

SE Speaker and Speaker Strobes

Features

- UL listed. ULC, CSFM, and FM pending.
- ADA/NFPA/ANSI compliant
- Complies with OSHA 29 Part 1910.165
- Wall mount speaker strobe models with field selectable candela settings of 15/30/75/110cd or 135/185cd
- Ceiling mount strobe models are available with field selectable candela settings of 15/30/75/95cd or 115/177cd
- Field selectable taps for 25 or 70 VRMS operation from 1/8 watt up to 2 watts
- High efficiency design for maximum output at minimum wattage across a frequency range of 400 to 4000 HZ
- 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
- Mount to 4" square x 2-1/8" deep backbox with no extension ring required
- Snap on grille cover with no visible mounting screws
- Fast installation with IN/OUT screw terminals using #12 to #18 AWG wires
- Optional Extender (SPEXT) is for mounting to 4" backboxes with no extension ring.

Description

The Siemens Series SE Speakers and Speaker Strobes feature high efficiency sound output, with dual voltage (25/70 VRMS) capability and field selectable taps from 1/8 to 2 watts. They are designed to provide a sleek, aesthetic appearance for emergency voice/alarm communications systems. All Series SE wall mount models mount to standard 4" x 2-1/8" electrical boxes (with no extension ring required) and incorporate a speaker mounting plate for faster installation. The grille cover snaps on so no mounting screws are visible. Attractive surface boxes are also available for surface installations. These SE Multi-Candela ceiling appliances are part of the new family of ceiling mount strobe appliances that will also be available on strobes, horns, and horn/strobes. Optional Extender (SPEXT) is for mounting to 4" backboxes with no extension ring.

The Series SE Wall Mount Speaker Strobe models use Siemens low current draw strobes for wall mounted applications. Strobe options include MC multi-candela strobes with field selectable candela settings of 15/30/75/110 cd or high intensity HMC strobes with field selectable settings of 135/185 candela.

The Series SE Ceiling Mount Speaker Strobe models are available in Siemens MC-C multi-candela ceiling strobe with field selectable intensities of 15/30/75/95cd or the high intensity HMC-C strobe with field selectable settings of 115/177cd.

Series SE Speakers and Speaker Strobes provide high



**SE-MC-W
Speaker Strobe**



**SE-R
Speaker**

audio output with clear audibility and are designed to meet the critical needs of the life safety industry for effective emergency voice communications, tone signaling and visible signaling to alert the hearing impaired.

The low profile ceiling design incorporates a speaker mounting plate for faster and easier installation. Each model has a built-in level adjustment feature and snap-on cover with no visible mounting screws.

The strobe portion of all Series SE Speaker Strobes may be synchronized when used in conjunction with the Siemens 5406B sync modules, MPC-6000 panel, MPC-7000 panel, or RSE-300 power supply with built-in sync protocol. Siemens synchronized strobes offer an easy way to comply with ADA recommendations concerning photosensitive epilepsy.

Series SE Speaker Strobes are UL Listed for indoor use under Standard 1971 (Signaling Devices for the Hearing-Impaired) and Standard 1480 (Speaker Appliances). All inputs employ IN/OUT wiring terminals for fast installation using #12 to #18 AWG wiring and are compatible with FACP line supervision.

Color options for the Series SE Speakers and Speaker Strobes are red or off-white.

Engineering Specifications

The speaker appliances shall be Siemens Series SE

Speakers and the speaker strobe appliances shall be Siemens Series SE Speaker Strobes or approved equals. The speakers shall be UL Listed under Standard 1480 for Fire Protective Service and speakers equipped with strobes shall be listed under UL Standard 1971 for Emergency Devices for the Hearing-Impaired. In addition, the strobes shall be certified to meet the requirements of FCC Part 15, Class B.

All speakers shall be designed for a field selectable input of either 25 or 70 VRMS, with selectable power taps from 1/8 watt to 2 watts. All wall mount models shall have listed sound output of up to 89 dBA at 10 feet and a listed frequency response of 400 to 4000 Hz. All ceiling mount models shall have listed sound output of up to 87 dB at 10 feet and a listed frequency response of 400 to 4000 Hz. The speaker shall incorporate a sealed back construction. All inputs shall employ terminals that accept #12 to #18 AWG wire sizes. Where Multi-Candela Speaker Strobes are specified, the strobe intensity shall have field selectable settings and shall be rated per UL Standard 1971 at 15/30/75/110cd or 135/185cd for wall mounting. Where Multi-Candela Speaker Strobes are specified, the strobe intensity shall have field selectable settings and shall be rated per UL Standard 1971 15/30/75/95cd or 115/177cd for ceiling mount. The selector switch for selecting the candela shall be tamper resistant.

When synchronization is required, the strobe portion of the appliance shall be compatible with 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 wall mount speaker and speaker strobe appliances shall be designed for indoor flush mounting to 4" x 2-1/8" electrical boxes without need for an extension ring or surface mounting. The ceiling mount speaker strobe appliances shall be designed for indoor flush mounting. The speaker and speaker strobe shall incorporate a speaker mounting plate with a snap-on grille cover. The finish of the Series SE speakers and speaker strobes shall be white or red. All notification appliances shall be listed for "Special Applications".

- Strobes are designed to flash at 1 flash per second. 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.

Mounting Requirements / US Ordering Information / Approvals

Model	Order Code	Wall Mount	Ceiling Mount	Mounting Options*	Agency Approvals			
					UL	ULC	CSFM	FM
SE-R	500-636029	X	-	E,O,P,Q,R,U,Y,AA	X	#	#	#
SE-W	500-636030	X	-	E,O,P,Q,R,U,Y,AA	X	#	#	#
SE-MC-R	500-636025	X	-	E,Q,U,BB	X	#	#	#
SE-MC-W	500-636026	X	-	E,Q,U,BB	X	#	#	#
SE-HMC-R	500-636027	X	-	E,Q,U,BB	X	#	#	#
SE-HMC-W	500-636028	X	-	E,Q,U,BB	X	#	#	#
SE-CR	500-636035	-	X	Q,U	X	#	#	#
SE-CW	500-636036	-	X	Q,U	X	#	#	#
SE-MC-CR	500-636031	-	X	Q,U,V	X	#	#	#
SE-MC-CW	500-636032	-	X	Q,U,V	X	#	#	#
SE-HMC-CW	500-636034	-	X	Q,U,V	X	#	#	#
SE-HMC-CR	500-636033	-	X	Q,U,V	X	#	#	#
SPEXT-R**	500-636116				X	#	#	#
SPEXT-W**	500-636117				X	#	#	#

X = listed/approved
 # = pending
 * = Refer to Data Sheet #9675 for mounting options.
 **SPEXT is an extender ring that mounts behind the speaker to permit mounting to a 4" square x 2 1/8" deep electrical box without need for an extension ring on the box.

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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