RED ALERT by GAI-TRONICS

Model 234SBA

RED ALERT® Tower Broadcast Assembly

Features

- 360° Coverage at 110 dB SPL @ 1 meter (4-speaker installation)
- Cost-Saving Variable Speaker Configurations (1, 2, 3, or 4) to Meet Minimum Coverage Requirements
- 108" H (114" H with strobe lens), 3/16-inch Steel with Architectural Bronze Powder Epoxy Finish
- ADA Compliant
- Weatherproof Design
- Houses GAI-TRONICS' RED ALERT® Emergency Telephone, or VoIP/WiFi Emergency Telephone (purchased separately)
- Broadcast Audio Access via 600 Ohm or Radio (VHF or UHF) Input
- Addressable via DTMF (Telephone or RF application) or 2-Tone (RF application)
- Remote Volume Control via DTMF
- Programmable Output Control for Strobe Activation During Alarm
- Back-Up Battery Included (2.8 Ah) for 1 Hour Back-Up at Full Output (built-in trickle charge circuit)
- Custom Colors and Graphics Available
- PC Programmable

Applications Mass Notification for:

- College / School Campuses
- Communities (Public Safety)
- Transit Platforms
- Amusement Parks

GAI-TRONICS' telephones and strobes are sold separately.

The **234SBA Stanchion Broadcast Assembly** stands over 9-feet tall and provides high-quality, extremely intelligible voice and tone Public Address. Each assembly is addressable via DTMF or 2-Tone signaling and is capable of being programmed for up to eight (8) addresses, allowing easy zoning of the Public Address system. An integral part of GAI-TRONICS' Campus Public Address system, the 234SBA is extremely versatile in that it can be accessed from an existing telephone network, radio system, or both. The integral loudspeakers are provided separately, permitting installation of only the required number of speakers to meet coverage requirements.

The amplification electronics are mounted neatly on the access panel at the base of the unit, permitting ready access to the active components of the system and interconnecting wiring. Only the speakers are housed in the top portion of the stanchion. The broadcast functionality operates completely separate from the two-way device installed in the stanchion (telephone, VoIP, or WiFi).

The rugged, submersible, speakers will take anything Mother Nature can throw at them and provide a powerful 110 dB SPL output, measured at 1 meter on axis.

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Specifications

Finish ..... Powder Coat Architectural Bronze
Dimensions ..... 10"W x 10"D x 114"H
Materials ..... 3/16-inch Steel
Shipping Weight (84509-201 Stanchion Body) ..... Approx. 225 lbs.
Power Requirements:
- Phone Light Panel .....120 V ac, 60Hz
- Strobe ..... 120 V ac, 60 Hz
- Electronic Paging Module ..... 120/230 V ac, 50/60 Hz

Humidity ..... 95% non-condensing
Temperature Range ..... -4° F to +140° F (-20° C to +60° C)
Amplifier Output Power ..... 4 mW to 8W
Speaker Output ..... 110 dB SPL at 1 meter on axis (at 8W)

Accessories / Programming / System Components

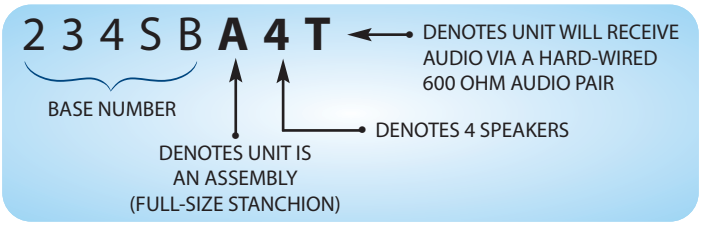
ACC2500 ..... Audio Control Center
10959-903 ..... Audio Messenger Interface
XAC0004A ..... Programming Cable
XAC4000A ..... Programming Bundle
234SBM ..... Stanchion Broadcast Module
13353 ..... Addressable Amplified Speaker, 600 Ohm
13363/13373 ... Addressable Amplified Speaker, VHF/UFH

