction Manual.

