EF-SPL Series
Speaker, Speaker/Strobes

STANDARD FEATURES:

Mounts to standard 4" back box with no extension ring.
Models for 70Vrms signal lines.
Taps @ 1/4, 1/2, 1, 2 watts.
Tap setting selected by movable tap clip.
Wide frequency response, 400 - 4000Hz.
Supervisory capacitor.
Screw terminals for field wiring connections.
Wire strain reliefs provided for in/out wiring.
Round or square vinyl clad metal plate grill, red or white.
Vandal-resistant re-entrant housing, red or white.

OPTIONAL FEATURES

- o V1971 sync/non-sync strobe lights available in 15/75,
- o 30/75, 75, and 110 candela models. ADA compliant.
- o Trim plates and flush box for Re-entrant model.
- o Auxiliary terminal.
- o Surface mount box available for square plate models.

Fireguard SPL Series Speakers Speaker/Strobe

DESCRIPTION

The Model SPL Low Profile Series speakers are designed to reproduce electronically generated warning tones and full range voice communication. The speakers are designed for 70 volt UL Listed audio systems. Unlike conventional fire alarm speakers, Model SPL Low Profile speakers can be mounted in a standard depth, 4" square back box with no extension ring.
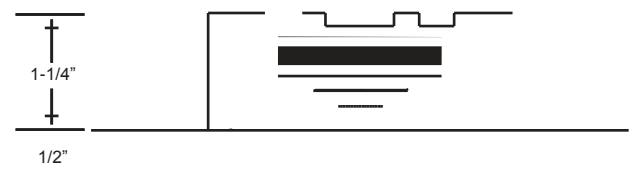
Wattage can be adjusted to 1/4, 1/2, 1, and 2 watts by simply moving a clip to the desired tap setting. The SPL speaker is designed for connection to system supervised alarm notification circuits. An optional auxiliary terminal is available. CPG Model V1971synchronized strobe lights are available as an option when visual signaling is required.

Strobes can be synchronized using Model VSYNC sync module

APPLICATION

The SPL series Low Profile Series speakers produce ab broad frequency range which provides both the low and hi-fidelity response required for effective tone and voice alarm notification. Available mounting options include 7- 3/16" diameter round or 5-3/4" square vinyl clad metal plate grills and also a patented, folded 4-1/2" square re-entrant housing which are available in red or white. Re-entrant models may be flush mounted using CPG FBL backbox or surface mounted on a standard four inch backbox. Plated models require a standard four inch backbox for mounting. For complete mounting information see instructions.

1-1/4"

1/2"

Unique low-profile backplane allows Model SPL Speaker to mount to standard 4" square backbox with no extension ring.

HOW TO ORDER:

LOW PROFILE SPEAKERS

EF-SPLF-70RHR 70V, Re-entrant Housing, Red

EF-SPLF-70RHW 70V, Re-entrant Housing, White

EF-SPLF-70PRW 70V, Plate Round, White

EF-SPLF-70PRR 70V, Plate Round, Red

EF-SPLF-70PSR 70V, Plate Square, Red

EF-SPLF-70PSW 70V, Plate Square, White

LOW PROFILE SPEAKER/STROBES
UL 1971 Listed Strobes - 15/75 Candela, 1Hz (D)

EF-SPLFD70RHR 70V, Re-entrant housing, 15/75Cd Sync, 1Hz, Red

EF-SPLFD70RHW 70V, Re-entrant housing, 15/75Cd Sync, 1Hz, White

EF-SPLFD70PRW 70V, Plate Round, 15/75Cd Sync, 1Hz, White

EF-SPLFD70PRR 70V, Plate Round, 15/75Cd Sync, 1Hz, Red

EF-SPLFD70PSR 70V, Plate Square, 15/75Cd Sync, 1Hz, Red

EF-SPLFD70PSW 70V, Plate Square, 15/75Cd Sync, 1Hz, White

UL 1971 Listed Strobes - 30/75 Candela, 1Hz (J)

EF-SPLFJ70RHR 70V, Re-entrant housing, 30/75Cd Sync, 1Hz, Red

EF-SPLFJ70RHW 70V, Re-entrant housing, 30/75Cd Sync, 1Hz, White

EF-SPLFJ70PRW 70V, Plate Round, 30/75Cd Sync, 1Hz, White

EF-SPLFJ70PRR 70V, Plate Round, 30/75Cd Sync, 1Hz, Red

EF-SPLFJ70PSR 70V, Plate Square, 30/75Cd Sync, 1Hz, Red

EF-SPLFJ70PSW 70V, Plate Square, 30/75Cd Sync, 1Hz, White

LOW PROFILE SPEAKER/STROBES
UL 1971 Listed Strobes - 75 Candela, 1Hz (M)

