



**Specialized Communication Solutions**





# GAI-Tronics is the pioneer in the development of industrial communication systems since 1946.

Oil Production, Manufacturing, Petro-chem Plants, Pulp/Paper Mills, Steel Mills, Waste Water Facilities. These facility types are characteristic of noisy, dirty and hazardous environments, requiring efficient communication systems for monitoring, speech broadcast, operational, security, and safety purposes.

## Our Capabilities

- VoIP Architecture
- Public Address/General Alarm
- Emergency Notification
- Process Communications
- Point-to-Point Intercom
- Audio / Video Communications
- Real-time System Monitoring
- Integration with Legacy Systems
- Security Access Control



## Customer Service

### USA

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### UK

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Email: [sales@gai-tronics.com](mailto:sales@gai-tronics.com)



## Technical Service & Support

### USA - Headquarters

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### USA - New Orleans Office

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Public Address / General Alarm



Paging/Intercom



Multi-functional IP Endpoints

The Power of IP-based Control & Communication Modernizing system integrity, functionality, and communications in the most demanding environments.



### Elemec3

Elemec3 (E3) is a network enabled Public Address and General Alarm (PA/GA) system designed for life critical installations.

- Multiple combined single, N+1 and A/B architectures
- Seamless connection to VoIP phones and paging stations
- Class D intelligent power amplifiers
- Prioritized paging and alarms
- Up to 64 programmable audio zones per controller
- Hot standby power amplifiers
- Modular design

#### RELATED PRODUCTS

Elemec3 IP Access Panels | IP Access Panel Lite | SP2 | HUBBCOM | Rugged Telephones | Speakers | Cable



### IP Controller

IP controller is a PoE powered alarm generator and SIP telephone interface designed to operate with both GAI-Tronics and third-party multicast devices.

- 256 inputs and outputs (I/O)
- 8 multicast inputs
- 16 multicast outputs
- SIP telephone connection
- Local 600Ω input and output
- Link to 16 IP Access Panels

#### RELATED PRODUCTS

SP2 | HUBBCOM



## Elemec3 IP Access Panel

IP Access Panel (IPAP) is an application for E3 designed to provide high level Elemec3™ system accessories

- Free download!
- Compatible with Windows 10® pc & tablets
- Connect to multiple systems from a single device
- Security coded prioritized access
- Pre-loaded or download application
- No dedicated device required
- Unlimited pages & buttons

### RELATED PRODUCTS

Elemec3



## IP Access Panel Lite

IP Access Panel Lite provides touchscreen alarm activation and zone paging in conjunction with an Elemec3 IP PA/GA system.

- Integrates with Elemec3
- Programmable alarm buttons
- Point-to-Point, serverless audio & video
- Zone paging and intercom
- Integral Speaker
- Handset with noise-cancelling microphone
- SIP Telephone
- Bluetooth and Wi-Fi connection

### APPROVALS

UL/IEC62638-1

### RELATED PRODUCTS

Elemec3



## SP2

SP2 (Serverless Page/Party) is a VoIP-based paging and intercom system designed for reliable communications in the world's harshest environments.

- Multicast VoIP technology
- Serverless architecture
- Connection via CAT5/6 or fiber
- AC, DC, or PoE power
- 30-watt speaker amplifier with ambient noise sensing
- Indoor, outdoor, and hazardous area stations
- Remote monitoring
- Remote configuration

### APPROVALS

Class I, II, III, Division 1 or 2  
ATEX Zone 1 and 2  
IEC Zone 1 and 2

### RELATED PRODUCTS

Elemec3  
HUBBCOM  
SP2 Page/Party Interface  
Speakers  
Cable



## SP2 Page/Party® Interface

The SP2 Page/Party Interface makes it simple to add SP2 and HUBBCOM stations to existing analog Page/Party systems.

- Dedicated interface between SP2/HUBBCOM systems and Page/Party systems
- Six independent bi-directional conversion channels
- Echo cancellation
- Remote configuration
- Indoor, wall-mount unit

### RELATED PRODUCTS

SP2  
Page/Party®  
HUBBCOM



## HUBBCOM

HUBBCOM is a family of multi-functional IP endpoints designed to provide solutions for multiple communication needs.

- Serverless audio & video
- Paging and intercom
- SIP Telephone
- Access Control
- 7-inch capacitive touchscreen
- ONVIF-compatible HD camera
- Desktop or Wall-mount
- Handset or hands-free operation
- 24 V dc or PoE / PoE+ Input
- Integral speaker and external speaker output
- Bluetooth and Wi-Fi connection

### APPROVALS

UL/IEC62638-1

### RELATED PRODUCTS

Elemec3  
 SP2  
 SP2 Page/Party Interface  
 Speakers  
 Cable



## Rugged Telephones

Rugged Telephones provide reliable communication in demanding environments.

