

AS/AH AS Audible Strobe Appliances and AH Audibles

Features

- UL listed. ULC, CSFM, and FM pending.
- ADA/NFPA/UFC/ANSI Compliant
- Wall mount models are available with Field Selectable Candela Settings of 15/30/75/110cd or 135/185cd (Multi-Candela models)
- Ceiling mount models are available with field selectable candela settings of 15/30/75/95cd or 115/177cd (Multi-candela ceiling models)
- Selectable Continuous Horn or Temporal (Code 3).
- 3 Selectable dBA settings (99, 95 and 90 dBA) in both tones
- Weatherproof models are available for outdoor use
- Strobes can be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol.
- Fast installation with IN/OUT screw terminals using #12 to #18 AWG wires



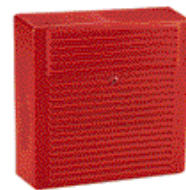
AS-MC-CW



AS-MC-R



AH-W



AH-R

Description

The Siemens 2-wire Series AS Audible Strobe Appliances and Series AH Audibles offer more features with low current draw.

Strobe options for wall mount models include the Siemens MC multi-candela wall strobes with field selectable candela settings of 15/30/75/110cd, or the high intensity HMC strobe with field selectable 135/185cd.

Ceiling mount models incorporate Siemens MC multi-candela ceiling strobe with field selectable settings of 15/30/75/95cd or the high intensity HMC strobe with field selectable settings of 115/177cd.

The audible provides a selectable choice of either a continuous horn or temporal pattern (Code 3) when constant voltage from a Fire Alarm Panel (FACP) is applied. Each tone has 3 dBA settings from which to choose.

When used with the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol, synchronization of the continuous horn tone provides the temporal (code 3) tone (mandated by NFPA 72) simultaneously for all audible appliances. This ensures a distinct temporal (code 3) pattern when 2 or more audibles are within hearing distance. If not synchronized the temporal sound could overlap and not be distinctive. At the same time the strobes will be synchronized. This provides the ability to comply with ADA guidelines concerning photosensitive epilepsy and the NFPA standards when installing 2

or more visual appliances within the field of view all of this plus the ability to silence the audible is achieved by using only 2 wires.

Engineering Specifications

The notification appliances shall be Siemens Series AS Audible Strobe appliances and Series AH Audible appliances or approved equals. The Series AS Audible be listed for UL Standard 1971 (Emergency Devices for the Hearing-Impaired) for Indoor Fire Protection Service. The Series AH Audible shall be UL Listed under Standard 464 (Fire Protective Signaling). Both shall meet the requirements of FCC Part 15 Class B. All inputs shall be compatible with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP).

The audible portion of the appliance shall have a minimum of three (3) field selectable settings for dBA levels and shall have a choice of continuous or temporal (Code 3) audible outputs.

The strobe portion of the appliance shall produce a flash rate of one (1) flash per second over the Regulated Voltage Range and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens. The Series AS shall be of low current design. Where Multi-Candela appliances are specified, the strobe intensity shall have

field selectable settings and shall be rated per UL Standard 1971 at 15/30/75/110 or 135/185 candela for wall mount and 15/30/75/95 or 115/177 candela for ceiling mount. The selector switch for selecting the candela shall be tamper resistant.

When synchronization is required, the appliance shall be synchronized using the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol. The strobes shall not drift out of synchronization at any time during operation. If the sync module or Power Supply fails to operate, (i.e., contacts remain closed), the strobe shall revert to a non-synchronized flash-rate. The appliance shall also be designed so that the audible signal may be silenced while maintaining strobe activation when used with Siemens synchronization.

The Series AS Audible Strobe and Series AH Audible shall incorporate a Patented Universal Mounting Plate

that shall allow mounting to a single-gang, double-gang, 4-inch square, 100mm European type backboxes, or the SHBBS Surface Backbox.

All notification appliances shall be listed for Special Applications.

- Strobes are designed to flash at 1 flash per second minimum over their "Regulated Input Voltage Range". Note that NFPA-72 specifies a flash rate of 1 to 2 flashes per second and ADA Guidelines specify a flash rate of 1 to 3 flashes per second.
- All candela ratings represent minimum effective Strobe intensity based on UL Standard 1971.

Technical Information

For complete technical information, please consult the relevant installation sheets as well as the Siemens Compatibility Guide.

Ordering Information / Mounting Requirements / Approvals

Model Number	Order Code	Wall Mount	Ceiling Mount	Mounting Options**	Agency Approvals			
					UL	ULC	CSFM	FM
AS-MC-R	500-636010	X	-	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-MC-W	500-636011	X	-	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-HMC-R	500-636012	X	-	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-HMC-W	500-636013	X	-	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-MC-CR	500-636006	-	X	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-MC-CW	500-636007	-	X	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-HMC-CR	500-636008	-	X	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-HMC-CW	500-636009	-	X	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AS-75-R-WP	500-636016	X	-	I	X	#	#	#
AS-75-CR-WP	500-636015	-	X	I	X	#	#	#
AH-R	500-636003	X	X	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AH-W	500-636004	X	X	A,B,D,E,F,G,J,N,R,X	X	#	#	#
AH-R-WP	500-636005	X	X	K	X	#	#	#

X = listed/approved # = pending * = Refer to Data Sheet #9675 for mounting options.

WARNING: PLEASE READ THESE SPECIFICATIONS AND INSTALLATION INSTRUCTIONS CAREFULLY BEFORE USING, SPECIFYING OR APPLYING THIS PRODUCT. FAILURE TO COMPLY WITH ANY OF THESE INSTRUCTIONS, CAUTIONS AND WARNINGS COULD RESULT IN IMPROPER APPLICATION, INSTALLATION AND/OR OPERATION OF THESE PRODUCTS IN AN EMERGENCY SITUATION, WHICH COULD RESULT IN PROPERTY DAMAGE, AND SERIOUS INJURY OR DEATH TO YOU AND/OR OTHERS.



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