

E3 Series® Cabinets

Cabinets used for the E3 Series

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.

The following four Annunciator cabinet sizes 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-BSlim 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 & BENEFITS

- IBC Seismic Certified
- 16-gauge steel backbox
- Contains removable outer and inner doors
- Lexan® windows appear on the doors of most cabinets, except the Cabinet "C" and "D" INX cabinets and the INX CAB-B cabinet which contain louvered doors
- Built with an inner door bonding strap used to provide electrical continuity for grounding
- Cabinets are available in either black or red
- Backbox and door ground studs provide positive grounding, and 180° opening door with full clearance
- Offers 90° opening door with zero clearance
- Includes a keylock with quarter turn latch
- Trim Ring accessories available

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

Part Number Description

Cabinet "AA" Size

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

E31D2-A Inner Door, 2-slots
(LCD-E3 or LCD-SLP & ASM-16)

E31D3-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
(22 W x 25 H x 11.4 D 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
(40 W x 25 H x 11.4 D 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
(40 W x 25 H x 11.4 D 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
(35.5 W x 50.8 H x 11 D cm)

E3BB-RBSLIM Assy, 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.

Cabinet "B" Size:

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

E3BB-BB Assy, Backbox Enclosure, Black, "B" Size

E3BB-RB Assy, Backbox Enclosure, Red, "B" Size

E31D2-B Inner Door, 2-slots, "B" Size

1100-0458 B Size INCC Command Center enclosure, black

1100-0459 B Size INCC Command Center enclosure, red door

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

Ordering Information (Continued)

Part Number Description

Cabinet "B" Size (Continued)

Dimensions: 19 3/8" W x 19 3/8" H x 4 1/2" D
(49 W x 49 H x 11.43 D cm)

Cabinet "C" Size:

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

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

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

E31D2-C Assy, Inner Door, Command Ctr.2- Bay "C" Size

E31D3-C Assy, Inner Door, Command Ctr, 3-Bay "C" Size

E3BB-BC/INX Assy, Transponder, Black, "C" Size

E3BB-RC/INX Assy, 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
(49 W x 104 H x 11 D cm)

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

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

E31D2-D Assy, Inner Door, 2-Bay, "D" Size

E31D3-D Assy, 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 Command Center module mounting plate, "D" 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

Bulk Amplification

AA-100 100 W Audio Amp. @ 70.7 V_{RMS} w/ 120 VAC

AA-120 120 W Audio Amp. @ 25 V_{RMS} w/ 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 and keys for backbox accepting 3 chassis, (Black)

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

SBB-C4 Backbox, 3 chassis, (Black)

Cabinet D:

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

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

SBB-D4 Backbox, 4 chassis, (Black)

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

Seismic Battery Bracket Kits

Part Number Description

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

Ordering Information (Continued)

Seismic Battery Bracket Kits (Continued)

Part Number	Description
	E3 CAB-C 7 A/H Seismic Battery Bracket Kit
	E3 CAB-D 7 A/H Seismic Battery Bracket Kit
	NetSOLO NS-INX-7A/H Seismic Battery Bracket Kit
90519	NetSOLO-7100-7A/H Seismic Battery Bracket Kit
	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	Components
Cabinet AA	
E3ID2-A	Cabinet AA, Inner Door, 2-slots
1	LCD-E3 Display and
1	ASM-16/ANU-48
E3ID2-TA	Assembly, Door, Inner, TEL-E3
E3ID3-A,	Cabinet A, Inner Door, 3-slots
1	NGA or ASM-16
2	ASM-16s/ANU-48
Cabinet AA1	
E3ID-A1	Cabinet AA1, Inner Door (Includes Box)
1	NGA or ASM-16
Cabinet A2	
E3ID-A2	Cabinet A2, Inner Door, (Includes Box)
1	LCD-E3
Cabinet B	
E3ID2-B	Cabinet B, Inner Door, (Includes Box)
1	LCD-E3 Display and one ASM-16/ANU-48
1	NGA and one ASM-16/ANU-48
B-Slim Cabinet	
1	LCD-E3 Display & one RPT-E3 or one DACT-E3
1	ILI-MB-E3 or one ILI95-MB-E3
1	PM-9 or one PM-9G
Cabinet C	
E3ID2-C	Cabinet C, Inner Door, 2-slots
1	LCD-E3 Display and
5	Any combination of ASM-16/ANU-48, NGA or
	Microphone Assemblies
1	Telephone Assembly
E3ID3-C	Cabinet C, Inner Door, 3-slots
7	Any Combination of ASM-16/ANU-48, NGA, or
	Microphone Assemblies
1	Telephone Assembly
Cabinet D	
E3ID2-D	Cabinet D, Inner Door, 2-slots
1	LCD-E3 Display
11	Any Combination of ASM-16/ANU-48, or NGA
	or Microphone and
1	Telephone Assembly
E3ID3-D	Cabinet D, Inner Door, 3-slots
13	Any Combination of ASM-16/ANU-48, NGA or
	Microphone Assemblies
1	Telephone Assembly
1	Loop Interface or ANX or
1	DACT-E3 Digital Communicator and
1	RPT-E3 Network Repeater

