



**AUDIO
ENHANCEMENT
MS-720 Network
Interface for 2-
Way Intercom**



AUDIO ENHANCEMENT MS-720 Network Interface for 2-Way Intercom User Guide

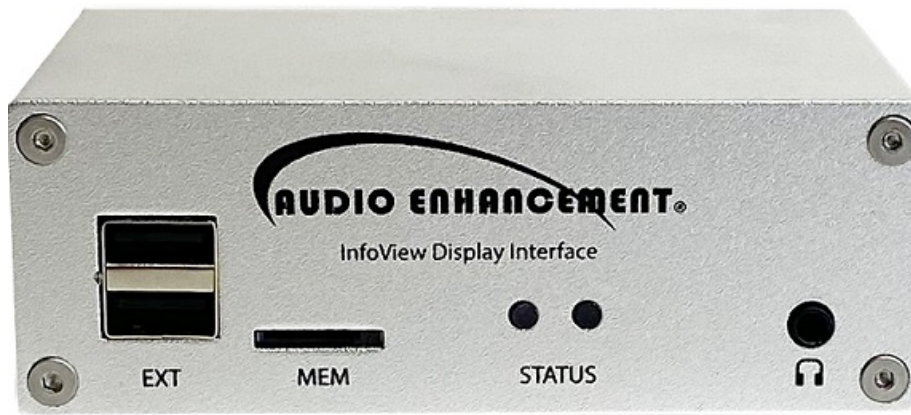
[Home](#) » [AUDIO ENHANCEMENT](#) » AUDIO ENHANCEMENT MS-720 Network Interface for 2-Way Intercom User Guide 

Contents

- [1 AUDIO ENHANCEMENT MS-720 Network Interface for 2-Way Intercom](#)
- [2 FAQ](#)
- [3 Installation](#)
- [4 PRODUCT OVERVIEW](#)
- [5 DESCRIPTION](#)
- [6 FUNCTIONAL SUMMARY](#)
- [7 INTERFACES](#)
- [8 PROCESS](#)
- [9 CONFIGURATION SET UP IN EPIC SYSTEM](#)
- [10 CONNECTOR DETAILS](#)
- [11 TROUBLESHOOTING](#)
- [12 Documents / Resources](#)
 - [12.1 References](#)
- [13 Related Posts](#)



AUDIO ENHANCEMENT MS-720 Network Interface for 2-Way Intercom



FAQ

Q: How do I reset the device?

A: To reset the device, follow the Factory Reset Procedure mentioned in the user manual.

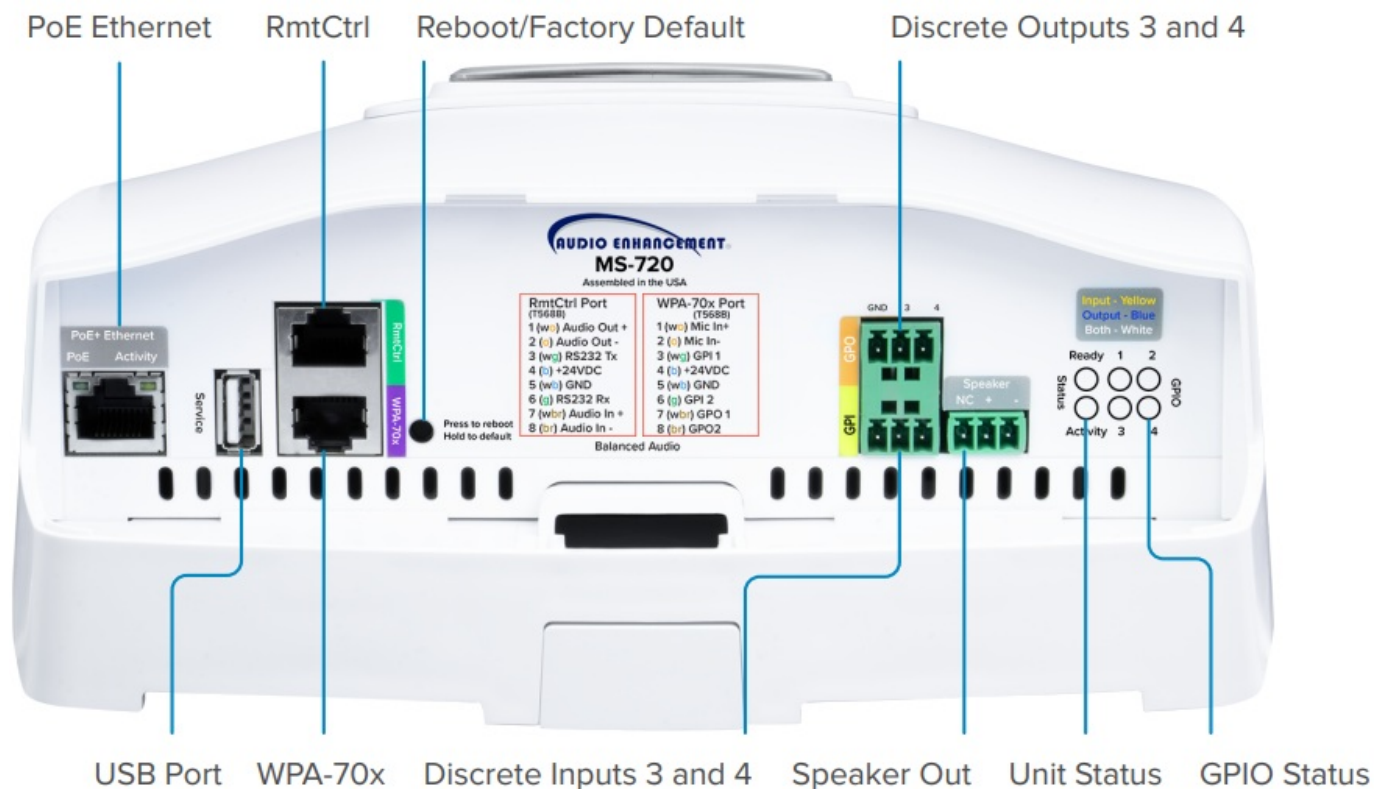
Q: How do I troubleshoot if there is no audio?

