E3 SERIES® CABINETS

Cabinets used for the E3 Series System

The E3 Series® Cabinets offer a variety of cabinet options to house either the E3 Series or S3 Series fire alarm control panel systems.

GENERAL

The E3 Series® Expandable Emergency Evacuation System by Gamewell-FCI offers several cabinet size options. The E3 Series System is a modular design that allows a wide range of configurations to form an integrated, distributed fire alarm system. These cabinet options allow for sturdy and modern installations. The E3 Series cabinet assembly is a compact, wall-mounted enclosure. A typical cabinet includes a backbox and an outer locking door. In addition, there are several inner door options and mounting plates to accommodate a variety of E3 Series sub-assemblies.

Each cabinet backbox includes mounting patterns for plates to allow the installer to arrange and secure the sub-assemblies to the backbox. The backbox knockouts are also positioned at numerous points to allow a conduit access into the enclosure.

There are four Annunciator cabinet sizes which provide the maximum flexibility that can meet any application:

- Cabinet AA offers 2 slot or 3 slot options to accommodate any of the following configurations:
  - Inner door, 2 slots allows space for one LCD-E3 or LCD-SLP and one ASM-16
  - Inner door, 3 slots allows space for any combination of three modules: ASM-16, NGA or an ANU-48
- Cabinet A1 houses one NGA or one ASM-16/ANU-48.
- Cabinet A2 accommodates a single LCD-E3.
- E3BB-FLUSH-LCD or E3BB-NGA-FLUSH.

The E3BB-R-B-Slim or B-Slim contains the 600 Series cabinet. Cabinet B includes a mounting plate that contains a space for the following modules:

- ILI-MB-E3/ILI95-MB-E3
- PM-9/PM-9G sub-assemblies
- Batteries set inside the backbox

Additional sub-assembly options mounted on the backbox include the DACT-E3 and RPT-E3. The 2 slot inner door houses the following options:

- one LCD-E3 module and
- either one ASM-16/ANU-48 or one NGA module

E3 Series® Cabinets

FEATURES AND BENEFITS

- IBC Seismic Certified
- 16-gauge steel backbox
- Offers cabinets available in either black or red
- Provides removable cabinet outer and inner doors
- Includes an inner door bonding strap used to provide electrical continuity for grounding

- Designed with Lexan® windows that appear on the outer doors of most cabinets, except the following cabinets that contain louvered doors:
  - Cabinet "C" INX
  - Cabinet "D" INX
  - Cabinet INX CAB-B
- Furnished backbox and door ground studs provide positive grounding. 180° opening door with full clearance

- Designed with a 90° opening door with zero clearance
- Contains a keylock with a quarter turn latch
- Optional Trim Ring accessories available

Honeywell

Gamewell FCI FIRE CONTROL INSTRUMENTS

GENERAL

Both the C and D size Command Center cabinets house a variety of E3 Series Broadband sub-assemblies that can be used in multiple configurations that provide a solution to a wide range of applications. Two flexible inner door panel selections are available for C and D size Command Center cabinets that may contain any of the following:

- fire fighter's phone handset
- microphone
- optional modules to meet the facility operation requirements.

Refer to the Inner Door and Backbox Mounting Capacities in the Ordering Information Section.

ORDERING INFORMATION

Inner Door Mounting Capacity:

Cabinet "AA" Size:

  Dimensions: 19 1/4"W x 10"H x 4 1/2"D, (49W x 25H x 11.4D cm)

  E3BB-BAA: Enclosure, Black, "AA" (LOC) Size

  E3BB-RAA: Enclosure, Red, "AA" (LOC) Size

  E31D2-TA: Inner Door, 2 Slots, (INCC-TEL & ASM-16)

  E3ID2-A: Inner Door, 2 Slots, (LCD-E3 or LCD-SLP & ASM-16)

  E3ID3-A: Inner Door, 3 Slots,(NGA, ASM-16 and MIC)

