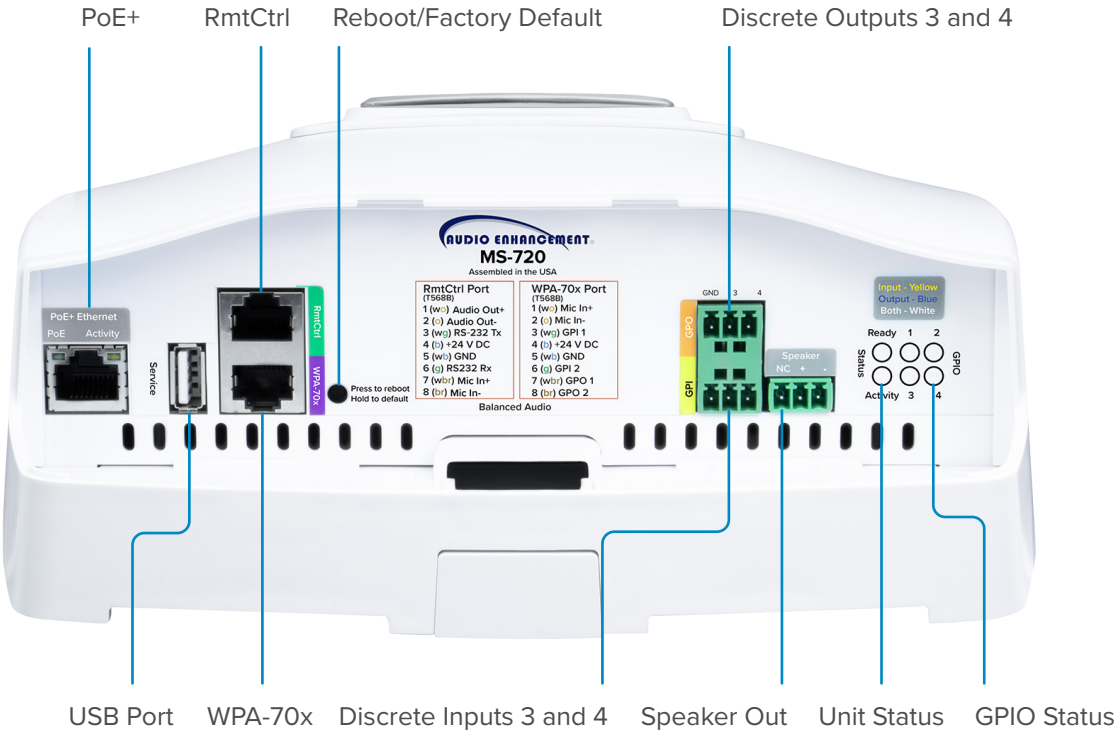


# MS-720 NETWORK INTERFACE QUICK START GUIDE



# DESCRIPTION

The **MS-720 Network Interface for 2-Way Intercom** is a fully integrated networked paging interface, perfect for audio in small rooms. This amplifier has network-based intercom, paging, and emergency notification. It is easy-to-use, easy-to-install, and features an intuitive user interface. The entire unit utilizes Power over Ethernet+ (PoE+) and supports full duplex SIP communications. When used in conjunction with an Uninterruptible Power Supply (UPS), paging can still be heard during power outages and emergencies. This unit can be installed as part of the EPIC (Education Paging & Intercom Communications) System®, SAFE (Signal Alert For Education) System®, or integrated with other building systems.

# FUNCTIONAL SUMMARY

## GENERAL PURPOSE I/O

- (4) Discrete Inputs
- (4) Discrete Outputs

## SERIAL COMMUNICATION

- (1) RS-232 Connection

## AUDIO

- (1) Balanced Audio Out
- (1) Amplified Speaker Audio Out
- (1) Mic Audio In

## REMOTE POWER

- (2) 24 V Out

## POWER

- PoE+

# INTERFACES

## REMOTE PORT (RMTCTRL)

- Audio Out (Balanced)
- RS-232
- 24 V DC
- (1) Mic In Balanced

## WALL PLATE AUDIO (WPA) PORT

- Connects to the ITC2

## IO OUTPUT PORT

- Output 3
- Output 4

## IO INPUT PORT

- Input 3
- Input 4

## USB PORT (FOR SERVICE ONLY)

## RESET BUTTON

## LEDS

### Ready

- Green - Powered on
- Red - Booting

### Activity

- Off - No active event
- Red - Active event

### GPIO (General Purpose I/O)

- Yellow - Input active
- Blue - Output active
- White - Input & output active

## SPEAKER CONNECTION

- Speaker Out

## ETHERNET

- PoE+ Port

# PROCESS

1. Physically install components in the room, such as speakers and/or AV Touch Wall Control.
2. Confirm dongle is connected to USB port.
3. Turn the amplifier on by connecting to PoE+.
4. Start EPIC System, update the firmware, and continue the setup using the EPIC System software.

## CONFIGURATION SET UP IN EPIC SYSTEM

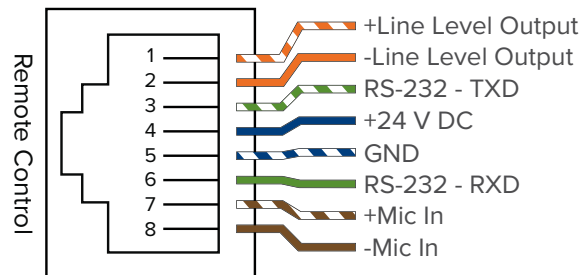
Follow the instructions in the EPIC System  
Admin Manual - Managing Devices.

Click or Scan QR code to access.

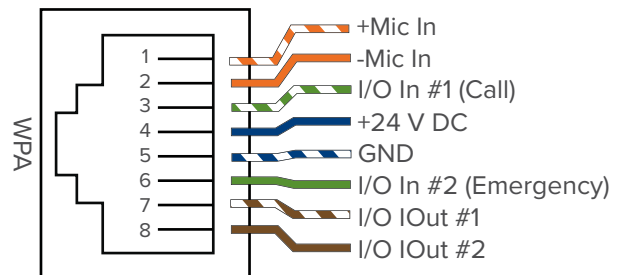


# CONNECTOR DETAILS

## RMTCTRL PORT



## WALL PLATE AUDIO



# TROUBLESHOOTING

## REBOOT

Press and hold the *Reboot* button for 5 seconds.

## FACTORY RESET PROCEDURE

Press and hold the *Factory Reset* button until the Activity Indicator flashes green (10 seconds) and then release.

## RESCUE MODE

Press and hold the *Reboot* button until the Activity Indicator illuminates red (15 seconds) and then release. Or disconnect PoE+ power, press and hold the *Reboot* button while applying PoE+ power.

## NO AUDIO

If there is no audio going through the speakers (bells, paging, intercom, teacher mic) check the audio output to see if there is any audio passing through there. This can be done by connecting a pair of wired headphones to the audio out of the MS-775 and playing audio through the MS-775. If you hear audio through the headphones, it is most likely not a problem with the MS-775, and related to the speakers or speaker wiring.