



POTTER SC/SSC25/70-3075110 Select-A-Strobe Speaker Combination Owner's Manual

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POTTER SC/SSC25/70-3075110 Select-A-Strobe Speaker Combination



INSTALLATION

- ADA/NFPA/ANSI compliant
- Screw terminal capacity up to AWG #12
- RBX-1 back box skirt for surface mount (optional)
- Available in red or white housing
- All models mount to 4" back box
- Speaker is UL 1480 listed for fire protective service
- Speaker field selectable wattage from ¼, ½, 1, and 2 Watts
- Speaker is available in 25V RMS or 70.7V RMS models
- Speaker frequency range 400 to 4000 Hz
- Strobe is UL listed for ceiling and wall mount
- Strobe has three field selectable settings: 30, 75, or 110cd
- Polarized strobe is operable with 24V regulated DC or FWR (16-33V)
- Synchronization requires SMD10-3A Sync Module

Amseco's ceiling and wall mount fire alarm Select-A-Strobe/Speaker Series are designed to generate attention grabbing tones and voice commands for emergency signaling evacuation applications. These highly efficient, low profile speakers are available with field selectable taps ¼, ½, 1, and 2 Watts. The speakers are available in two input voltage models, 25V RMS and 70.7V RMS and can be installed on a standard 4" square back box. The strobe features a unique candela intensity field selector switch for alternating the candela output to 30cd, 75cd, or 110cd, and is polarized for connecting to supervise fire alarm circuits. The strobe housing is clearly labeled with "FIRE" lettering and is designed with a xenon flash tube and provides a candela intensity field selector switch for maximum performance.

The series can be synchronized by using the SMD10-3A (daisy chain) Sync Module to comply with NFPA recommendations concerning photosensitive epilepsy when installing two or more visual appliances within the field of view. The strobe signals are designed for non-sleeping areas and are listed for indoor use.

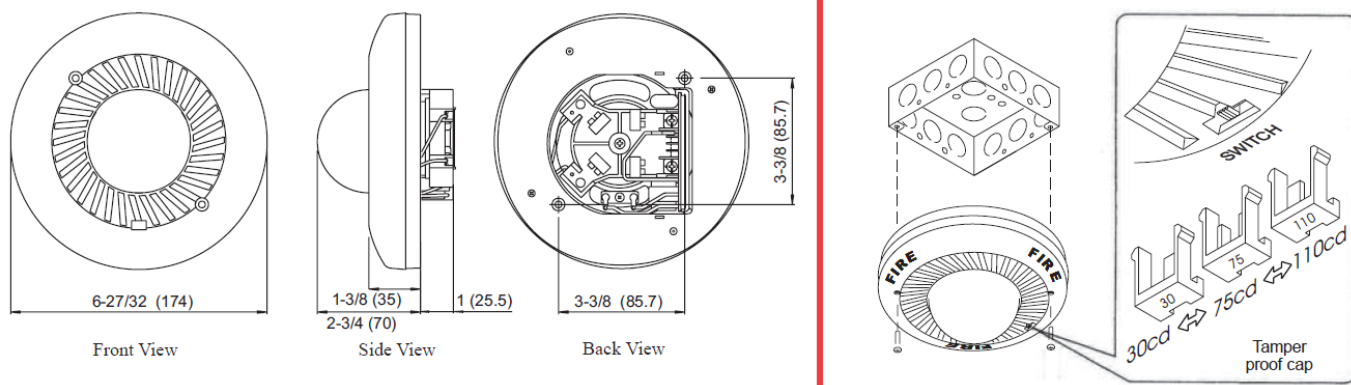
Ordering Information

Model Number	Stock Number	Housing Color	Speaker Voltage	Input Voltage	Operating Voltage Range	Selectable Strobe Output (cd)	Flash Rate	Mounting Type	Operating Temperature Range
SC-25R	4660001	Red	25V RMS	N/A	N/A	N/A	N/A	Ceiling and Wall	32°F – 120°F (0°C – 49°C)
SC-25W	4660002	White							
SC-70R	4660003	Red	70.7V RMS						
SC-70W	4660004	White							
SSC25-307510R	4660007	Red	25V RMS	Regulated 24V DC/WR	16-33V DC 16-33V FWR	30,75,110	60 times/ min.		
SSC25-307510W	4660008	White							
SSC70-307510R	4660011	Red	70.7V RMS						
SSC70-307510W	4660012	White							

