

**Features****Insuite Silenceable Devices:**

- Allows manual 10 minute Silence for local mini-horn; or for switched 24 VDC or 25/70 VAC audio notification appliances
- After 10 minutes, automatic resound occurs for code compliance if the fire alarm panel has not been silenced
- Touching the two Silence contacts activates the Silence feature and an LED indicator activates to indicate local Silence is in process
- Models 4901-9838CA and 4901-9839CA operate as a Silence Switch for connected slave appliances
- Models 4901-9851C and 4901-9852C have a built-in mini-horn
- Units mount flush using a single gang electrical box
- Electrically polarized input with color coded #18 AWG wire leads for in/out wiring
- Compatible with 4905 Series Insuite Device Distribution Modules; refer to data sheet S4905-0009 for additional information



Insuite Silenceable Device  
(Silence Switch 4901-9839CA is shown with LED on)

**Description**

4901 Series Insuite Silenceable Devices are specifically designed to meet applications that require compliance with building codes which state that an audible signal device located within a dwelling unit shall incorporate a means that enables the device to be silenced for a period of not more than 10 minutes. Typical applications would include hotel rooms, dormitories, and apartments.

These silenceable devices mount flush to the wall in a single gang electrical box and are available in red or off-white. In/Out wiring and electrical polarization allows for system wiring supervision when connected to a listed compatible Fire Alarm notification appliance circuit.

**Switch models.** The 4901-9838CA and 4901-9839CA are used to silence audible DC or speaker appliances that are located in a suite. They operate as part of either a 24 VDC, or 25 or 70 VRMS Audio NAC. In 24 VDC and 25 VRMS Audio applications these units can be used with or without the 4905 Series Distribution Modules.

Silence Switches require separate 24 VDC power from the Fire Alarm Control Panel. This power must be interrupted during the use of the fire alarm paging microphone when the switch modules are used to silence 25 or 70 VRMS speakers.

**Description (Continued)**

**Mini-horn models.** Models 4901-9851C and 4901-9852C have a built-in piezoelectric mini-horn that allows a high level signal to be generated in a small package. These units operate as part of a 24 VDC NAC and can be used with or without the Simplex® 4905 Series Distribution Modules.

**Operation**

Audible appliances in the suite are silenced by touching the two Silence contacts on the faceplate of the silenceable device which also causes the LED indicator to activate. Within ten minutes after touching the contacts to silence the alarm, the notification appliances will re-sound (assuming the Fire Alarm panel has not been silenced).

**Additional Reference**

Refer to Installation Instructions 579-1009 for additional information.

\* Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Fire Protection Products.

## Product Selection Table

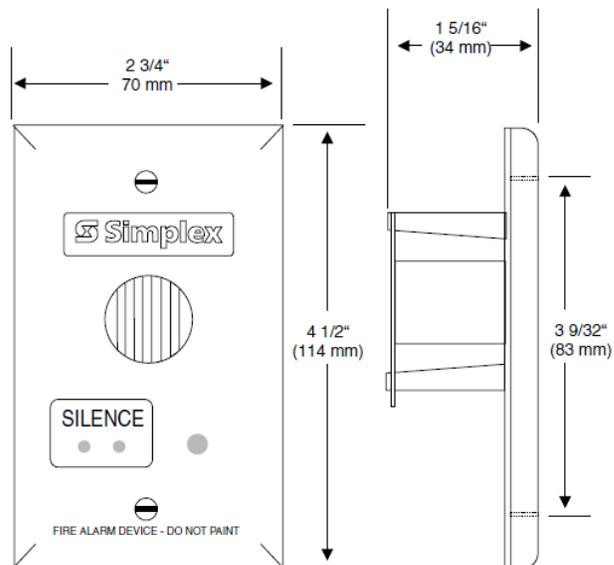
Model	Color	Description	Audio Operation 25/70 VAC	DC Operation 24 VDC	Operating Voltage (Nominal)	Alarm Signal Current (DC)	Alarm Silenced Current (DC)	Supervisory Signal Current (DC)	Sound Pressure Level On Axis @ 3m
4901-9838CA	Red	Silence Switch	Yes	Yes	24 VDC Regulated	22 mA	22 mA	0 mA	NA
4901-9839CA	Off-White								
4901-9851C	Red	Silenceable Mini-Horn Device	No	Yes	24 VDC Regulated	82 mA	4 mA	0 mA	87 dBA (Temporal), 79 dBA (Steady)
4901-9852C	Off-White								

