



- 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
- Speaker has integral blocking capacitor for line supervision
- Strobe is UL listed for ceiling and wall mount
- Fixed 177cd output
- Strobe is operable with 24V regulated DC or FWR (16-33V)
- Polarized strobes with wide operating voltage range using filtered DC or unfiltered FWR input voltage
- Minimum one flash per second (1Hz)
- Selectable light output candela: low, medium, or high
- Synchronization requires SMD10-3A Sync Module

Amseco's ceiling and wall mount fire alarm Speaker/Strobe 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 candela output of 177cd, 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.

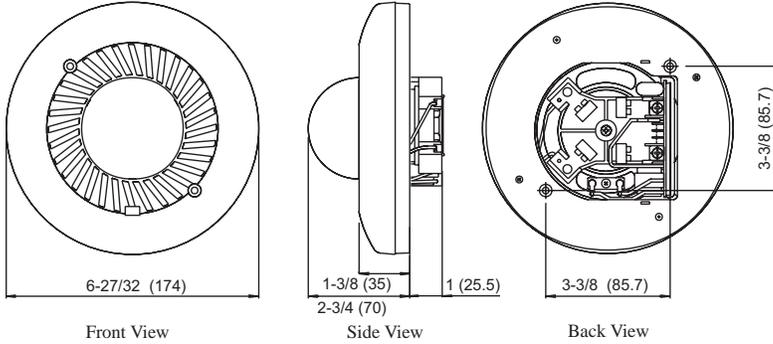
Ordering Information

Model Number	Stock Number	Housing Color	Speaker Voltage	Input Voltage	Operating Voltage Range	Fixed Strobe Output	Flash Rate	Mounting Type	Operating Temperature Range
SSC25-177R	4660005	Red	25V RMS	Regulated 24V DC/WR	16-33V DC 16-33V FWR	177cd	60 times/ min.	Ceiling and Wall	32°F - 120°F (0°C - 49°C)
SSC25-177W	4660006	White							
SSC70-177R	4660009	Red	70.7V RMS						
SSC70-177W	4660010	White							

Engineering Specifications

The speaker and visual alarm indicating appliance shall be Amseco Model SSC25-177 or SSC70-177 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 ¼, ½, 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 sleeping areas in accordance with current NFPA guidelines.

Dimensions: inches (mm)

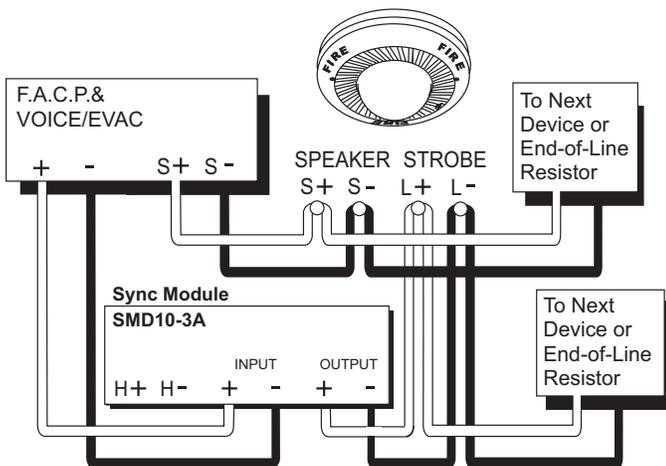


Speaker Specifications								
Voltage	25V RMS				70.7V RMS			
Input Power (Watts)	¼	½	1	2	¼	½	1	2
Impedance (k Ohms)	2.5	1.25	0.62	0.31	20	10	5	2.5
Sound Pressure (dB/10ft)	75	78	81	84	75	78	81	84
Frequency Response	400 - 4000 Hz							
Low Frequency Cut-Off	200 Hz							

Strobe Light	Maximum RMS Operating Current (mA)	
	Regulated 24V DC (Typical)	Regulated 24V FWR (Typical)
177cd	347 (240)	437 (345)

DEGREES	UL Required Minimum Light Output	Ceiling Mount
	0	177.00
	5-25	159.30
	30-45	132.75
	50	97.35
	55	79.65
	60	70.80
	65-70	61.95
	75-80	53.10
	85-90	44.25
	Compound 45	42.48

Wiring Diagram



Mounting

