

## Features

- **Installs on Top of a Model 234 Stanchion to Provide an Easy and Cost-effective Public Address Upgrade of Existing Equipment**
- **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**
- **18" H, 3/16-inch Steel with Architectural Bronze Powder Epoxy Finish**
- **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

The **234SBM Stanchion Broadcast Module** easily and cost-effectively converts a standard Model 234 Stanchion Assembly into a dual-purpose Communication and Broadcast unit, capable of providing 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 234SBM 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 installed neatly on a replacement 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 module. The broadcast functionality operates completely separate from the two-way device installed in the stanchion.

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.

### Specifications

Finish	Powder Coat Architectural Bronze
Dimensions	10"W x 10"D x 18"H
Materials	3/16-inch Steel
Shipping Weight (84507-201 Stanchion Body)	Approx. 42 lbs.
Power Requirements:	
- 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

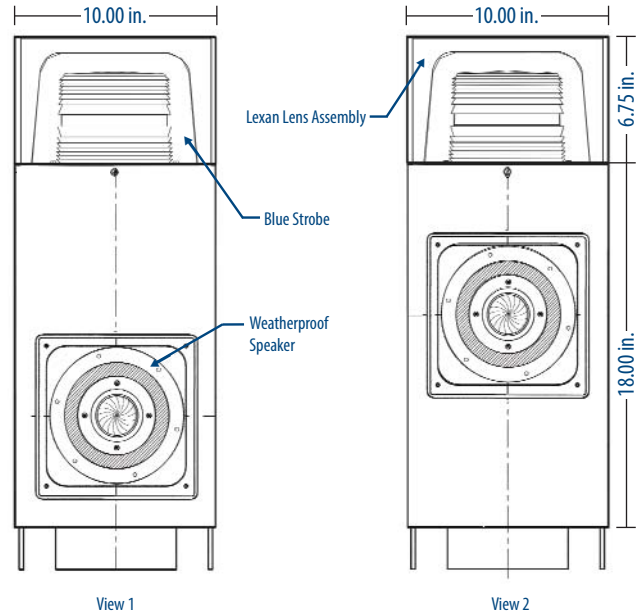
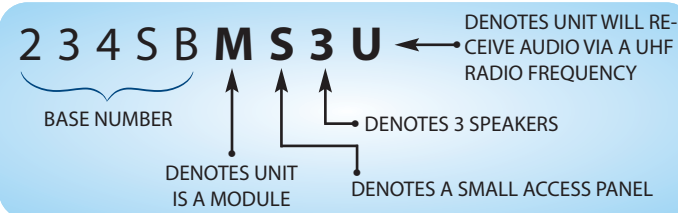
<b>ACC2500</b>	Audio Control Center
<b>10959-903</b>	Audio Messenger Interface
<b>XAC0004A</b>	Programming Cable
<b>XAC4000A</b>	Programming Bundle
<b>234SBA</b>	Stanchion Broadcast Assembly
<b>13353</b>	Addressable Amplified Speaker, 600 Ohm
<b>13363/13373</b>	Addressable Amplified Speaker, VHF/UHF

### 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, **234SBM**. The remaining digits are based on the following codes:

<b>Stanchion Body Type</b>	<b>M</b> (module)
<b>Access Panel Size</b>	<b>S</b> (10" H) <b>L</b> (18" H)
<b>Number of Required Speakers</b>	<b>1, 2, 3, or 4</b>
<b>Input Audio Signal Source</b>	<b>T</b> (600 Ohm) <b>V</b> (VHF, 154-147 MHz) <b>U</b> (UHF, 450-470 MHz)

Example part number for a stanchion module with three (3) speakers and an UHF audio source:



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

- (1) No. **84507-201** Stanchion Body
- (1) No. **10458-10X** Electronics Paging Module (-101 for 600 Ohm, -102 for VHF, -103 for UHF)
- (1 to 4) No. **12538-201** Speaker Kits
- No. **12538-201** Speaker Vacancy Kit (automatically included for each missing speaker kit)
- (1) No. **40201-010** Back-up Battery, 2.8 Ah
- (1) No. **12510-003** Access Panel, 18" H **or** No. **12510-002** Access Panel, 10" H (customer must specify)
- No. **12234-100** Antenna/Lens Kit (RF application only)

#### Notes:

- The No. **84507-201** stanchion body is drop-shipped from the Manufacturer. All other Components are shipped directly from GAI-Tronics' factory.
- The **234SBM** installation is intended to reuse the existing stanchion's strobe and clear lens.
- If an RF audio input is used, an existing model **530FB** strobe should be replaced with the **530-001** strobe to avoid possibility of RF interference.