## Product Dimensions and Electrical Box Requirements

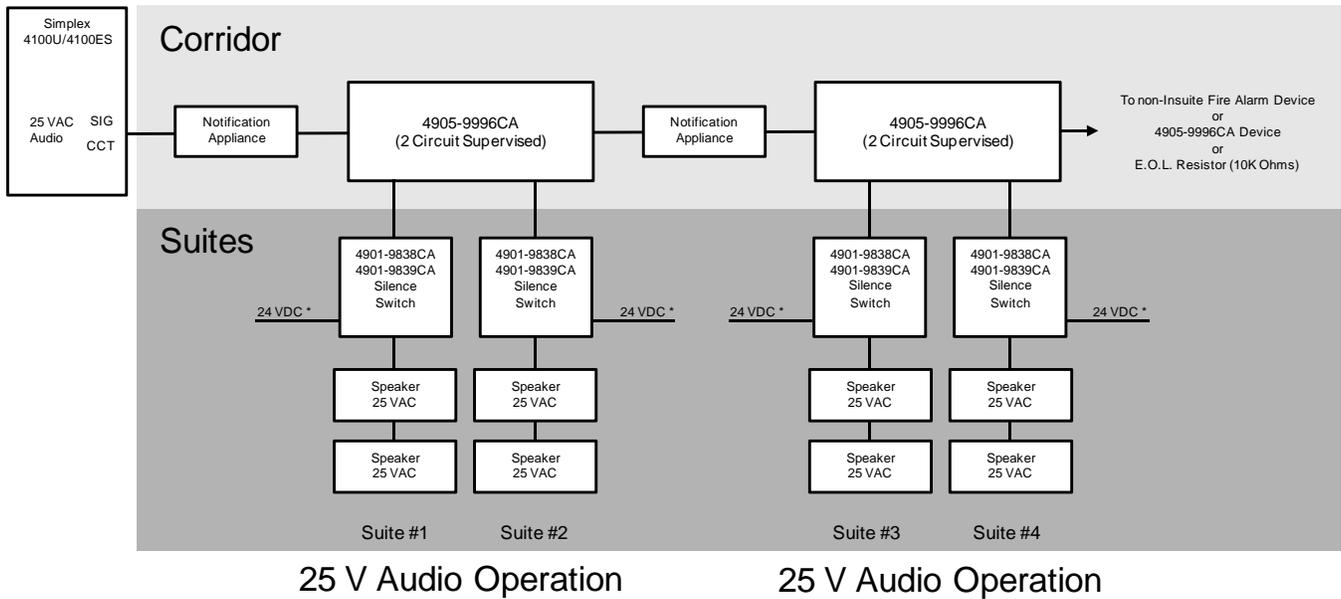
Electrical Box Requirements:

Single-Gang Box

2-1/2" minimum depth, 3" recommended



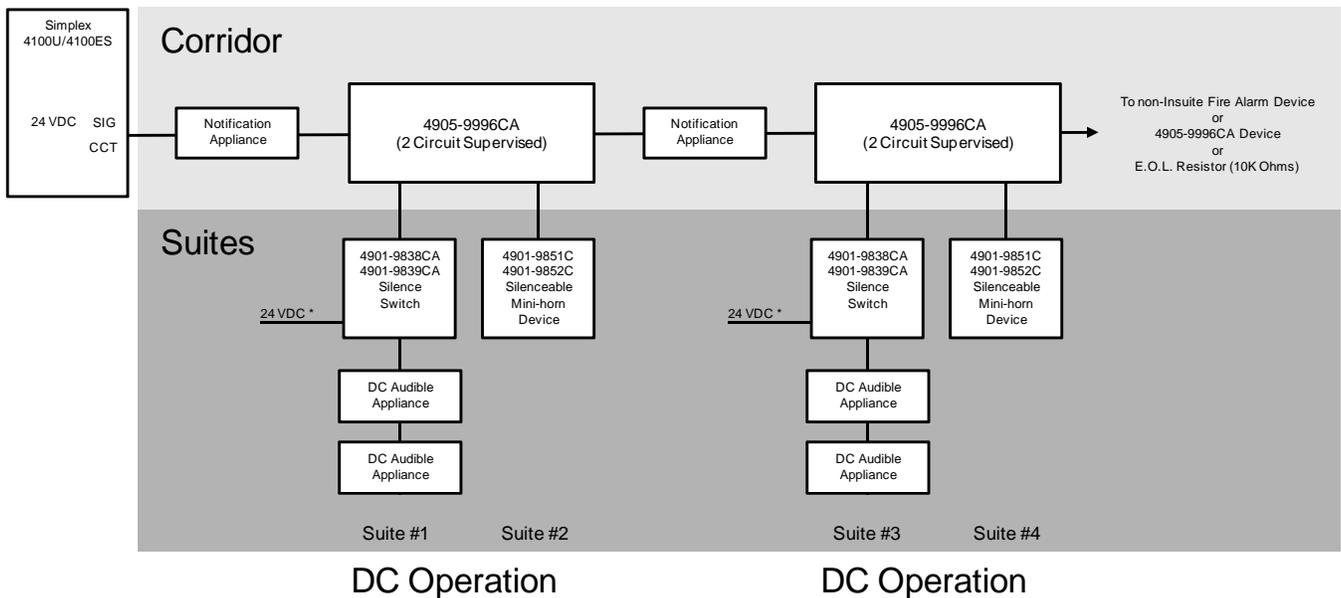
### 25V Audio Application Using Distribution and Insuite Silence Modules Class B Supervision



\* When the 4901-9838CA/4901-9839CA silence switch is used in conjunction with slave speakers, this 24 VDC power source provided by the Fire Alarm Control Panel must be interrupted during use of the fire alarm microphone.

This diagram provides an applications overview, not all wiring is shown. For detailed wiring connection information refer to Installation Instructions 579-1008 (Distribution Modules) and 579-1009 (Insuite Silenceable Devices). Note: The 4905-9996CA does not accept an input from a 70V Audio NAC.

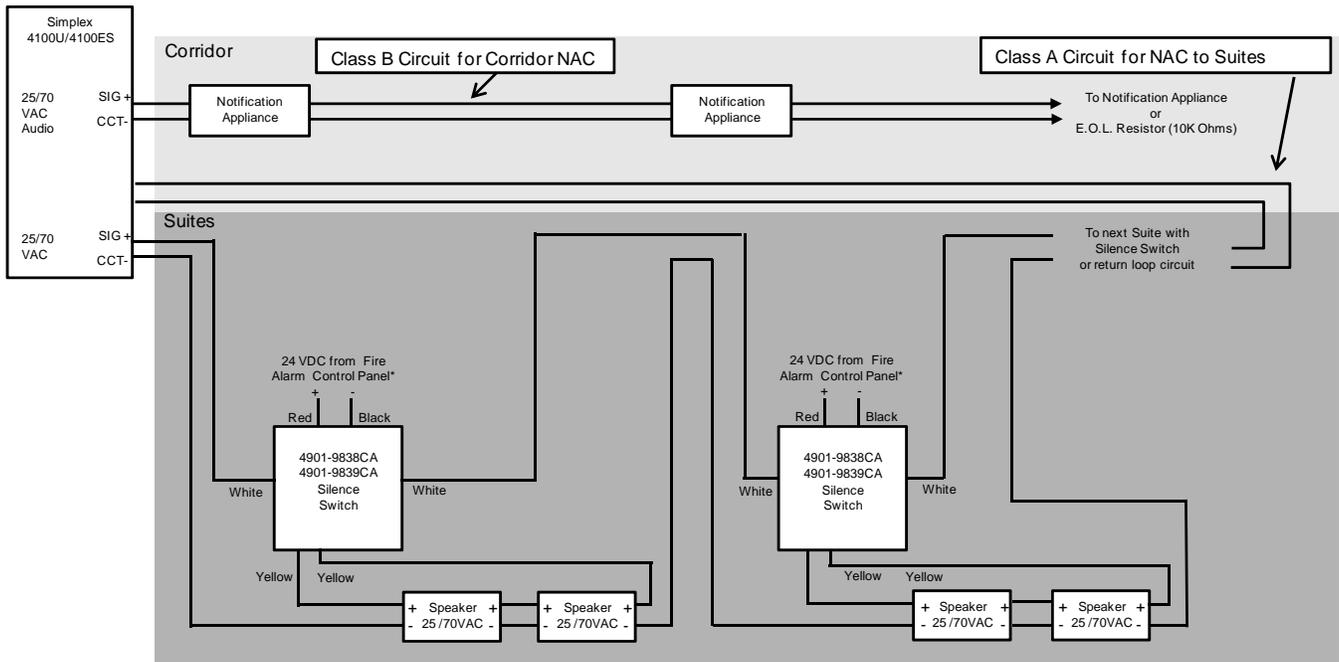
### DC Application Using Distribution and Insuite Silence Modules Class B Supervision