- Handset or handsfree models
- VoIP or analog option
- Indoor, outdoor, and hazardous area stations
- Input/output option
- Optional built-in speaker amplifier
- Remote monitoring
- Remote configuration

### APPROVALS

Class I, II, III, Division 1 or 2  
 ATEX Zone 1 and 2  
 IEC Zone 1 and 2

### RELATED PRODUCTS

Elemec3  
 ADVANCE



### Page/Party®

Page/Party is an analog paging and intercom system, providing reliable and intelligible communication for industrial environments.

- Simple installation and operation
- Connection via GAI-Tronics' system cable
- Standard or SmartSeries models
- AC or DC powered
- 12-watt speaker amplifier with optional ambient noise sensing
- Indoor, outdoor, and hazardous area stations

#### APPROVALS

Class I, II, III, Division 1 or 2

#### RELATED PRODUCTS

ADVANCE  
ICS  
SP2 Page/Party Interface  
Speakers  
Cable



### ADVANCE

ADVANCE is a microprocessor-controlled analog paging, intercom, and emergency notification system. ADVANCE controls Page/Party and ICS SmartSeries stations.

- Single, N+1, or A/B configuration
- Network up to 16 systems
- Control and monitor over 5,000 SmartSeries stations
- Broadcast up to 100 alarm tones
- Simple identification of faults
- Remote monitoring and configuration
- Prioritized paging and alarms

#### RELATED PRODUCTS

ADVANCE Access Panel | Page/Party | ICS | Speakers | Cable





## ICS

ICS is an advanced analog paging and intercom system. Compatible with Page/Party, ICS also provides reliable and intelligible communication for industrial environments.

- Simple installation and operation
- Connection via GAI-Tronics' system cable
- Standard or SmartSeries models
- AC or DC powered
- 30-watt speaker amplifier with optional ambient noise sensing
- Indoor, outdoor, and hazardous area stations

### APPROVALS

Class I, II, III, Division 1 or 2  
ATEX Zone 1 and 2  
IEC Zone 1 and 2

### RELATED PRODUCTS

ADVANCE  
Page/Party  
SP2 Page/Party Interface  
Speakers  
Cable



## ADVANCE Access Panel

ADVANCE Access Panels provide an operator interface for alarm control, status monitoring, and page and party line communication.

- Desktop or rackmount models
- Optional display for status monitoring
- Programmable switches/lamps
- Handset with noise-cancelling microphone
- Connection via single-pair copper or fiber optics

### RELATED PRODUCTS

ADVANCE | Page/Party | ICS | Speakers | Cable



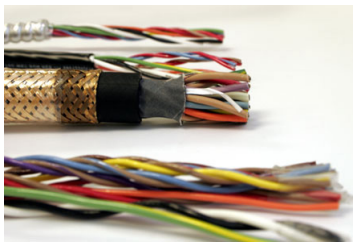
### Audio Messenger Interface

Audio Messenger Interface (AMI) is an MP3-based tone/speech generator and telephone interface.

- Compatible with Page/Party®, ICS, SP2, and ADVANCE
- User configurable
- Built-in tone library
- Analog telephone interface
- Wall- or rack-mount models

#### RELATED PRODUCTS

Page/Party | ICS | SP2 | ADVANCE



### Cable

Cable is available for a variety of different systems, applications, and environments.

- 8- or 16-conductor Page/Party system cable
- 2- or 3-conductor speaker cable
- Standard or armored cable
- Aluminum or bronze braid
- Low Smoke Zero Halogen jacket option
- Crush and impact resistant jacket option

#### APPROVALS

UL Subject 1225 and 1277  
 CSA C22.2 No. 239  
 NEC Article 501  
 IEEE-45  
 IEC 60331, 331, and 332-2 Cat. A

#### RELATED PRODUCTS

Elemec3  
 SP2  
 HUBBCOM  
 Page/Party  
 ICS  
 ADVANCE



## Speakers

Speakers are available for a variety of different systems, applications, and environments.

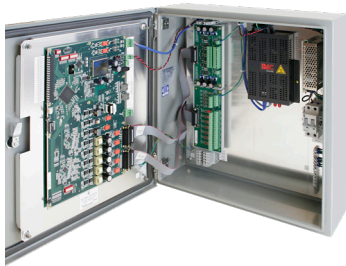
- Impedance (8Ω, 16Ω) and constant voltage (70.7v, 100v)
- Driver/horn combinations and integral driver models
- Indoor, outdoor, and hazardous area models

### APPROVALS

Class I, II, III, Division 1 or 2  
ATEX Zone 1 and 2  
IEC Zone 1 and 2

### RELATED PRODUCTS

Elemec3  
SP2  
HUBBCOM  
Page/Party  
ICS  
ADVANCE



## Line Extender

Line Extenders are used in pairs to extend or expand Page/Party, ICS, and ADVANCE systems.

- Up to 2 serial pairs or 9 parallel pairs of Line Extenders
- Copper, Fiber Optic, or IP versions available
- Up to 25-mile transmission over fiber optics
- Wall-mount or rackmount models

### RELATED PRODUCTS

Page/Party | ICS | ADVANCE



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