

DESCRIPTION

HORNS

In the System Sensor SpectrAlert™ Series electronic horns, state-of-the-art electronics, combined with the durability of a rugged plastic housing, eliminate the effects of inrush and RFI contact noise.

These horns are also available with strobes to meet the requirements of UL Standard 1971 and the Americans with Disabilities Act (ADA).

Field-selectable (reversible) features available are:

Continuous or Audible Emergency Evacuation Signal per ANSI S3.41 (Temporal Pattern).

High or low dBA sound output, 85 or 79 dBA.

Ceiling mount horns offer 75 to 82 dBA with temporal output, and 82 to 85 dBA with non-temporal output.

High or low tone operation, electromechanical or 3,000 Hz interrupted.

The horns are indoor Listed and mount on a standard 1-gang or 4" back box, flush mount, or surface mount with Model BBS skirt. Ceiling mount units may be surface mounted with a Model BBSC skirt. "K" Model horns and horn/strobes are Listed as rainproof per UL 50 (NEMA 3R).

STROBES

The strobes operate on 24 VDC, contain xenon flash tubes, and are available in a "stand-alone" configuration, or integral with the horn.

The SpectrAlert™ strobes have a nominal flash rate of 1.0 flash per second and are intended for non-sleeping areas/ADA applications (15, 15/75, 30, or 75 cd) and 110 cd for sleeping areas. Ceiling mount strobes also offer 95, 115 or 177 cd output.

Strobes are indoor Listed, while "K" Models are Listed as weatherproof per UL 1638.

The strobes may be used in conjunction with the MDL synchronization module which can synchronize two Style Y (Class B) or one Style Z (Class A) circuit. It can also generate an ANSI S3.41 temporal pattern. The module allows the horns on combination horn/strobe units to be silenced on Class B circuits. The MDL module mounts flush in a 4 1/16-inch square electrical box.

The horns, strobes and accessories are available in either red or white finish. Ceiling mounted units are available either in white with red FIRE letters or red with white letters.

SIGNAL COVERAGE

Most codes require that the notification appliances be "intelligible and audible in all occupied areas." Thus, additional appliances may be necessary to compensate for sound absorbing construction. Verify recommended minimum requirements with applicable enforcement agencies.



Horn/Strobe



Horn



Ceiling Strobe



Ceiling Horn/Strobe

FEATURES

Strobes Listed per UL Standards 50, 1638, 1971

High Intensity Strobe Option meets or exceeds ADA Requirements

Field Selectable ANSI S3.41 Temporal Pattern Evacuation Signal

Field Selectable High/Low Sound Output

Rainproof Models

Weatherproof Strobe Models

Optional Synchronization Module

Standard 4-inch Square Mounting

Multiple Mounting Options

Strobes Equipped with Xenon Flash Tubes

"Stand-alone" Strobes for 1-gang or 4-inch Square Box Mounting

Red or White Finish Available

SPECIFICATIONS

Description	Operating Voltage	Operating Current	Candela
H12/24 Horn	12-30 VDC	0.023 amp.	N/A
Wall mt. Horn/strobe	20-30 VDC	0.066 amp.	15
Wall mt. Horn/strobe	20-30 VDC	0.072 amp.	15/75
Wall mt. Horn/strobe	20-30 VDC	0.090 amp.	30
Wall mt. Horn/strobe	20-30 VDC	0.146 amp.	75
Wall mt. Horn/strobe	20-30 VDC	0.163 amp.	110
Ceiling mt. horn/strobe	16-33 VDC	0.071 amp.	15
Ceiling mt. horn/strobe	16-33 VDC	0.079 amp.	15/75
Ceiling mt. horn/strobe	16-33 VDC	0.091 amp.	30
Ceiling mt. horn/strobe	16-33 VDC	0.150 amp.	75
Ceiling mt. horn/strobe	16-33 VDC	0.176 amp.	95
Ceiling mt. horn/strobe	16-33 VDC	0.214 amp.	115
Ceiling mt. horn/strobe	16-33 VDC	0.314 amp.	177
Wall mt. strobe	20-30 VDC	0.043 amp.	15
Wall mt. strobe	20-30 VDC	0.049 amp.	15/75
Wall mt. strobe	20-30 VDC	0.067 amp.	30
Wall mt. strobe	20-30 VDC	0.123 amp.	75
Wall mt. strobe	20-30 VDC	0.140 amp.	110
Ceiling mt. Strobe	16-33 VDC	0.048 amp.	15
Ceiling mt. Strobe	16-33 VDC	0.056 amp.	15/75
Ceiling mt. Strobe	16-33 VDC	0.068 amp.	30
Ceiling mt. Strobe	16-33 VDC	0.127 amp.	75
Ceiling mt. Strobe	16-33 VDC	0.153 amp.	95
Ceiling mt. Strobe	16-33 VDC	0.191 amp.	115
Ceiling mt. Strobe	16-33 VDC	0.291 amp.	177
“MDL” Module	20-30 VDC	0.011 amp.	N/A

* dBA measurements are made in a reverberant test room. The typical output level in an actual installation exceeds the measurements from the test room.

Horn output is 85 dBA (high output), 79 dBA (low output)*

Ceiling mount horn/strobe output is 85 dBA (High output), 82 dBA (Low output)*

Current shown is for high output, non-temporal operation.

