



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 sixty-four (64), nodes. In addition, the Addressable Node Expander (ANX) board expands the network to one hundred and twenty-two (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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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 twenty (20), (100) or (120) watt amplifiers per INI-VGE sub-assembly
- Accommodates up to one hundred and twenty-two (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

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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 (4), 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:

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

Ordering Information

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

INCC-C Intelligent Network Command Center - Classic

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

Ordering Information (Continued)

INCC-C Intelligent Network Command Center Classic

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

Optional INCC Accessories

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

Bulk Amplification

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

Optional Amplifier Accessories

FCI-CHG-120	Battery charger, 25-120 A/H sealed lead-acid, mounts in FCI-LBB box
FCI-LBB	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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