

## Features

- ▶ Communication Handset with Hook Switch
- ▶ Paging Microphone with Talk Switch
- ▶ One Touch ALL CALL PAGE Button
- ▶ One Touch ALL STAIR Page Button
- ▶ One Touch EVACUATION Alert Tone Button
- ▶ One Touch INQUIRY Alert Tone Button
- ▶ One Touch Firefighters/Warden PAGE Button
- ▶ Supports Digital and Analog Microphone Riser
- ▶ Supports Style 4, Style 6 and Style 7 Risers
- ▶ Low Power Consumption
- ▶ 1 Module Footprint
- ▶ Supports Centralized Digital Message Transmission
- ▶ No Wiring Power Limited



## Description

The MAC-201-7 Multi-Audio Control Panel provides one-way paging and two-way firefighter/warden telephone communication capability in the LSN-2000 system. The MAC-201-7 contains a microphone with push-to-talk switch, a selectable Firefighter/Warden telephone handset, and five programmable function buttons with color-coded indicators. The microphone provides the ability to make live-paged announcements through speakers connected to audio generation components of the LSN-2000 system. The telephone handset allows for two-way firefighter/warden communications from the Fire Command Center to a remote location where a Warden Station or Firefighter Phone Jack is installed. Up to five Warden Station/Firefighter handsets can communicate in a conversation at a single time. Display Control Module pushbuttons are used to select and activate the remote phones.

Five programmable pushbutton switches provide operation for various functions. The Floor Page switch can be used to turn all floor speakers on. Simply activating this switch allows the user to quick and easy make general announcements to the entire facility over the microphone. The Stair Page switch performs the

same function for all speakers in stairwells. The Warden Page switch allows the routing of any Firefighter/Warden phone handset to speakers within the facility. The Evacuation Tone and Inquiry Tone switches provide an easy way of manually overriding tones that should be sounded in the facility.

Up to ten MAC-201-7 Multi-Audio Control Modules can be installed in the LSN-2000 system to allow paging and audio controls from numerous remote locations. The MAC-201-7 supports dual analog microphone and dual telephone risers. This allows for Style 4, Style 6, and Style 7 riser wiring configurations.

The addition of a DVC-7 Digital Voice Card enhances the capability of the MAC to support a Style 4 or a Style 6 digital microphone riser. The addition of a DMC-7 Digital Messaging Card further enhances the capability of the MAC by generating Input/Output programmed automatic prerecorded messages to be transmitted on the microphone riser. Digital prerecorded message selection can also be selected through the use of manually operated switches on a Display Control Module.

## Application

The MAC-201-7 Multi-Audio Control Module is installed in the Fire Command Center enclosure and in remote location enclosures to provide speaker paging and two-way communication to Firefighter Phone Jacks and Warden Stations.

## Installation

The MAC-201-7 Multi-Audio Control Module occupies one full panel space and mounts to the HS-1 Horizontal Strap in the Fire Command Center enclosure.



# Engineering Specifications

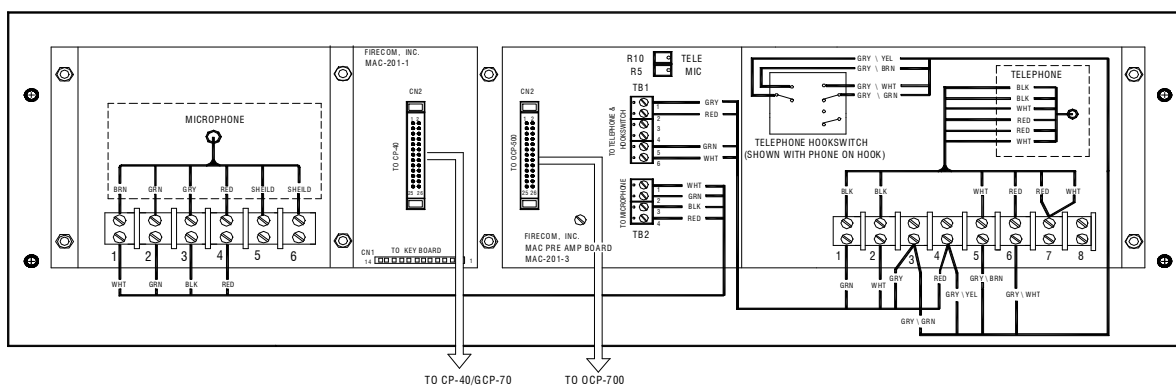
The MAC-201-7 Multi-Audio Control Module shall be a network operate node of the LSN-2000 system. The MAC-201-7 shall provide the capability of paging to floor and stair speakers as well as the two-way communication to Firefighter Phone Jacks and Warden Stations throughout the facility. Up to ten MAC-201-7's shall be capable of being installed in the system. The MAC-201-7 supports paging to speakers from the paging microphone as well as paging from the Firefighter/Warden Phone system. A push-to-talk microphone shall be provided as well as a noise-canceling telephone handset. Five programmable switches shall provide for functions such as Floor Page, Stair Page, Warden Page, Evacuation Tone, and Inquiry Tone. These programmable buttons can be used in Input/Output programming to send the appropriate audio source to destination speakers within the facility.

The MAC-201-7 shall support a dual analog microphone riser & dual analog Firefighter/Warden Phone riser, supporting Style 4, Style 6, and Style 7 configurations. When a DVC-7 Digital Voice Card is installed into the MAC-201-7, a Style 4 or Style 7 digital microphone riser shall be supported.

The addition of a DMC-7 Digital Message Card to the MAC-201-7 shall add the ability for automatically programmed Input/Output or manually overridden prerecorded message playback to the paged areas of the facility.

The MAC-201-7 shall occupy one full panel space in the Fire Command Center and shall require no field wiring. All wiring that originates at the MAC-201-7 and leaves the Fire Command Center shall be power limited.

## Wiring Connection



## Electrical Specifications

Operating Voltage	24VDC
Operating Current - Supv	50mA
Operating Current - Alarm	90mA
Operating Temperature	0°C to 49°C
Operating Relative Humidity Range	0% to 93% @ 32° C

## Ordering Information

Model No.	Description
MAC-201-7	Multi-Audio Control Module

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.

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