Cabinet "AA1" Size:

  Dimensions: 8 3/4"W x 10"H x 4 1/2"D, (22W x 25H x 11.4D cm)

  E3BB-BAA1: Remote Enclosure, Black, w/Inner Door, 1 slot, (NGA)

  E3BB-RAA1: Remote Enclosure, Red, w/Inner Door, 1 Slot, (NGA)

Cabinet "A2" Size:

  Dimensions: 13 1/4"W x 10"H x 4 1/2"D, (40W x 25H x 11.4D cm)

  E3BB-BA2: Remote Enclosure, Black, w/Inner Door, 1 Slot, (LCD-E3 or LCD-SLP)

  E3BB-RA2: Remote Enclosure, Red, w/Inner Door, 1 Slot, (LCD-E3 or LCD-SLP)

Flush Cabinet A2 Annunciators:

  Dimensions: 13 1/4"W x 10"H x 4 1/2"D, (40W x 25H x 11.4D cm)

  E3BB-FLUSH-LCD: CAB A2 Remote Flush LCD ANN with Key switch operation

  E3BB-NGA-FLUSH: CAB A2 Remote Flush NGA ANN with Password protected

Cabinet "B-Slim" Size: (Retrofit Kits):

  Dimensions: 14"W x 20"H x 4 1/2"D, (35.5W x 50.8H x 11D cm)

  E3BB-RBSLIM: Assembly, Enclosure, B-SLIM, Red with Backplate and LCD-E3 Keyswitch plate.

  IF600-RETROFIT: Door and Cab mounting plates, disable key switch and door lock (PK-625) for E3 Series upgrade.

ORDERING INFORMATION (CONTINUED)

Cabinet "B" Size:

  Dimensions: 19 3/8"W x 19 3/8"H x 4 1/2"D, (49W x 49H x 11D cm)

  E3BB-BB: Assembly, Backbox Enclosure, Black,"B" Size

  E3BB-RB: Assembly, Backbox Enclosure, Red, "B" Size

  E3ID2-B: Inner Door, 2 Slots, "B" Size

  1100-0460: INX-Transponder 19" (cm) Backbox with Door, Black

  Dimensions: 19 3/8"Wx19 3/8"Hx4 1/2"D, (49Wx49Hx11.43 D cm)

Cabinet "C" Size:

  Dimensions: 19 3/8"W x 30"H x 4 1/2"D, (49W x 76H x 11D cm)

  E3BB-BC/INCC: Enclosure, Command Ctr, Black, "C" Size

  E3BB-RC/INCC: Enclosure, Command Ctr, Red, "C" Size

  E3ID2-C: Assembly, Inner Door, Command Center, 2- Bay "C" Size

  E3ID3-C: Assembly, Inner Door, Command Center, 3-Bay "C" Size

  E3BB-BC/INX: Assembly, Transponder, Black, "C" Size

  E3BB-RC/INX: Assembly, Transponder, Red, "C" Size

  E3-INCC-CPLATE: Command Center module mounting plate, "C" Size

  E3-INX-CPLATE: Transponder mounting plate, "C" Size

Inner Door Mounting Capacity:

  E3-ILI-CPLATE: Intelligent loop module mounting plate "C" Size

Cabinet "D" Size:

  Dimensions: 19 3/8"W x 41"H x 4 1/2"D, (49W x 104H x 11D cm)

  E3BB-BD/INCC: Enclosure, Command Center, Black, "D" Size

  E3BB-RD/INCC: Enclosure, Command Center, Red, "D" Size

  E3ID2-D: Assembly, Inner Door, 2-Bay, "D" Size

  E3ID3-D: Assembly, Inner Door, 3-Bay, "D" Size

  E3BB-BD/INX: Enclosure, Transponder, Black "D" Size

  E3BB-RD/INX: Enclosure, Transponder, Red, "D" Size

  E3-INCC-D-PLATE: CommandCentermodulemountingplateD-Size

  E3-INX-D-PLATE: Transponder module mounting plate, "D" Size

Optional Extender Plates:

  AM-50 Plate: AM-50 Extender Plate

  FPT-GATE-3-EXT: FPT-GATE-3 Extender Plate

Optional Accessories:

  1100-0450: Command Center, blank plate, single size

  E3-BP: Inner door panel, blank, double size

  90375: PM-9/PM-9G Adapter Plate Kit, Hardware

  E3-TRIMKIT-A: Trim kit for "A"/"AA" size enclosure, black

  E3-TRIMKIT-A1: Trim kit for "AA1" size enclosure, black

  E3-TRIMKIT-A2: Trim kit for "A2" size enclosure, black

  E3-TRIMKIT-B: Trim kit for "B" size enclosure, black

  E3-TRIMKIT-C: Trim kit for "C" size enclosure, black

  E3-TRIMKIT-D: Trim kit for "D" size enclosure, black

ORDERING INFORMATION (CONTINUED)

Bulk Amplification:

AA-100: 100 W Audio Amplifier, @70.7 V_{RMS} with 120 VAC

AA-120: 120 W Audio Amplifier, @25 V_{RMS} with 120 VAC

ACT-1: Audio coupling transformer, for audio systems w/multiple supplies.

FCI-CHG-120: Battery Charger, 25-120 A/H Gel cell

FCI-LBB: Battery box, accommodates batteries up to 55 A/H, (Black).

Cabinet C:

FCI-DR-C4B: Large Battery Backbox, Blank door, lock & keys, for backbox accepting 3 chassis, (Black).

FCI-DR-C4BR: Blank door, lock & keys, for backbox accepting 3 chassis, (Red).

SBB-C4: Backbox, 3 chassis, (Black)

Cabinet D:

FCI-DR-D4B: Blank door, lock & keys, for backbox accepting 4 chassis, (Black)

FCI-DR-D4BR: Blank door, lock & keys, for backbox accepting 4 chassis, (Red)

SBB-D4: Backbox, 4 chassis, (Black)

90516: 7100-Slim 7 A/H Seismic Battery Bracket Kit

Seismic Battery Bracket Kits:

E3 B-Slim 7 A/H Seismic Battery Bracket Kit

90517: 7100-Slim 12 A/H Seismic Battery Bracket Kit
E3 B-Slim 12 A/H Seismic Battery Bracket Kit

90518: E3 CAB-B 7 A/H Seismic Battery Bracket Kit
E3 CAB-C 7 A/H Seismic Battery Bracket Kit
E3 CAB-D 7 A/H Seismic Battery Bracket Kit
NetSOLO NS-INX 7 A/H Seismic Battery Bracket Kit
NetSOLO 7100 7 A/H Seismic Battery Bracket Kit

90519: E3 CAB-C (INX only) 12 A/H Seismic Battery Bracket Kit
E3 CAB-D (INX only) 12 A/H Seismic Battery Bracket Kit
NetSOLO NS-INX 12 A/H Seismic Battery Bracket Kit

90520: E3 CAB-B 18 A/H Seismic Battery Bracket Kit
E3 CAB-C 18 A/H Seismic Battery Bracket Kit
E3 CAB-D 18 A/H Seismic Battery Bracket Kit

Retrofit Kits:

For information on the Gamewell and 7200 Retrofit Kits, refer to the following Data Sheets.

