

# E3 Series® LOC

## Local Operating Console

### General

The Gamewell-FCI, E3 Series®, Local Operating Console (LOC) is a paging component that houses the modules that support the remote audio paging devices used for emergency notification. It can be remotely distributed in real-time via pre-recorded messages, live voice paging, or text messages. It is used in the following E3 Series Systems.

- E3 Series Expandable Emergency Evacuation System
- E3 Series Combined Fire and Mass Notification System to comply with the DOD, United Facilities Criteria (UFC) guidelines
- E3 Series Broadband Voice Evacuation Systems

The LOC's robust distributed messaging capabilities allow users to program the system to broadcast messages that automatically change as the situation changes. This versatile feature makes it possible for the system to simultaneously distribute different emergency communications to zones, floors, multiple buildings, large outdoor campuses or facility areas.

The Local Operating Console uses a state-of-the-art Digital Signal Processor (DSP) that produces reliable, high fidelity audio messaging and it allows live voice instructions. The Network Touchscreen Graphic Annunciator (NGA) provides the LOC with the capability to display text messaging over the network to all Local Operating Consoles within a protected area. The Addressable Switch Module (ASM-16) includes 16 programmable switches for message, control, and zone paging.

The E3 Series LOC communicates over the network, allowing full communication and control over a single pair of wires or fiber-optic cable. This E3 Series distributed architecture, including Style 7 wiring configuration, provides complete supervision and survivability if a fault condition occurs or the system is compromised. All LOCs on the network are supervised.

The Local Operating Console comprises the following components:

- AA Cabinet with mounting patterns for the INI-VG Series
- 3-slot inner door for mounting the following:
  - One INCC-MIC paging microphone
  - One or two ASM-16s
  - One ASM-16 and one NGA

**Note:** Gamewell-FCI recommends you install the speakers at 4 ft. (1.2 m) or more from the microphone.

## FEATURES & BENEFITS

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|---|---|--|---|---|
| <ul style="list-style-type: none"> <li>• Listed under UL® Standard UL2572 for Mass Notification</li> <li>• IBC Seismic Certified</li> <li>• Offers instantaneous audio or text messaging</li> </ul> | <ul style="list-style-type: none"> <li>• Includes an optional thumb quarter turn latch and trim ring available</li> <li>• Includes 16 message capacity with up to a 3 minute duration per each LOC</li> </ul> | <ul style="list-style-type: none"> <li>• Supports up to two ASM-16 modules for a total of 32 switches used for each LOC</li> <li>• Allows messages to be easily field-configured via a laptop computer</li> <li>• Built of a 16-gauge steel backbox with a full Lexan® window and keylock on the door</li> </ul> | <ul style="list-style-type: none"> <li>• Provides all communication signals and control-by event sequences connected over twisted, unshielded pair of wires or fiber-optic cable</li> </ul> | <ul style="list-style-type: none"> <li>• Uses E3 Series distributed architecture, including Style 7 wiring configuration</li> <li>• Transmits at a network data transfer rate of 625K baud</li> </ul> |
|---|---|--|---|---|



E3, LOC

# E3 Series® LOC Technical Specifications

## SYSTEMS

**E3-LOC:** Local Operating Console

**Dimensions:** 19 1/4"W x 10"H x 4 1/4" D  
(48.9W x 25.4 x 10.8 D cm)

## TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (non-condensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

## Ordering Information

**E3BB-BAA:** AA Cabinet

**E3ID3-A:** Inner Door, 3 Slots

**1100-0452:** INCC-MIC, Paging Microphone

**1100-0455:** ASM-16, Addressable Switch Module

**INI-VG Series (Third Generation-Voice Gateway Models):**

**INI-VGC:** (Command Center Voice Gateway with unshielded twisted-pair wire networking, optional fiber-optic module connection)

**FML-E3:** Fiber-optic module, multi-mode fiber connector, single channel

**FSL-E3:** Fiber-optic module, single-mode fiber connector, single channel

**INI-VG Series (Legacy Models):**

**1100-1321:** INI-VGC-FO (Command Center Voice Gateway-fiber-optic module)

**1100-1322:** INI-VGC-UTP (Command Center Voice Gateway-unshielded twisted-pair only)

**Optional Components:**

**1100-0505:** NGA, Network Graphic Annunciator

**Thumb lock:** Thumb quarter turn latch

**E3-TRIMKIT-A:** Trim Ring

## STANDARDS

The E3 Series, Local Operating Console (LOC) is designed to comply with the following standards:

**UL Standards:** 864 9th Edition,  
2572 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 the factory for the latest listing status.

**UL Listed:** S1869  
2572 for Mass Notification

**FM Approved:** 3025415

**MEA Approved-Fire Dept. of New York:** COA# 231-06-E

**CSFM:** 7165-1703:0125, 7170-1703:0126

**City of Chicago:** Class 1, Class 2 and High Rise

**City of Denver Approved**

**VMC Reference of Certification:** VMA-45894-02C

**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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## For more information

Learn more about Gamewell-FCI's E3 Series® LOC and other products available by visiting [www.Gamewell-FCI.com](http://www.Gamewell-FCI.com)

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