Engineering Specifications

The speaker and visual alarm indicating appliance shall be Amseco Model SSC25-3075110 or SSC70-3075110 or equivalent device. The speaker shall be listed under UL 1480 standards for audible and voice communications and shall be approved for fire protective service. The fire alarm speaker shall be capable of reproducing alarm tones or voice commands on 25V RMS or 70.7V RMS. Speakers shall provide incremental tap settings of 1/4, 1/2, 1, or 2 Watts. They shall have a frequency range of 400 to 4000 Hz and produce UL sound pressure level at 10 feet up to 84dBA. The speaker shall be approved for fire alarm signaling use. The strobe shall be listed under UL 1971 standard for signaling devices for the hearing impaired and shall be approved for fire protection service. The candela output shall be field selectable, having three settings of 30cd, 75cd, or 110cd. The signaling strobe shall operate on 24V DC from a non-coded, regulated DC supply or full-wave rectified, unfiltered supply. The strobe shall be designed to produce one signal flash per second with continuously applied minimum voltage. The strobe may have a SPC-1 universal back mounting plate, capable of ceiling or wall mounting to a back box. When strobe synchronization is required, the strobe shall be compatible with the Amseco SMD10-3A (daisy chain) or other source of Amseco sync protocol. Signaling devices shall be installed in accordance with current NFPA guidelines.

Dimensions: inches (mm)

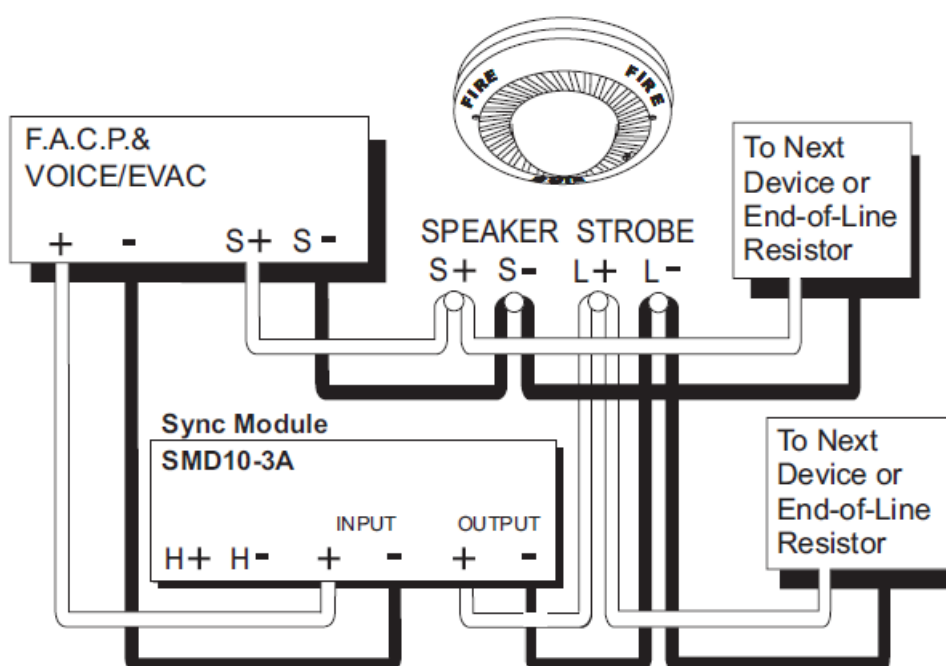


Speaker Specifications								
Voltage	25V RMS				70.7V RMS			
Input Power (Watts)	1/4	1/2	1	2	1/4	1/2	1	2
Impedance (k Ohms)	2.5	1.25	0.62	0.31	20	10	5	2.5
Sound Pressure (dB/10ft)	75	78	81	84	75	78	81	84
Frequency Response	400 – 4000 Hz							
Low Frequency Cut-Off	200 Hz							

