

EVAC 2101-M
Emergency Voice
Evacuation System

2101-EP-M
FireFighter Telephone
System

EVAC 2101-M

*EMERGENCY VOICE EVACUATION,
RELOCATION, & PAGING SYSTEMS*

- * Efficient Digital Amplifiers
- * Optional Standby Amplifiers
- * Optional Strobe Circuits
- * Remote Paging Option
- * Pre-recorded Message Option
- * Multiple, Selectable Messages
- * Supervised Initiating Input

2101-EP-M

FIREFIGHTER TELEPHONE SYSTEM

- * Multiple Phone Circuits
- * Paging from FireFighter Phones
- * Handsets with Built-in Amplifier
- * Optional Phone-hanger in Cabinet

EVAC 2101-M and 2101-EP-M are stand-alone systems expandable to any size. They may also be used with any Sprinkler or Fire Alarm Control.

Emergency Audio Communication & FireFighter Telephone Systems for
Commercial * Industrial * Residential * Institutional and many other applications.
UL, CSFM Approved. Meets NFPA 72 and NFPA 101 Requirements

Basic EVAC 2101-M System Features

- * Self-contained with Supervised Microphone
- * Preannounce Page Tone
- * Built-in Alarm Tone Generator
- * 50 watts rms Audio Amplifier (25 or 70 V)
- * 3.5 Amps DC Regulated Power Supply
- * Auto High-Rate Battery Charger
- * Electronic Over-Current Fuse
- * Over-Voltage Protection with Battery Transfer
- * Brown-Out Detection with Battery Transfer
- * Ground Fault Detection and Diagnostics
- * Alarm and Page Zone-Selectable
- * Supervised Input for Remote Microphone
- * Supervised Speaker Circuit (Class "A" or "B")
- * System expandable to any size
- * All Outputs Power-Limited
- * Trouble Ring-Back and Trouble Contacts
- * All-Call (Common Alarm) Switch
- * Built-in Fire Alarm Zone Annunciators
- * Supervised Initiating Inputs
- * Combinational-Outputs Field-Selectable
- * Supervised Dry-Contact Initiating Inputs

Basic 2101-EP-M FireFighter Phone System Features

- * Self-contained with Handset
- * Expandable to any number of circuits
- * Call-Waiting Indication
- * Call-Acknowledge Switch per Circuit
- * Private or Party Line Communication
- * Handsets with Built-in Amplifier
- * Can be used with an EVAC or Fire Alarm Control
- * Paging through EVAC System from FireFighter Phones
- * Can handle up to six phones simultaneously on-line
- * Diagnostic LEDs

Accessories: EVAC 2101-M Emergency Paging System

- * Remote Paging Microphone with Pre-amplifier
- * MessageMaker Record/Playback unit
- * T-GEN Record/Playback unit
- * Power Supplies, Amplifiers, Speaker & Strobe Modules

Accessories: 2101-EP-M FireFighter Phone System

- * Portable Firefighter Phones
- * FireFighter Phone Station in locked Cabinet
- * Cabinet for Portable Phones

EVAC 2101-M System Organization

The EVAC 2101 is a PRE-ENGINEERED system which may be used with any approved Fire Alarm Control, or as a stand-alone Emergency Audio Evacuation, Relocation, and Paging System. The modular design makes installation, maintenance, and service simple. Each switchcard has an integral diode-matrix which may be programmed to select audio zone outputs in any combination (e.g. Alarm Floor, Floor Above/Below selection). Initiating inputs from the fire alarm or other control are supervised by the EVAC 2101-M system. A built-in annunciator on each switchcard indicates which fire zone has initiated the alarm. The EVAC 2101-M uses large, well-identified switches instead of a keypad, thus avoiding operator confusion while providing positive indication of switch and audio output status as required by NFPA 72: Section 3.12.4.3.4. The zone-select switches on the switchcard may be used to page individual zones and, if required, to de-select activated zones. There is also an All-Call switch which may be used to transmit the alarm tone and/or page all zones simultaneously.

Distributed audio emergency communication may be configured using the EVAC 2101 as a central control hard-wired to remote 101-RMT controls. The system may also be configured to work with addressable Fire Alarm Controls.

