

Features

- **Master / Slave User Configurable**
- **Hands-free Operation**
- **Rugged Construction**
- **Wide Range of Operating Temperatures**
- **Easy Installation: Power Lead and Single Audio Pair Only (Additional Pair Required for Master / Slave)**
- **Compatible with GAI-TRONICS' RigCom**
- **Accepts Footswitch**



EZ Page Intercom

For over 50 years, GAI-TRONICS equipment has performed under the most severe operating conditions - often in areas where traditional intercoms would fail. The EZ Page product fills a market need for simple, reliable, easy-to-use communications in environmentally challenging conditions.

EZ Page is a common-talk communication system designed for a wide variety of rugged applications. The system is simple to use with push-to-talk / release-to-listen (PTT/RTL) operation, and will withstand the harsh effects of the environment. The station consists of a rugged cast-aluminum enclosure which houses the electronics and loudspeaker, which also functions as the microphone.

To meet a wide range of customer requirements, the EZ Page system is available in two standard configurations: Master/Slave and Common line. In the Master/Slave system,

the Master station controls the talk/listen function of the Slave, which is normally in transmit mode allowing the Master to monitor the Slave speaker. The Common Line system allows the user to call everywhere simultaneously. All stations are on a common-talking path and are normally in listen mode until a user presses the PTT/RTL transmit button. After the page is announced (over all stations), other users hear the conversation over the station speaker and may join the conversation by pressing the PTT/RTL button.

Typical Installations

- **Bottling Plants**
- **Security Gates**
- **Warehouse Facilities**
- **Railroad Yards**
- **Production / Assembly Lines**
- **Automotive Plants**
- **Light Industry**

Quick Reference Guide

Model No.	Electrical	Master/ Slave	Accepts Footswitch	Toggle Switch	Push Button	Enclosure Approval	Safety Approval
GC-AC1	120 VAC, 50/60 Hz	X	X	X		NEMA 4X	UL813
GC-AC2	230 VAC, 50/60 Hz	X	X	X		NEMA 4X	UL813
GC-AC3	207/256 VAC Range, 50/60 Hz				X	IP 55	CE
GC-DC1	12-16 VDC Range	X	X	X		NEMA 4X	UL813



Intercom



Specifications

Electrical

Model GC-AC1:	
Voltage	120 VAC, 50/60 Hz
Power Consumed Standby / Max. Speaker Output (8 Watts)	.7.2 VA, 3.6W / 27.6VA, 22.5W
Model GC-DC1:	
Voltage	12-16 VDC range
Power Consumed Standby / Max. Speaker Output (8 Watts)	1.8W / 18W
Model GC-AC2:	
Voltage	230 VAC, 50/60 Hz
Power Consumed Standby / Max. Speaker Output (8 Watts)	6.9VA, 4W / 27 VA, 22W
Model GC-AC3:	
Voltage	207/253 VAC Range, 50/60 Hz (230 VAC, 50Hz Nominal)
Power Consumed Standby / Max. Speaker Output (8 Watts)	6.9VA, 4W / 27 VA, 22W

Amplifier PCB Assembly

Frequency Response	250-8 kHz, +0/-3 dB (Ref to 1kHz) 155-12kHz, (-6dB)
Distortion	1% maximum THD @ 1000 Hz, 8 Watts
Gain	25 dB nominal (Listen Mode), 46 dB nominal (Talk Mode)
Input sensitivity for rated spkr output @ 1 kHz	~310mv RMS
Internal Controls	Balanced/unbalanced jumper, L/MASTER-SLAVE mode switch
Input Impedance	4,800 ohms (Listen mode, Bal)(Ref. to 1 kHz, Vol. CW)
Hum/Noise below rated output	-64dB min.

Integral Speaker Assembly

Speaker Rating	30 Watt max
Speaker Frequency Response	250-5000 ohm (nom) (-6dB)
Speaker SPL (test based on IEC268-5, measured using 8 watts @ 1 meter, pink noise, wall mounted)	113 dB
Frequency Response	250-8 kHz, +0/-3 dB (Ref to 1kHz) 155-12kHz, (-6dB)

General

External Controls	Speaker Volume / On-Off, Listen/Talk switch
Connections	
Power:	9.5 foot (2.89m), 3-conductor 18 gauge, type SJTW with NEMA 5-15P plug
GC-AC1, GC-AC2:	9.5 foot (2.89m), 4-conductor 18 gauge, SJOW-A with wire ends
Audio Control:	
All Models:	9.5 foot (2.89m), 2 unshielded twisted pairs, 18 gauge, PVC with wire ends
Enclosure	Cast Aluminum
Color	RAL5017 Blue
Temperature Range (Operating/Storage)	-40° to + 158°F (-40° to 70°C)
Dimensions	11.2" (284.5mm) H x 5.45" (138.4mm) D 6.97" (177mm)W
Unit Weight:	
Model GC-AC1 and GC-AC2:	11.1 lbs (5.1 kg)
Model GC-DC1:	10 lbs (4.5 kg)
Model GC-AC3:	10.93 lbs (4.95 kg)

Approvals

Model GC-AC1, GC-AC2, and GC-DC1	
Enclosure	Compliant with NEMA 4X
Safety	Compliant with UL813
Model GC-AC3	
Enclosure	IP 55
Safety	Compliant with BS EN 60950
EMC Compliant with:	EN55022 Class B, EN 61000-4-3, EN 61000-4-6, EN 61000-4-4, EN 61000-4-2



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