AUDMAX-MASTER
Emergency Communication System

Description

The AUDMAX-MASTER is an emergency and fire alarm audio system designed to provide notification for small to medium applications. The AUDMAX-MASTER supplies 30W for audio output and 5A for Notification Appliance Circuits (NAC). The optional 30 Watt Amplifier Module increases audio output to 60W.

Notifications can be sent using stored digital message recordings, the master microphone, or remote microphones. The AUDMAX-MASTER comes with standard notifications and can store up to 14 messages for a total of 12 minutes of digital message recordings. Up to six remote microphones and/or LOCs can be connected to the AUDMAX-MASTER.

The AUDMAX-MASTER operates either as a stand-alone audio system or as part of a fire alarm system. Conventional fire alarm systems control the AUDMAX-MASTER with relays. Secutron compatible Fire Alarm Control Panels can control the AUDMAX-MASTER using Signalling Line Circuit (SLC).

Optional Booster Panels provide support for a distributed system. These Booster Panels act as true slaves to the master with respect to Outputs. All Inputs, Microphones and User interfaces are disabled on Booster Panels and they cannot be programmed through the configuration software. Up to five Booster Panels can be connected to a AUDMAX-MASTER.

Features

- Up to 60 watts per enclosure (2 X 30W amplifiers) and up to 300 watts per system
- 2 X 2.5A regulated 24V output for horns and strobes (NAC). System expandable to 12 X 2.5A
- Class A or Class B Speaker and NAC wiring
- Field selectable 25V or 70.7V audio output
- Comes with standard digital messages for fire, emergency, evacuation, weather, and all clear
- Select from up to 14 digital messages at the panel
- Custom message upload using the software configurator
- Stores up to 12 minutes of audio messages
- Master microphone input with push-to-talk (PTT)
- Supports up to 6 remote microphones and/or LOCs
- Use as a separate audio system or as part of a fire alarm system
- Two inputs for activation by conventional fire alarm systems using relays
- Two strobe inputs for synchronization and activation
- Signalling Line Circuit (SLC) input for activation and communication with Secutron compatible Fire Alarm Control Panels
- Battery backup (up to 75AH charge capacity)
- Dedicated Trouble, AC Fail, and Alarm relay outputs
- Audio system supports up to 6 panels in total (one Master Panel with 5 Booster Panels)
- 12 expandable up to 36 Programmable Switches
- Auxiliary 24V supply (up to 0.2A)
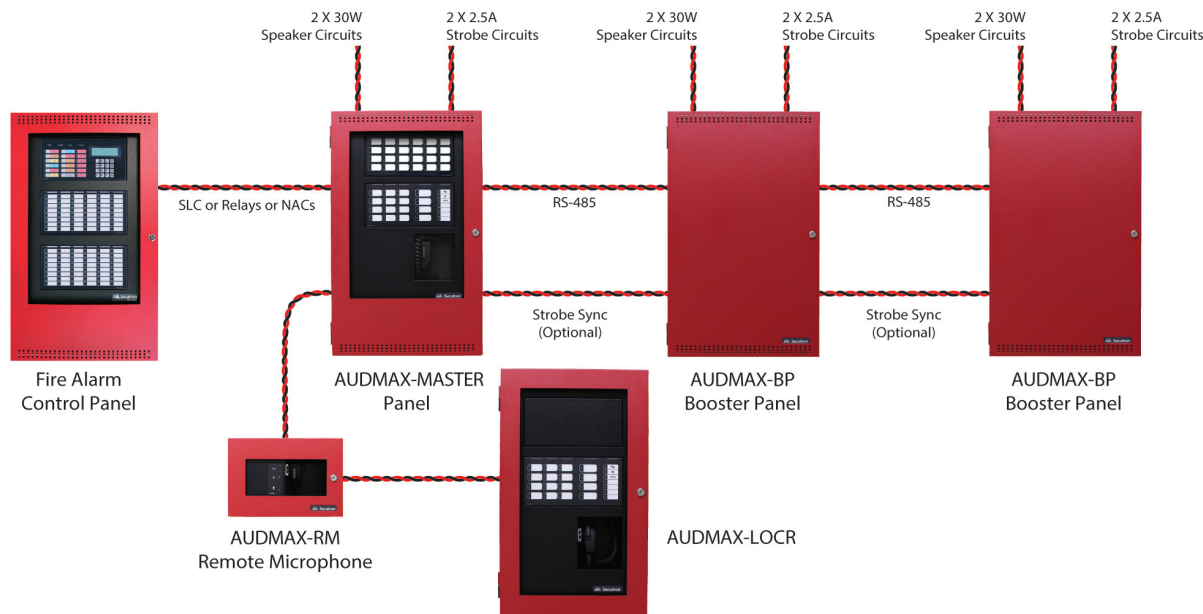- ULC, UL approved, CSFM pending

Accessories

- Amplifier Module
- 24 Zone Selector

Expansion Modules

- Booster Panel
- Remote Microphone
- LOC

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Intertek

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System Diagram

Example audio system with a FACP, an AUDMAX-MASTER Panel, two Booster Panels, and two Remote Microphones.

Specifications

Dimensions	
26"H x 14.5"W x 4.2"D	
AC Line Voltage	
120V @ 60Hz / 240V @ 50Hz (3.1 Amps / 1.57 Amp)	
Output	
30W audio (60W max.) and 2 X 2.5A NAC (5A max.)	
Battery	
24VDC, Gel-Cell/Sealed Lead-Acid	
Charging Capability	
Up to 75AH charge capacity	
Current Consumption	
Standby: 215mA	Alarm: 220mA

Indicators	
AC Power	Alarm Active
Ground Fault	Pretone Active
CPU Fault	Page Ready
Message Active	
Controls	
Zone Select (4)	Selection Reset
Message Select (8)	Lamp Test
All Call	Trouble Silence
Compatibility	
UL/ULC listed Fire Alarm Control Panels	

Ordering Information

Model	Description
AUDMAX-MASTER	Master Panel: Microphone, Main Display, Main Board, 1 x 30W Amplifier, Deadfront, Red Door, Backbox, Back Plate, Transformer
AUDMAX-BP	Booster Panel: Outer Red Door, Main Board (acting in slave mode), 1 x 30W Amplifier, Backbox, Back Plate, Transformer
AUDMAX-RM	Remote Microphone: Backbox, Red Door, Microphone, RMIC PCB - **UL Only**
AUDMAX-LOCR	Local Operating Console: Main Display, Microphone, RMIC PCB, Deadfront, Backbox, Red Door - **UL Only**
QAD-30	30 Watt Amplifier Module
QAZT-5302DS	24 Zone Controller