This diagram provides an applications overview, not all wiring is shown. For detailed wiring connection information refer to Installation Instructions 579-1008 (Distribution Modules) and 579-1009 (Insuite Silenceable Devices).

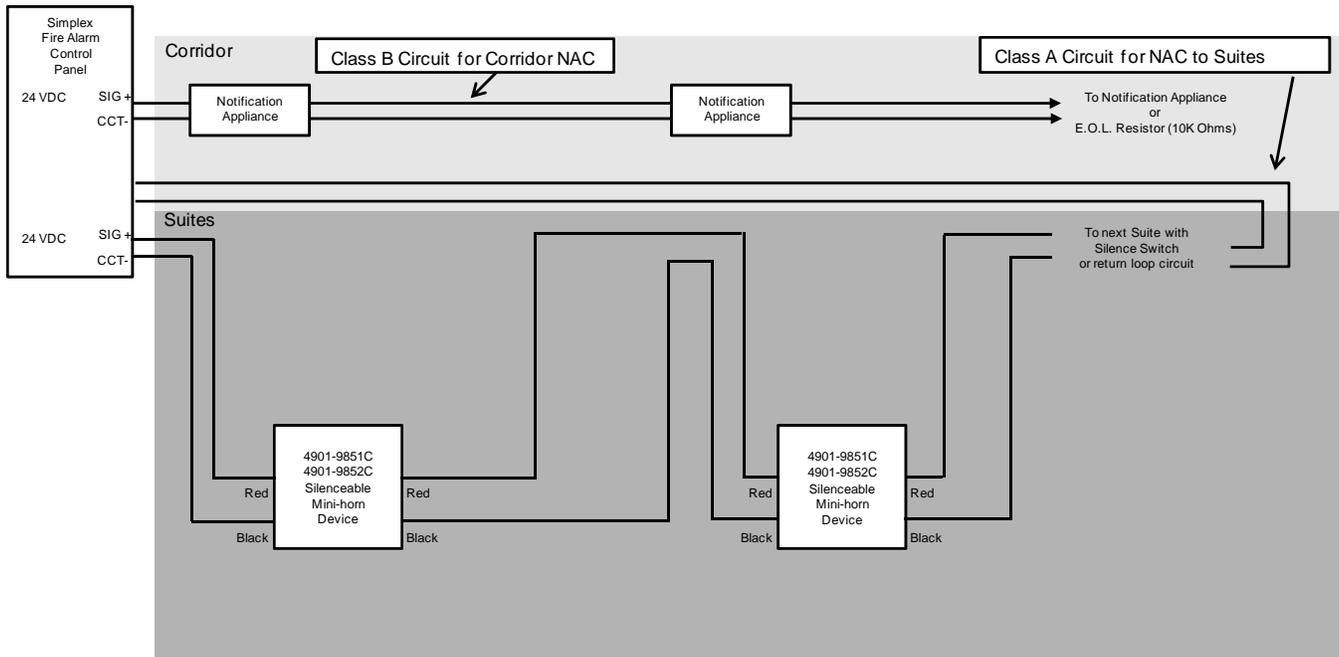
**Application Diagrams (Continued)**

**4901-9838CA/9839CA Silence Switch Modules  
Without Distribution Modules (No Short-Circuit Isolation)  
Wiring Diagram**



Note: When the 4901-9838CA/4901-9839CA silence switch is used in conjunction with slave speakers, this 24 VDC supply must be interrupted during use of the fire alarm microphone.

**4901-9851C/9852C Silenceable Mini-horn Device  
Without Distribution Modules (No Short-Circuit Isolation)  
Wiring Diagram**



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