EF-SPLFM70RHR 70V, Re-entrant housing, 75Cd Sync, 1Hz, Red

EF-SPLFM70RHW 70V, Re-entrant housing, 75Cd Sync, 1Hz, White

EF-SPLFM70PRW 70V, Plate Round, 75Cd Sync, 1Hz, White

EF-SPLFM70PRR 70V, Plate Round, 75Cd Sync, 1Hz, Red

EF-SPLFM70PSR 70V, Plate Square, 75Cd Sync, 1Hz, Red

EF-SPLFM70PSW 70V, Plate Square, 75Cd Sync, 1Hz, White

UL 1971 Listed Strobes - 110 Candela, 1Hz (W)

EF-SPLFW70RHR 70V, Re-entrant housing, 110Cd Sync, 1Hz, Red

EF-SPLFW70RHW 70V, Re-entrant housing, 110Cd Sync, 1Hz, White

EF-SPLFW70PRW 70V, Plate Round, 110Cd Sync, 1Hz, White

EF-SPLFW70PRR 70V, Plate Round, 110Cd Sync, 1Hz, Red

EF-SPLFW70PSR 70V, Plate Square, 110Cd Sync, 1Hz, Red

EF-SPLFW70PSW 70V, Plate Square, 110Cd Sync, 1Hz, White

Mounting Accessories

EF-NBR   Standard 4" square 1-1/2" D back box - Red
EF-NBLR   Deep 4" square 2-1/4"D back box - Red
EF-SSBR   Surface Mount Box for Square Plate Speaker - Red
EF-FBL   Wall Box for Flush Mounting Re-Entrant Speaker 3-5/8" Deep
EF-FGR   Flush Mount Grill, cross hatch, for re-entrant Speaker
EF-TPSF   Trimplate, Semi-Flush for for mounting re-entrant speakers

Strobe Sync Module

VSYNC-M   Master Sync Module - 2 Class "B" Ckt, 1 Class "A" 3A

Model SPL Low Profile Speaker Specifications											
Speaker Type	UL dB(A) Sound Pressure Level				dB(A) Sound Power (actual)				Strobe Specifications		
Wattage Tap	1/4 W	1/2 W	1 W	2 W	1/4 W	1/2 W	1 W	2 W	Input Voltage	Current @ 24VDC	UL Rated Candela [1]	Flash Rate
Plate (No Strobe)	78	80	83	86	92.6	95.6	98.6	101.6	n/a	n/a	n/a	n/a
Plate/Strobe, "D" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.072A	15/75	1Hz
Plate/Strobe, "J" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.090A	30/75	1Hz
Plate/Strobe, "M" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.160A	75	1Hz
Plate/Strobe, "W" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.193A	110	1Hz
Re-entrant (No Strobe)	78	80	83	86	92.6	95.6	98.6	101.6	n/a	n/a	n/a	n/a
Re-entrant/Strobe, "D" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.072A	15/75	1Hz
Re-entrant/Strobe, "J" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.090A	30/75	1Hz
Re-entrant/Strobe, "M" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.160A	75	1Hz
Re-entrant/Strobe, "W" type	78	80	83	86	92.6	95.6	98.6	101.6	16-33VDC	0.193A	110	1Hz

SPECIFICATIONS

Alarm notification appliances shall be speakers capable of reproducing alarm tones or voice on all 70Vrms audio systems. Speakers shall provide incremental tap settings of 1/4, 1/2, 1, and 2 watts. Tap settings shall be adjustable by the use of a movable tap clip. The speaker shall be capable of being mounted to a standard 4 inch square back box with no extension ring. Wire strain reliefs shall be provided for in/out wiring. The speaker shall produce a UL Sound Pressure Level at 10 feet up to 86dB(A) at a 2 watt tap. The speaker shall be UL Listed for fire alarm signaling use. Alarm notification appliances shall be Fireguard PowerTone Model SPL

Low Profile Speakers.
(OPTIONAL) When visual signaling is required, speaker shall allow for a surface mounted strobe. The strobe light shall operate at24VDCusing filtered or FWRDC power and shall comply with the UL 1971 Standard for Signaling Devices for the Hearing Impaired and ADA. The strobe lights shall be UL Rated for a light intensity output of 15/75, 30/75, 75, or 110 candela with a 1Hz flash rate. The strobe lights shall be synchronized when used with VSYNC synchronization module. Visual signal strobe shall allow for FIRE marking in the vertical position for wall orientation.
Speakers and optional strobes shall be UL Listed for fire alarm signaling use. Speaker/strobes shall be /loFireguard Model SPL Low Profile Series with Model V1971 strobe lights