



by Honeywell

# E3 Series® Classic

## Description

The E3 Series® Classic Emergency Voice Evacuation System is a combination of the E3 Series® Expandable Emergency Evacuation System and the NetSOLO® Classic System. The E3 Series Classic uses the latest generation of fire alarm control panel sub-assemblies that include the Intelligent Loop Interface-Main Board (ILI-MB-E3/ILI95-MB-E3), Addressable Node Expander (ANX), Repeater (RPT-E3), and the Power Supply (PM-9/PM-9G). The E3 Series Classic draws on 100 or 120 watt amplifiers for powerful, bulk amplification that can be used in a variety of large-scale facilities such as industrial, university, or high-rise complexes.

The E3 Series Classic is a peer-to-peer, self-regenerating token ring passing network consisting of up to (64) nodes. In addition, the Addressable Node Expander (ANX) board expands the network to (122) nodes. The E3 Series Classic System is a modular design. This design allows a wide range of configurations from three basic assemblies to form an integrated, distributed fire alarm system with bulk audio evacuation and fire command capability.

The E3 Series Classic System can have multiple command centers. Each command center can occupy one node on the network. These multiple command centers can either serve as a remote command centers duplicating the functions of a main command center or operate as an independent command center for each location in a large-scale facility.

A node may consist of an Intelligent Network Command Center (INCC-C) comprised of Intelligent Network Interface-Voice Gateways (INI-VGE), fully programmable Addressable Switch (ASM-16) sub-assemblies, a microphone for paging, and a telephone handset for fire fighter communications. The E3 Series Classic includes the following components:

- Intelligent Network Interface-Voice Gateway (INI-VGE-FO or INI-VGE-UTP)
- Addressable Switch Sub-Assembly (ASM-16)
- Amplifier-100 watt (AA-100) or Amplifier-120 watt (AA-120)
- Remote LED Driver (ANU-48)
- ILI-E3 and ILI95-E3 Series loop modules

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## E3 Series Classic



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## Features

- IBC Seismic Certified.
- Listed under UL® Standard 864, 9th Edition.
- UL® Listed for smoke control (dedicated and non-dedicated) when properly configured.
- FM/UL® Listed for Pre-action/Deluge use.
- Provides up to (20), (100) or (120) watt amplifiers per INI-VGE sub-assembly.
- Accommodates up to (122) nodes.
- Network communications convey all fire alarm communication over unshielded, twisted-pair or fiber-optic cable.
- Wires can extend up to 3,000 feet (8890 cm) between each node while the fiber-optic cable can tolerate up to 8 dB loss between each node.

SIGNALING



ME A

Approved

FDNY #: 6175



City of Chicago

Approved

Class 1

Class 2

High Rise

City of Denver

Approved

S1869 3025415 COA # 231-06-E 7165-1703:125



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## Installation

An array of cabinets allows for neat, compact, attractive installations. There are several cabinet options available in the E3 Series Classic System.

Note: the INCC Inner Door is used to install the ASM-16/ ANU-48 sub-assemblies and microphone.

The E3 Series Classic System offers the following enclosure:

- Amplifier Enclosure (CAB-B3, CAB-D3) that houses the AA-100 and AA-120 amplifiers. The enclosures are available in three (C3) or four D3 tiers, with one amplifier occupying one tier.

For additional information on the cabinets, refer to the E3 Series Cabinets data sheet (Part Number: 9020-0649).

## Specifications:

<b>Operating Voltage:</b>	24 VDC
<b>Operating Temperature:</b>	32°-120° F (0°-49° C)
<b>Relative Humidity:</b>	0 to 93% non-condensing at 90° F (32° C)

## Ordering Information

Part Number	Description
<b>E3 Series</b>	Expandable Emergency Evacuation System
<b>E3 Series Classic</b>	E3 Series Classic
<b>ILI-MB-E3</b>	Intelligent Loop Interface-Main Board
<b>ILI-S-E3</b>	Intelligent Loop Interface-Expansion Board
<b>ILI95-MB-E3</b>	Intelligent Loop Interface-Main Board
<b>ILI95-S-E3</b>	Intelligent Loop Interface-Expansion Board
<b>ANX-SR</b>	Addressable Node Expander-Single Ring
<b>ANX-MR-FO</b>	Addressable Node Expander Multi-Ring Fiber Optic
<b>ANX-MR-UTP</b>	Addressable Node Expander Multi-Ring Unshielded Twisted-Pair
<b>LCD-E3</b>	LCD Keypad Display
<b>RPT-E3</b>	Repeater Module
<b>PM-9/PM-9G</b>	Power Supply Module

## INCC-C Intelligent Network Command Center - Classic

Part Number	Description
<b>INI-VGE</b>	Classic enabled voice gateway
<b>INI-VGE-UTP</b>	Classic enabled voice gateway, unshielded, twisted-pair
<b>ASM-16</b>	Programmable switch modules (occupies one slot of inner door)

## Ordering Information (Continued)

### INCC-C Intelligent Network Command Center Classic

Part Number	Description
<b>INCC-IDT</b>	Inner door with one double slot for INCC-TEL handset & 4 slots
<b>INCC-ID</b>	Inner door with 6 slots
<b>INCC-CABR</b>	INCC backbox (black) with red outer door
<b>Dimensions:</b>	(19" H x 19" W x 4" D) (48 H x 48 W x 10 D cm)

### Optional INCC Accessories

<b>INCC-TEL</b>	Fire fighter telephone handset (requires INCC-IDT inner door)
<b>INCC-MIC</b>	Paging microphone module (occupies 1 slot on inner door)
<b>INCC-BP</b>	Command center blank face plate (occupies 1 slot on inner door)
<b>ANU-48</b>	Remote LED driver module (occupies 1 slot on inner door)

### Bulk Amplification

<b>AA-100</b>	Audio Amplifier, 100W @70.7 V <sub>RMS</sub> w/built-in tone generator, 120 VAC
<b>AA-120</b>	Audio Amplifier, 120W @25 V <sub>RMS</sub> w/built-in tone generator, 120 VAC
<b>ACT-1</b>	Audio coupling transformer, for audio systems w/multiple supplies
<b>FCI-DR-C4B</b>	Blank door, lock & keys, for backbox accepting 3 chassis, (Black)
<b>FCI-DR-C4BR</b>	Blank door, lock & keys, backbox accepting 3 chassis, (Red)
<b>FCI-DR-D4B</b>	Blank door, lock & keys, for backbox accepting 4 chassis, (Black)
<b>FCI-DR-D4BR</b>	Blank door, lock & keys, backbox accepting 4 chassis, (Red)
<b>SBB-C4</b>	Backbox, 3 chassis, (Black)
<b>SBB-D4</b>	Backbox, 4 chassis, (Black)

### Optional Amplifier Accessories

<b>FCI-CHG-120</b>	Battery charger, 25-120 A/H sealed lead-acid, mounts in FCI-LBB box
<b>FCI-LBB</b>	Battery box, accommodates batteries up to 55 A/H, black

### Seismic Battery Bracket Kits

For information on the types of Seismic Battery Bracket Kits that are available and the Seismic Battery Bracket Kit Part Numbers and the installation instructions, refer to the following documents:

- Seismic Battery Bracket Installation Guide, P/N: 53839
- E3 Series Cabinets Data Sheets, P/N: 9020-0649

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