A: Refer to the troubleshooting section in the user manual. Check audio output and connections to identify potential issues.

Installation

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 Power.
4. Start EPIC System, update the firmware, and continue the setup using the EPIC System software.

PRODUCT OVERVIEW



DESCRIPTION

The MS-720 Network Interface for 2-Way Intercom is a fully integrated networked classroom amplifier and wireless microphone receiver, 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 Uninterruptable 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) RS232 Connection
- **AUDIO**
 - (1) Balanced Audio In
 - (1) Balanced Audio Out
 - (1) Amplified Speaker Audio Out
- **REMOTE POWER**
 - (2) 24 V Out
- **POWER**
 - PoE Ethernet

INTERFACES

- **REMOTE PORT (RMTCTRL)**

- Audio Out (Balanced)
- Audio In (Balanced)
- RS232
- 24 V DC

- **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**

- Red while booting and getting an IP address
- Green when operational and connected to an ethernet port

- **Activity**

Red while an event is active

- **GPIO**

- Blue when the output is closed
- Yellow when the input is closed
- White when both input and output are closed

- **SPEAKER CONNECTION**

Speaker Out

- **ETHERNET**

PoE Ethernet

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 Power.
4. Start EPIC System, update the firmware, and continue the setup using the EPIC System software.

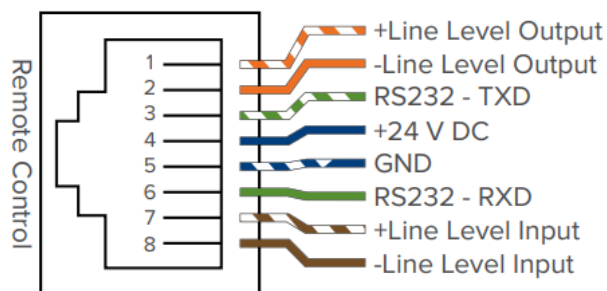
CONFIGURATION SET UP IN EPIC SYSTEM

Follow the instructions in the EPIC System Admin Manual – Managing Devices.
Click or Scan QR code to access.

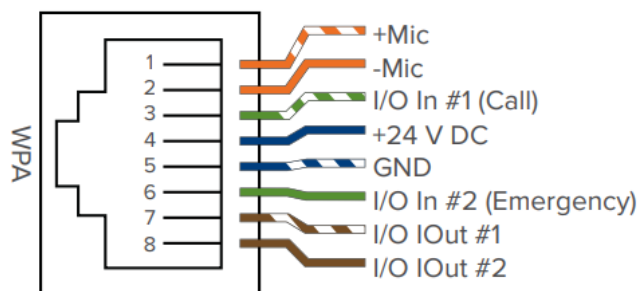


CONNECTOR DETAILS

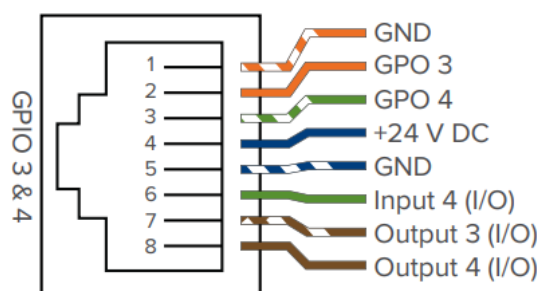
RMTCTRL PORT



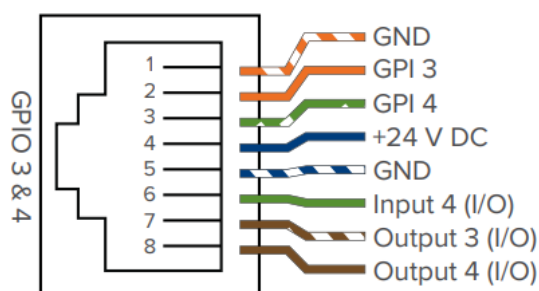
WALL PLATE AUDIO



GPO - GENERAL PURPOSE OUTPUT



GPI - GENERAL PURPOSE INPUT



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.

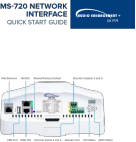
- **SIP NOT CONNECTED**

Verify that the SIP settings are correct on the device. Try pushing Settings from the Configure tab on EPIC System again. Pushing Settings from the Devices List does not push SIP settings.

- **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-720 and playing audio through the MS-720. If you hear audio through the headphones, it is most likely not a problem with the MS-720, and related to the speakers or speaker wiring.

Documents / Resources

| | |
|---|--|
|  | <p>AUDIO ENHANCEMENT MS-720 Network Interface for 2-Way Intercom [pdf] User Guide MS-720, MS-720 Network Interface for 2-Way Intercom, Network Interface for 2-Way Intercom, I nterface for 2-Way Intercom, 2-Way Intercom, Intercom</p> |
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References

- [Home - Audio Enhancement](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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