9021-60678: Gamewell Retrofit Kits Data Sheet

9021-60733: 7200 Retrofit Kits Data Sheet

Inner Door Mounting Capacity

Part Number	Number of Components
Cabinet AA	
E3ID2-A - (Cabinet AA, Inner Door, 2 Slots)	
LCD-E3 Display and	ONE
ASM-16/ANU-48	ONE
E3ID2-TA - (Assembly, Door, Inner, TEL-E3)	
E3ID3-A - (Cabinet A, Inner Door, 3 Slots)	
NGA or ASM-16	ONE
ASM-16s/ANU-48	TWO
Cabinet AA1	
E3ID-A1 - (Cabinet AA1, Inner Door (includes Box)	
NGA or ASM-16	ONE
Cabinet A2	
E3ID-A2 - (Cabinet A2, Inner Door, (includes Box)	
LCD-E3	ONE
Cabinet B	
E3ID2-B - (Cabinet B, Inner Door, (includes Box)	
LCD-E3 Display and one ASM-16/ANU-48	ONE
NGA and one ASM-16/ANU-48	ONE
B-Slim Cabinet	
LCD-E3 Display & one RPT-E3 or one DACT-E3	ONE
ILI-MB-E3 or one ILI95-MB-E3	ONE
PM-9 or one PM-9G	ONE
Cabinet C	
E3ID2-C - (Cabinet C, Inner Door, 2 Slots)	
LCD-E3 Display and	ONE
Any combination of ASM-16/ANU-48, NGA or Microphone Assemblies	FIVE
Telephone Assembly	ONE
E3ID3-C - (Cabinet C, Inner Door, 3 Slots)	
Any Combination of ASM-16/ANU-48, NGA, or Microphone Assemblies	SEVEN
Telephone Assembly	ONE
Cabinet D	
E3ID2-D - (Cabinet D, Inner Door, 2 Slots)	
LCD-E3 Display	ONE
Any Combination of ASM-16/ANU-48, or NGA or Microphone and	ELEVEN
Telephone Assembly	ONE
E3ID3-D - (Cabinet D, Inner Door, 3 Slots)	
Any Combination of ASM-16/ANU-48, NGA or Microphone Assemblies	THIRTEEN
Telephone Assembly	ONE
Backbox Mounting Capacity	
E3BB-BAA - (Enclosure, "AA' (LOC) Size, Black)	
INI-VG Series Voice Gateway	ONE
E3BB-BAA1 - (AA1 Size Box/Door, Black)	
RPT-E3 Network Repeater	ONE
E3BB-BB B-Size Box/Door, Black	
PM-9/PM-9G Power Supply	ONE
ILI-MB-E3/ILI95-MB-E3 and	ONE
Additional ILI-MB-E3/ILI95-MB-E3	ONE
Loop Interface or ANX or	ONE
DACT-E3 Digital Communicator and	ONE
RPT-E3 Network Repeater	ONE
INX CAB-B Mounting Plate	
PM-9 or PM-9G	ONE
INI-VGX	ONE
AM-50 Series amplifiers	FOUR

Backbox Mounting Capacity (Continued)

Part Number	Number of Components
E3-INCC-C Plate	
PM-9/PM-9G Power Supply	ONE
INI-VG Series Voice Gateway	ONE
ILI-MB-E3/ILI95-MB-E3 Loop Interface and	ONE
Additional ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface or	
DACT-E3 Digital Communicator and	ONE
RPT-E3 Network Repeater	ONE
Optional AM-50 or FPT-GATE-3 Extender Plate	ONE
E3-ILI-C Plate	
PM-9/PM-9G Power Supply	ONE
ILI-MB-E3 or ILI95-MB-E3	ONE
Additional ILI-MB-E3/ILI95-MB-E3 or ILI-S-E3/ILI95-S-E3 or ANX	TWO
DACT-E3	ONE
RPT-E3	ONE
Optional FPT-GATE-3 Extender Plate	ONE
E3-INX-C Plate	
PM-9/PM-9G Power Supply with one PM-9/PM-9G Adapter Plate	ONE
INI-VGX Voice Gateway	ONE
ILI-MB-E3 Loop Interface and	ONE
Additional ILI-MB-E3/LI95-MB-E3/ANX	ONE
DACT-E3 Digital Communicator and	ONE
RPT-E3 Network Repeater	ONE
AM-50 Series Amplifier	FOUR
Optional FPT-GATE-3 Extender Plate	ONE

