

Features

- Full Duplex Communication
- Modular Design
- Powerful 12 Watt Amplifier
- Noise-cancelling Microphone
- Durable Housing
- Minimal Maintenance
- Non-moveable Electronic Hookswitch
- Hearing-aid Compatible Handset
- Hazardous Area Approvals

Options

- One or Five Party Lines
- AC or DC Operation
- Handset/Amplifier or Amplifier Only Stations
- Auxiliary Jack for Headset Operation
- PVC or Hytrel® Handset Cords
- Remote Volume Level Control (VLC)



GAI-TRONICS' Page/Party® system provides two important plant communication functions in one durable, easy-to-operate package, offering paging, and five line intercom capability. Through the page function individuals can be contacted anywhere in your facility. For further communication, the party line function allows two or more people to converse without being heard over the paging speakers.

Page/Party® is a distributed amplifier system with each station containing a 12W speaker amplifier. Stations / amplifiers are parallel wired, simplifying system design and expansion. Distributed amplifier systems offer major advantages over conventional power amplifier systems. For example, if an amplifier fails in a distributed system, only the associated speaker is inoperable; all other system speakers will continue to broadcast pages.

All Page/Party® station amplifiers are electronically paralleled, and systems may be expanded by extending cable from the nearest amplifier or junction box. A single resistive load (Line Balance) is required for each page and party line circuit to establish line impedance and minimize effects of stray induced hum or noise.

Page/Party® operation is simple; the user lifts the station handset, presses the page pressbar and announces. The responding individual lifts the handset of their nearest station for full duplex communication over the party line. Speaker amplifier versions are available for powering speakers where handset intercom stations are not required.

Indoor Page/Party® Stations

120 V ac Stations						
Model Number	Consists of:		Headset Jack	Multi-Party	Single-Party	Amplifier Only
	Amplifier	Enclosure				
7005-102	701-302	703A		✓		
7005-104	701-304	703A	✓	✓		
700-102	701-302	702A			✓	
700-103	701-304	702A	✓		✓	
750-401	751-001	702A				✓
24 V dc Stations						
7005-207	701-307	703-002		✓		
7005-208	701-309	703-002	✓	✓		
700-207	701-307	702-002			✓	
700-208	701-309	702-002	✓		✓	
750-402	751-002	702-002				✓

Specifications

Electrical

AC Stations

Supply Voltage 90-140 V ac
 Max Power Consumption 58VA
 Input frequency range 50/60 Hz

DC Stations

Supply Voltage 21-28.8 V dc
 Max Power Consumption 27W

Handset

Microphone Dynamic, noise-cancelling
 Receiver Dynamic, hearing aid compatible
 Material ABS
 External Control Push-to-page handset pressbar

Handset Amplifier

Output Level 1.5V_{RMS} nominal into 33Ω load.
 Output Limiter 1.5V_{RMS} nominal
 Gain 55dB nominal (below limiter level);
 adjustable from 40 to 63 dB
 Frequency Response 250 - 4,000 Hz
 +0/-3dB ref. to 1 KHz (below AGC)
 Distortion 1.5% maximum THD @ 1KHz
 Controls Microphone gain, receiver volume
 and sidetone

Speaker Amplifier

Output 12 watts minimum with nominal supply voltage
 Voltage Gain 26dB maximum, adjustable
 Frequency Response 250-4,000 Hz,
 +0/-3dB ref. to 1kHz
 Distortion 1% maximum THD @ 1KHz
 Input Impedance 50KΩ
 Controls Speaker Volume

Mechanical

Construction 16-gauge cold-rolled steel
 Finish Gray baked enamel
 Connections Screw-type barrier terminal blocks
 Dimensions (overall)
 - Multi-party Station 12.3 H x 8.1 W x 8.2 D
 (313 x 206 x 209 mm)
 - Single-party Station 8.1 H x 8.1 W x 8.2 D
 (206 x 206 x 209 mm)
 - Amplifier only Station 8.1 H x 8.1 W x 5.1 D
 (206 x 206 x 129 mm)
 Temperature Range -22° F to +158° F (-30° C to +70° C)
 Shipping Weight
 - Multi-party Station 14.3 lbs (6.5kg)
 - Single-party Station 11.8 lbs (5.4kg)
 - Amplifier only Station 9.8 lbs (4.5kg)

Approvals

NRTL Listed for USA & Canada Class I, Div. 2, Groups A, B, C, D