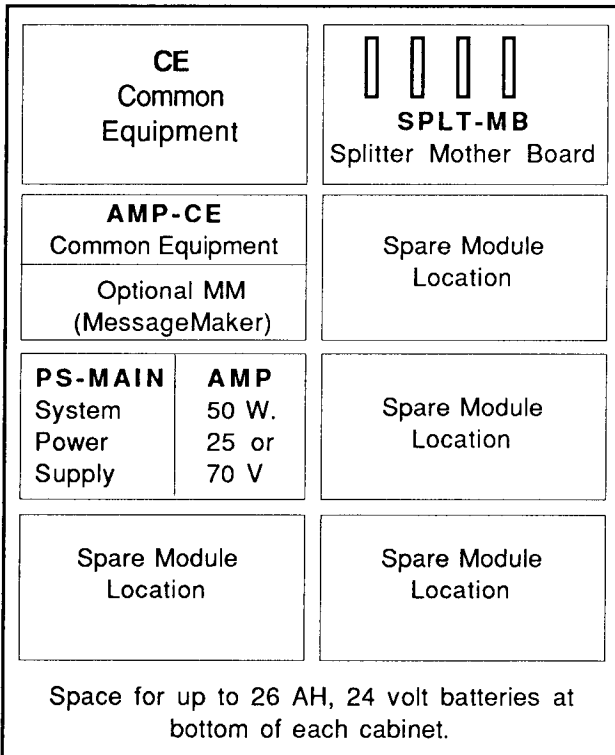
2101-EP-M System Organization

The 2101-EP-M FireFighter Telephone System is a PRE-ENGINEERED system which may be used with any Fire Alarm Control, or as a stand-alone System. The modular design makes installation, maintenance, and service simple. The control uses large, well-identified switches instead of a keypad, thus avoiding operator confusion while providing positive indication of switch status. The system is used in conjunction with either the portable phone (RMT-TEL) or the FireFighter Telephone Station (RMT-TEL-STN). Each handset has a built-in amplifier to improve clarity, reduce line loading, and maintain a high output level. Up to six telephones may be in operation on a line simultaneously.

Operation is simple and intuitive. When a remote Firefighter phone is connected to a circuit, a zone "Call-Waiting" LED flashes and a buzzer sounds intermittently at the control. The caller hears a tone to indicate that the control is being notified. Moving the zone switch to the "Select" position connects the caller to the operator. An "Operator Connected" LED then indicates that the zone is active. A separate indication is given for each incoming call. Party line communication can be established between callers and, when used with the EVAC-2101 Audio EVAC system, a caller can page over the selected Audio Paging circuits.

Basic Audio EVAC System Back-box Assembly

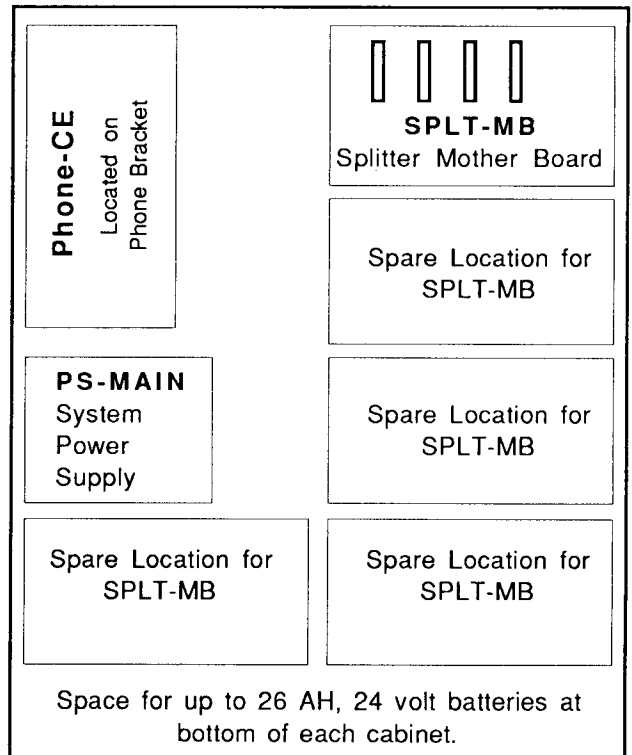
Size: 40.75" H x 22.25" W x 6.5" D



Systems may be expanded to any number of zones using additional CAB-M cabinets

Basic FireFighter System Back-box Assembly

Size: 40.75" H x 22.25" W x 6.5" D



Systems may be expanded to any number of zones using additional CAB-M cabinets