Ordering Information

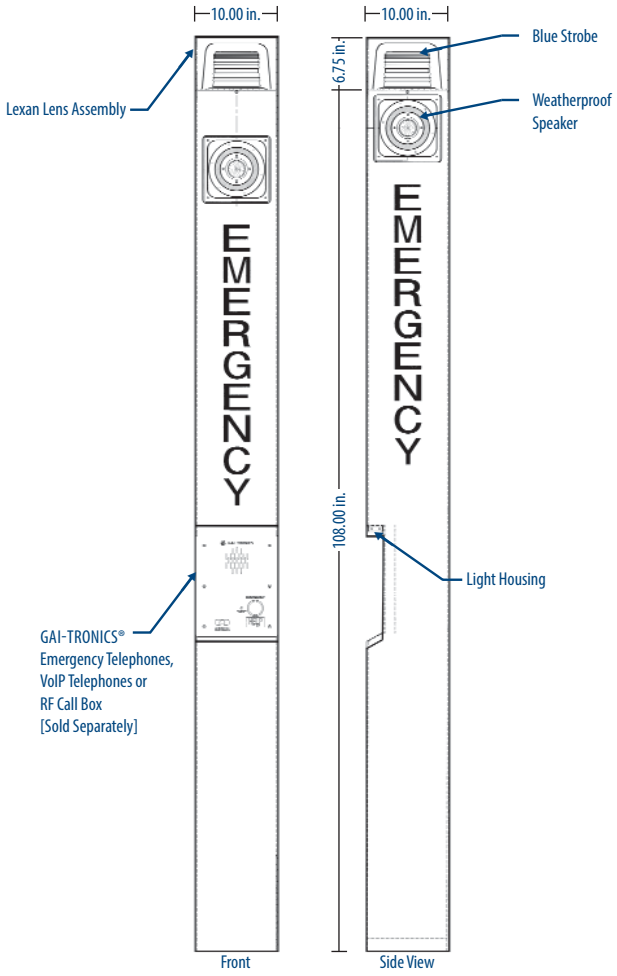
The Stanchion Broadcast Assembly part number builds systematically as it is entered into our system. The base model number always begins as a 6-digit number, **234SBA**. The remaining digits are based on the following codes:

Stanchion Body Type ..... **A** (assembly)
Number of Required Speakers ..... **1**, **2**, **3**, or **4**
Input Audio Signal Source ..... **T** (600 Ohm)
V (VHF, 154-147 MHz)
U (UHF, 450-470 MHz)

Example part number for a stanchion assembly with four (4) speakers and 600 Ohm audio input:



Note: GAI-TRONICS' telephones and strobes are sold separately.



Each Model 234SBA Stanchion Broadcast Assembly is shipped in kit form for field installation. Components included with each complete stanchion assembly are as listed below.

- (1) No. **84509-201** Stanchion Body
- (1) No. **10458-10X** Electronics Paging Module (-10**1** for 600 Ohm, -10**2** for VHF, -10**3** for UHF)
- (1 to 4) No. **12538-201** Speaker Kit
- No. **12539-201** Speaker Vacancy Kit (automatically included for each missing speaker kit)
- (1) No. **84508-001** Field Installation Mtg. Plate (installs behind the telephone location to allow customer installation of peripheral equipment)
- (1) No. **40201-010** Back-up Battery, 2.8 Ah
- (1) **12510-003** Access Panel, 18" H (included with stanchion body)
- (1) **84502-201** Clear Lens or No. 12234-100 Antenna/Lens Kit (RF applications only)
- No. **84503-201** Panel Light Assembly

Note: The No. 84509-201 stanchion body is drop-shipped from the Manufacturer. All other Components are shipped directly from GAI-TRONICS' factory.

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Pub. 090401 Rev 2/2019