Features

- **Provides Head-End Control for GAI-Tronics® Campus Public Address Systems**
- **Initiates up to 125 Different Tone/Voice Messages in Conjunction with GAI-Tronics' Audio Messenger Interface (AMI)**
- **Live Voice Broadcast Utilizing Pressbar Handset, Integral Microphone, or Optional Plug-in Desk Microphone**
- **Voice Broadcast Override of Active Alarm Tone/Message**
- **One-Touch Alarm Activation Buttons (8)**
- **DTMF Keypad for Individual Addressable Amplified Speaker or Stanchion Broadcast Product Access**
- **System Monitoring Via Integral Speaker**
- **32-Character LCD Display**
- **Programmable Zone/Alarm Alias Display**
- **Communicates with AMI via RS232**
- **Alarm Deactivation Control**
- **PC Programmable**
- **Plug-in Power Supply Included**

Applications

Mass Notification for:

- College / School Campuses
- Water/ Amusement Parks
- Communities (Public Safety)
- Parking Areas

The **ACC2500 Audio Control Center** deskset is a component of a stand-alone public address system that offers a feature-rich, yet cost effective, solution of central audio control for Mass Notification. The ACC2500 is extremely user-friendly, offering single button activation of common alarms or pre-programmed messages generated by the Model 10959-903 Audio Messenger Interface. The 2-line LDC display provides visual indication of the selected zone or broadcast unit and the alarm/message being generated. The UP/DOWN controls allow easy access to the pre-programmed speech messages and alarm tones (up to 250). The deskset's integral speaker will monitor all system audio activity, even audio from an external source (radio system or telephone system access). The unit's DTMF keypad allows manual selection of individual devices or zones for live voice broadcasting.

The operator can perform a live broadcast simply be pressing the TRANSMIT button on the deskset's front panel and speaking or by lifting the handset from its cradle and using the PTT pressbar. A live broadcast will mute any currently playing alarm message, giving the live broadcast priority but returning the active alarm to its normal volume when the live broadcast has completed.

The ACC2500 is provided complete with a plug-in power supply and must be installed within 50 ft. of the AMI (RS232 requirements). A second unit can be connected for hot stand-by operation.

A "deactivate" button is provided to immediately silence any active broadcast device.
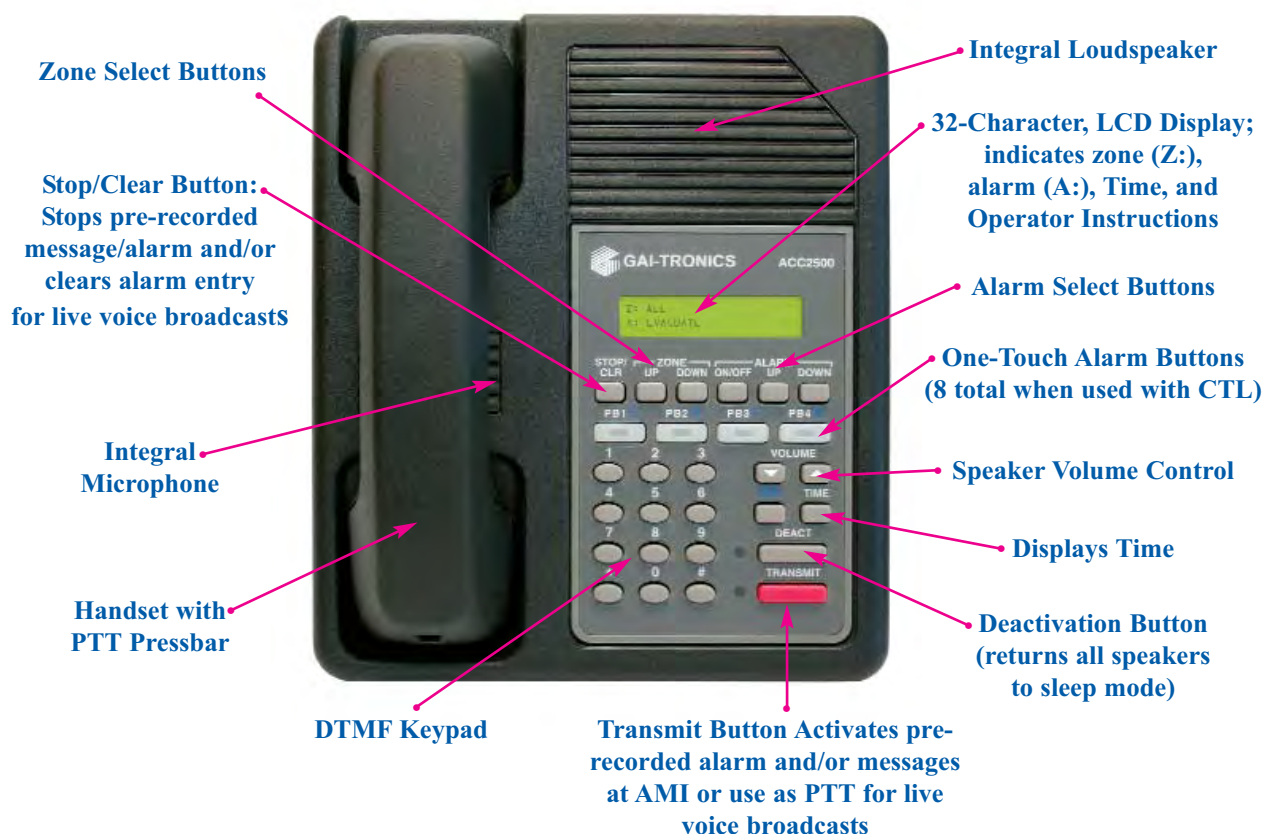
Audio Control Center
Model ACC2500

GAI-TRONICS®

Specifications

Color . . . . Black
Dimensions . . . . 7.6" W x 8.9" L x 4.7" H
Weight . . . . 3.2 lbs. min.
Temperature . . . . -35° to +70°C
Humidity . . . . 95% at 50°C non-condensing
Power Input . . . . 10.5 to 16 V dc, 400 mA maximum
Frequency Response . . . . ±3 dB from 300-3000 Hz
Audio Output to Speaker . . . . 1 watt minimum
Audio Distortion . . . . Less than 3% THD
Audio / Data Connections . . . . Modular

Controls

Zone Select Buttons

Stop/Clear Button:
Stops pre-recorded
message/alarm and/or
clears alarm entry
for live voice broadcasts

Integral
Microphone

Handset with
PTT Pressbar

DTMF Keypad

Integral Loudspeaker

32-Character, LCD Display;
indicates zone (Z:),
alarm (A:), Time, and
Operator Instructions

Alarm Select Buttons

One-Touch Alarm Buttons
(8 total when used with CTL)

Speaker Volume Control

Displays Time

Deactivation Button
(returns all speakers
to sleep mode)

Transmit Button Activates pre-
recorded alarm and/or messages
at AMI or use as PTT for live
voice broadcasts

Accessories / Programming / System Components

12612-002	ACC2500 to AMI Interface Assembly	234SBA	Stanchion Broadcast Assembly
10959-903	Audio Messenger Interface	234SBM	Stanchion Broadcast Module
XAC0004A	Programming Cable	13353	Addressable Amplified Speaker, 600 Ohm
XAC4000A	Programming Bundle	13363/13373	Addressable Amplified Speaker, VHF/UFH

Quality Management System Certified by DNV - ISO 9001:2008. The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.

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