Backbox Mounting Capacity (Continued)

Part Number	Number of Components
E3-INCC-D Plate	
PM-9/PM-9G Power Supply	ONE
ILI-MB-E3 or ILI95-MB-E3	ONE
Additional ILI-E3 or ILI95-E3 Series or ANX	FOUR
DACT-E3 Digital Communicator	ONE
RPT-E3 Network Repeater	ONE
INI-VG Series	ONE
Optional AM-50 or FPT-GATE-3 Extender Plate	ONE
E3-INX-D Plate	
PM-9/PM-9G Power Supply	ONE
ILI-MB-E3 or ILI95-MB-E3	ONE
DACT-E3 Digital Communicator	ONE
RPT-E3 Network Repeater	ONE
INI-VG Series	ONE
AM-50 Series Amplifier	FOUR
Optional FPT-GATE-3 Plate	ONE
E3BB-BD - (D Size Box/Command Center (Voice), Black)	
PM-9/PM-9G Power Supply	ONE
INI-VG Series Voice Gateway	ONE
ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface	FOUR
Additional ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface or	ONE
DACT-E3 Digital Communicator and	ONE
RPT-E3 Network Repeater	ONE
Optional FPT-GATE-3 Plate	ONE
E3BB-BD - (D Size Box/Command Center, Black)	
PM-9/PM-9G Power Supply	ONE
ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface & Additional ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface or	SEVEN
DACT-E3 Digital Communicator and	ONE
RPT-E3 Network Repeater	ONE
Optional Extender Plates	
AM-50 Extender Plate	
AM-50-25 or AM-50-70	ONE
FPT-GATE-3 Extender Plate	
FocalPoint® Gateway	ONE
PNET-1	ONE
Optional FPT-GATE-3 Extender Plate	ONE

E3 SERIES® CABINETS TECHNICAL SPECIFICATIONS

STANDARDS

The E3 Series fire alarm control panel cabinets are designed to comply with the following standards:

UL Standards: UL 864, 10th Edition:

- Automatic Fire Detector Alarm
- Manual Fire Alarm
- Waterflow Alarm
- Supervisory
- Releasing Device Service
- Releasing/Pre-Action Deluge
- Releasing/Agent Releasing
- Automatic Smoke Alarm, Non-coded and Master Coded Operation

Underwriters Laboratories Standard UL 2572, 2nd Edition (for Mass Notification Systems)

UUKL for Smoke Control

NFPA Standards

NFPA 13 - Standard for Installation of Sprinkler Systems

NFPA 16 - Standard for Foam-Water Sprinkler and Foam Water Spray Systems

NFPA 72 - National Fire Alarm Code:

- Central Station Fire Alarm Systems
- Auxiliary Fire Alarm Systems
- Proprietary Fire Alarm Systems
- Local Fire Alarm Systems
- Remote Station Fire Alarm Systems

NFPA 13 Sprinkler

NFPA 12A Halon 1301

NFPA 15 Water Spray

NFPA 16 Foam Water

NFPA 750 Water Mist

NFPA 2001 Clean Agent

NFPA 12 CO2 Carbon Dioxide

NFPA 17 Dry Chemical/17A Wet Chemical

Seismic Codes

International Building Codes:

- IBC 2013
- IBC 2009
- IBC 2006
- IBC 2003
- IBC 2000 (Seismic)

California Building Code CBC 2007 (Seismic)

STANDARDS (CONTINUED)

The E3 Series Cabinets are designed to comply with the following standard:

UL Standard: UL 864, 10th Edition
UL 2572, 2nd Edition
for Mass Notification

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

UL Listed: S1869
ULS 864, 10th Edition
UL 2572, 2nd Edition

MEA Approved: 6177

MEA FDNY: COA# 6077

CSFM: 7165-1703-0125

FM Approved: 3025415

City of Chicago

City of Denver

VMA Seismic Certified

ISO 9001 Certification

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Country of origin: U.S.A.

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