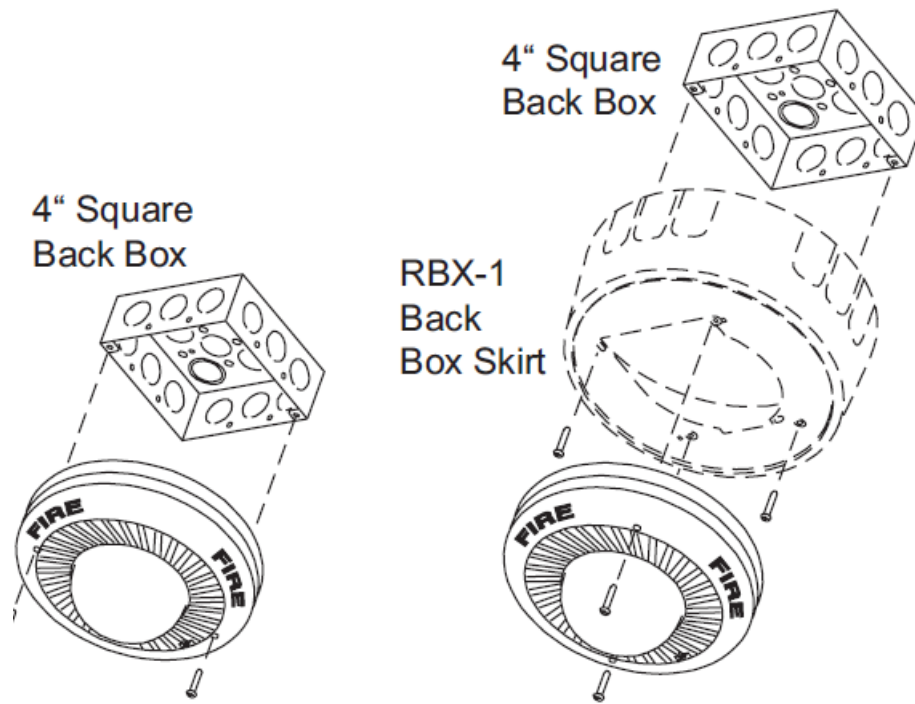
Strobe Light	Maximum RMS Operating Current (mA)	
	Regulated 24V DC (Typical)	Regulated 24V FWR (Typical)
30cd	116 (85)	162 (130)
75cd	172 (124)	236 (185)
110cd	234 (160)	294 (230)

UL Required Minimum Light Output		Ceiling Mount		
		30cd	75cd	110cd
DEGREE S	0	30.00	75.00	110.00
	5-25	27.00	67.50	99.00
	30-45	22.50	56.25	82.50
	50	16.50	41.25	60.50
	55	13.50	33.75	49.50
	60	12.00	30.00	44.00
	65-70	10.50	26.25	38.50
	75-80	9.00	22.50	33.00
	85-90	7.50	18.75	27.50
	Compound 45	7.20	18.00	26.40

Wiring Diagram

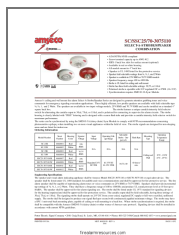


Mounting



firealarmresources.com

Documents / Resources



[POTTER SC/SSC25/70-3075110 Select-A-Strobe Speaker Combination](#) [pdf] Owner's Manual
SC SSC25 70-3075110 Select-A-Strobe Speaker Combination, SC SSC25 70-3075110, Select-A-Strobe Speaker Combination, Strobe Speaker Combination, Speaker Combination

References

- [Fire Alarm Resources | Download fire alarm documents](#)
- [Potter Electric: Fire Alarms & Fire Sprinkler Systems](#)