



SCM24W-75110 SELECT-A-STROBE/CHIME COMBINATION



- Meets or exceeds NFPA/ANSI Standards and ADA Accessibility Guidelines
- UL Listed for wall mounting
- Screw terminal capacity up to AWG #12
- Universal mounting plate included
- Selectable settings: 75cd or 110cd
- Polarized strobes with wide operating voltage range using filtered DC or unfiltered FWR input voltage
- Horn field selectable tones:
 - 2700 Hz or 2400 Hz
 - Temporal or Non-temporal
 - High or Low dBA Output
- Mounts to 4" square, single gang, double gang, or octagonal back box
- Tamper-proof candela selector switch
- Synchronization requires Sync Module (SMD10-3A)
- Available in red or white housing

Amseco's Select-A-Strobe/Chime Series is designed to provide audible (private mode) for fire alarm protection systems. It complies with ADA and meets or exceeds NFPA/ANSI audible emergency evacuation signal and UL 464 (private mode) 1971. The SCM24W Series features a unique candela intensity field selector switch for alternating the candela output 75cd to 110cd. The chime provides two different field selectable tones and a high/low output setting that can be achieved with the use of mini-jumpers located on the back of the unit. These appliances are polarized for connecting to supervised fire alarm circuits. The strobe is designed with a xenon flash tube and provides a candela intensity field selector switch for maximum performance.

The SCM24W-75110 can be synchronized by using the SMD10-3A 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 listed for indoor use, wall mount, under UL1971 standard.

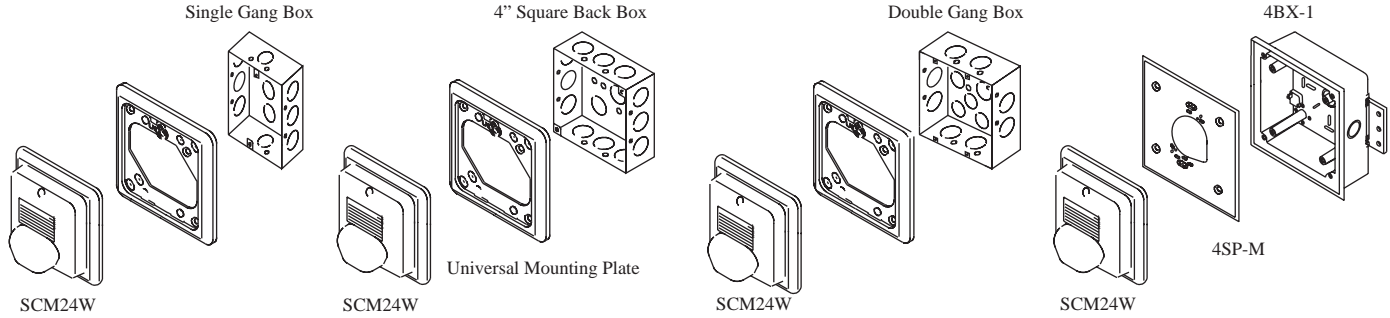
Ordering Information

Model Number	Stock Number	Housing Color	Input Voltage	Operating Voltage Range	Selectable Strobe Output (cd)	Horn Sound Output	Wiring Type	Mounting Type	Operating Temperature Range
SCM24W-75110R	4580011	Red	Regulated 24V DC/ FWR	16-33 VDC 16-33 VFWR	75 or 110	Selectable	Terminals	Wall	32°F - 120°F (0°C - 49°C)
SCM24W-75110W	4580012	White							

Engineering Specifications

The audible and visual alarm indicating appliances shall be Amseco model SCM24W-75110 or equivalent device. The chime shall be listed under UL 1971 Standard for signaling devices for the hearing impaired and shall be approved for fire protective service. The candela output shall be field selectable, having a dual setting of 75cd or 110cd output. The chime shall provide two different field selectable temporal or steady tones, and a high/low field selectable output setting. The signaling strobe shall operate on a 24V DC non-coded regulated DC supply or full-wave rectified, unfiltered supply. The chime may operate on a 24V DC coded system. The strobe shall be designed to produce one signal flash per second with continuously applied minimum voltage. The strobe/chime shall have a universal back mounting plate, capable of wall mounting to a back box. When strobe synchronization is required, the strobe/chime shall be compatible with Amseco SMD10-3A (daisy chain) or other source of Amseco sync protocol. Audible and visual signaling devices shall be installed in accordance with current NFPA guidelines.

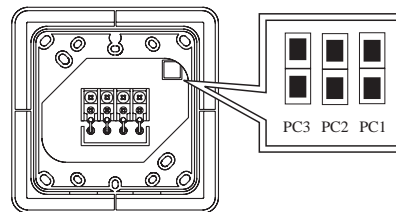
Mounting



Sound Output Dispersion	Horizontal (dB)	Vertical (dB)
DEGREES	+90	-6
	+60	-2
	+30	-1
	0	0
	-30	-1
	-60	-2
	-90	-6

Tone Selection	PC3 Pattern	PC2 Tone	PC1 Volume
Jumper	Non-Temporal	2700 Hz	High
Jumper	Temporal	2400 Hz	Low

Strobe Light Only	Max. RMS operating Current (mA)	
	Regulated 24V DC	Regulated 24V FWR
75cd	137	190
110cd	189	256



Back of SCM24W

⚠ WARNING

Strobes must be used only on circuits with continuously operating voltage. DO NOT use strobe on coded or interrupted circuits in which the applied voltage is interrupted ON and OFF as the strobe may fail to flash. The applied voltage must be within its rated input voltage range. Fuse ratings on signaling circuits must handle peak currents from all devices connected to those circuits.