Backbox Mounting Capacity

E3BB-BAA	Enclosure 'AA' (LOC) Size Black
1	INI-VG Series Voice Gateway
E3BB-BAA1	AA1 Size Box/Door, Black
1	RPT-E3 Network Repeater
E3BB-BB	B-Size Box/Door, Black
1	PM-9/PM-9G Power Supply
1	ILI-MB-E3/ILI95-MB-E3 and

Backbox Mounting Capacity (Continued)

Part Number	Components
E3BB-BB	B-Size Box/Door, Black
1	Additional ILI-MB-E3/ILI95-MB-E3
1	Loop Interface or ANX or
1	DACT-E3 Digital Communicator and
1	RPT-E3 Network Repeater
INX CAB-B Mounting Plate	
1	PM-9 or PM-9G
1	INI-VGX
4	AM-50 Series amplifiers
E3-INCC-C Plate	
1	PM-9/PM-9G Power Supply
1	INI-VG Series Voice Gateway
1	ILI-MB-E3/ILI95-MB-E3 Loop Interface and
	Additional ILI-MB-E3/ILI95-MB-E3/ANX Loop
	Interface or
1	DACT-E3 Digital Communicator and
1	RPT-E3 Network Repeater
1	Optional AM-50 or FPT-GATE-3 Extender Plate
E3-ILI-C Plate	
1	PM-9/PM-9G Power Supply
1	ILI-MB-E3 or ILI95-MB-E3
2	Additional ILI-MB-E3/ILI95-MB-E3 or
	ILI-S-E3/ILI95-S-E3 or ANX
1	DACT-E3
1	RPT-E3
1	Optional FPT-GATE-3 Extender Plate
E3-INX-C Plate	
1	PM-9/PM-9G Power Supply with one
	PM-9/PM-9G Adapter Plate
1	INI-VGX Voice Gateway
1	ILI-MB-E3 Loop Interface and
1	Additional ILI-MB-E3/ILI95-MB-E3/ANX
1	DACT-E3 Digital Communicator and
1	RPT-E3 Network Repeater
4	AM-50 Series Amplifier
1	Optional FPT-GATE-3 Extender Plate
E3-INCC-D Plate	
1	PM-9/PM-9G Power Supply
1	ILI-MB-E3 or ILI95-MB-E3
4	Additional ILI-E3 or ILI95-E3 Series or ANX
1	DACT-E3 Digital Communicator
1	RPT-E3 Network Repeater
1	INI-VG Series
1	Optional AM-50 or FPT-GATE-3 Extender Plate
E3-INX-D Plate	
1	PM-9/PM-9G Power Supply
1	ILI-MB-E3 or ILI95-MB-E3
1	DACT-E3 Digital Communicator
1	RPT-E3 Network Repeater
1	INI-VG Series
4	AM-50 Series Amplifier
1	Optional FPT-GATE-3 Plate
E3BB-BD	
1	D-size Box/Command Center (Voice), Black
1	PM-9/PM-9G Power Supply
1	INI-VG Series Voice Gateway
4	ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface
1	Additional ILI-MB-E3/ILI95-MB-E3/
	ANX Loop Interface or
1	DACT-E3 Digital Communicator and
1	RPT-E3 Network Repeater
1	Optional FPT-GATE-3 Plate
E3BB-BD	
1	D-size Box/Command Center, Black
1	PM-9/PM-9G Power Supply
7	ILI-MB-E3/ILI95-MB-E3/ANX Loop Interface &
	Additional ILI-MB-E3/ILI95-MB-E3/ANX Loop
	Interface or
1	DACT-E3 Digital Communicator and
1	RPT-E3 Network Repeater
Optional Extender Plates	
AM-50 Extender Plate	
1	AM-50-25 or AM-50-70
FPT-GATE-3 Extender Plate	
1	FocalPoint® Gateway
1	PNET-1
1	Optional FPT-GATE-3 Extender Plate

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 9th 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 (Mass Notification Systems).

UUKL for Smoke Control

UL2572 1st Edition

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)

For more information

Learn more about Gamewell-FCI's E3 Series® Cabinets and other products available by visiting www.Gamewell-FCI.com

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STANDARDS

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

UL Standard: UL 864 9th Edition

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

MEA Approved: 6177

Fire Dept. of New York: COA# 6077

CSFM: 7165-1703-0125

FM Approved: 3025415

City of Chicago

City of Denver

VMA Seismic Certified

ISO 9001 Certification

For a complete listing of all compliance approvals and certifications, please visit:

<http://www.gamewell-fci.com/en-US/documentation/Pages/Listings.aspx>

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