Operating temperature

(Indoor and rainproof models)

32 to 150° F

(0 to 66° C)

(“K” Model strobes)

-40 to 158° F

(-40 to 70° C)

(Ceiling mount models)

32 to 120° F

(0 to 49° C)

Operating humidity

85%

APPROVALS

UL Stds 1971, 1638, 50

FM Approved (indoor models)

CSFM

NYC-MEA 254-97-M Vol. III

ORDERING INFORMATION

HORNS, WALL MOUNT

136-50000	H12/24	Horn, electronic, red
136-50001	H12/24W	Horn, electronic, white
136-50002	H12/24K	Horn, electronic, red, rainproof

HORN/STROBES, WALL MOUNT

134-50000	P2415	Horn, electronic, red, w/15 cd strobe
134-50006	P2415W	Horn, electronic, white, w/15 cd strobe
134-50001	P241575	Horn, electronic, red, w/15/75 cd strobe
134-50011	P241575K	Horn, electronic, red, w/15/75 cd strobe, rainproof
134-50007	P241575W	Horn, electronic, white, w/15/75 cd strobe
134 50005	P241575F	Horn, electronic, red, "FUEGO" w/15/75 cd strobe
134-50002	P2430	Horn, electronic, red, w/30 cd strobe
134-50008	P2430W	Horn, electronic, white, w/30 cd strobe
134-50012	P2430K	Horn, electronic, red, w/30 cd strobe, rainproof
134-50003	P2475	Horn, electronic, red, w/75 cd strobe
134-50013	P2475K	Horn, electronic, red, w/75 cd strobe, rainproof
134-50009	P2475W	Horn, electronic, white, w/75 cd strobe
134-50004	P24110	Horn, electronic, red, w/110 cd strobe
134-50014	P24110K	Horn, electronic, red, w/110 cd strobe, rainproof
134-50010	P24110W	Horn, electronic, white, w/110 cd strobe

HORN/STROBES, CEILING MOUNT

134-90199	PC2415W	Horn, electronic, white, w/15 cd strobe
134-50015	PC2415	Horn, electronic, red, w/15 cd strobe
134-50016	PC241575	Horn, electronic, red, w/15/75 cd strobe
134-90200	PC241575W	Horn, electronic, white, w/15/75 cd strobe
134-50017	PC2430	Horn, electronic, red, w/30 cd strobe
134-90201	PC2430W	Horn, electronic, white, w/30 cd strobe
134-90202	PC2475W	Horn, electronic, white, w/75 cd strobe
134 50018	PC2475	Horn, electronic, red, w/75 cd strobe
134-50019	PC2495	Horn, electronic, red, w/95 cd strobe
134-90203	PC2495W	Horn, electronic, white, w/95 cd strobe
134-50020	PC24115	Horn, electronic, red, w/115 cd strobe
134-90204	PC24115W	Horn, electronic, white, w/115 cd strobe
134-90212	PC24177W	Horn, electronic, white, w/177 cd strobe
134-50021	PC24177	Horn, electronic, red, w/177 cd strobe

ORDERING INFORMATION

(Continued)

STROBES, WALL MOUNT

135-50000	S2415	Strobe only, 15 cd, red
135-50005	S2415W	Strobe only, 15 cd, white
135-50001	S241575	Strobe only, 15/75 cd, red
135-50011	S241575K	Strobe only, 15/75 cd, red, weatherproof
135-50006	S241575W	Strobe only, 15/75 cd, white
135-50010	S241575F	Strobe only, 15/75 cd, red, "FUEGO"
135-50002	S2430	Strobe only, 30 cd, red
135-50012	S2430K	Strobe only, 30 cd, red, weatherproof
135-50007	S2430W	Strobe only, 30 cd, white
135-50003	S2475	Strobe only, 75 cd, red
135-50013	S2475K	Strobe only, 75 cd, red, weatherproof
135-50008	S2475W	Strobe only, 75 cd, white
135-50004	S24110	Strobe only, 110 cd, red
135-50014	S24110K	Strobe only, 110 cd, red, weatherproof
135-50009	S24110W	Strobe only, 110 cd, white

STROBES, CEILING MOUNT

135-50015	SC2415	Strobe only, 15 cd, red
135-90061	SC2415W	Strobe only, 15 cd, white
135-50016	SC241575	Strobe only, 15/75 cd, red
135-90062	SC241575W	Strobe only, 15/75 cd, white
135-50017	SC2430	Strobe only, 30 cd, red
135-90063	SC2430W	Strobe only, 30 cd, white
135-50018	SC2475	Strobe only, 75 cd, red
135-90064	SC2475W	Strobe only, 75 cd, white
135-50019	SC2495	Strobe only, 95 cd, red
135-90065	SC2495W	Strobe only, 95 cd, white
135-50020	SC24115	Strobe only, 115 cd, red
135-90066	SC24115W	Strobe only, 115 cd, white
135-90067	SC24177W	Strobe only, 177 cd, white
135-50021	SC24177	Strobe only, 177 cd, red

SYNCHRONIZATION MODULE

190-90019	MDL	Synchronization module, 24 VDC, red
190-90020	MDLW	Synchronization module, 24 VDC, white

ACCESSORIES

139-90030	BBS	Surface Mount Skirt, red
139-90031	BBSW	Surface Mount Skirt, white
139-90035	BBSCW	Surface Mount Skirt, ceiling mount, white
139-90036	BBSC	Surface Mount Skirt, ceiling mount, red
139-90028	S-MP	Single Gang Mounting Plate, red
139-90029	S-MPW	Single Gang Mounting Plate, white
139-90034	WBB	Weatherproof Back Box ("K" Series appliances only)