



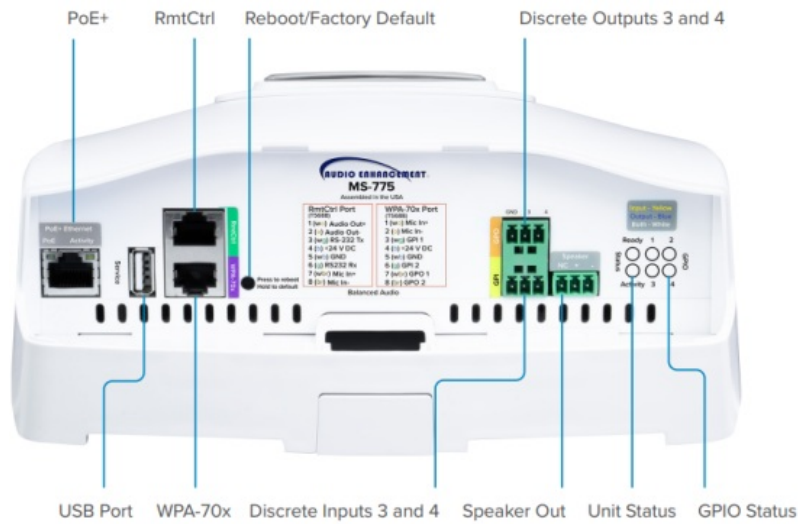
Est 1978

**MS-775 NETWORK  
INTERFACE  
QUICK START GUIDE**

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**MS-775 NetWork Interface**



## DESCRIPTION

The MS-775 Network Interface for SAFE Alert Extender is a fully integrated networked paging interface, ideal for delivering audio in small rooms. It supports network-based intercom, paging, and emergency notification, with an intuitive, easy-to-install design. Powered by Power over Ethernet+ (PoE+), it enables full-duplex SIP communication, and when connected to an Uninterruptible Power Supply (UPS), it ensures paging remains operational during power outages or emergencies. The MS-775 can be integrated into the EPIC (Education Paging & Intercom Communications) System®, the SAFE (Signal Alert For Education) System®, or other compatible building systems. Unlike the MS-720, which focuses on standard intercom and paging functions, the MS-775 also supports non-paired alerts from the XD Teacher Microphone and XD Alert Badge, enhancing its effectiveness for emergency communication.

## 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.

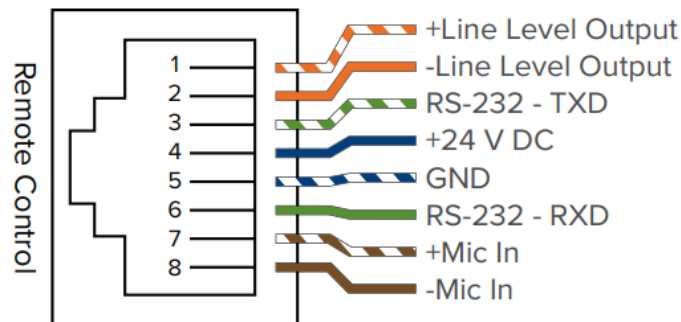
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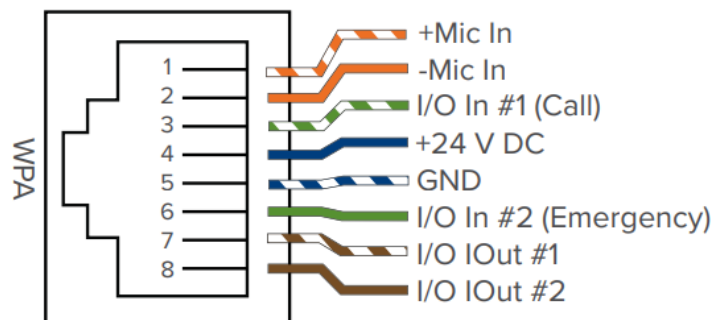
<https://qrco.de/bfI8qp>

## 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) 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.

**DC-41101.0625**

[AudioEnhancement.com](http://AudioEnhancement.com)

**800.383.9362**

**Documents / Resources**

	<a href="#">Audio Enhancement MS-775 NetWork Interface [pdf]</a> User Guide MS-775, MS-775 NetWork Interface, MS-775, NetWork Interface, Interfac e
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**References**

- [User Manual](#)

◆ AUDIO ENHANCEMENT, Interface, MS-775, MS-775 NetWork Interface, Network

■ AUDIO ENHANCEMENT Interface

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