

## Colored Lens Speaker/Strobe Series

### Applications

The Gentex SSPK24 Colored Lens Series is a wall mount, low profile speaker/strobe that offers a quality speaker and visual alarms. Applications include severe weather, evacuation, emergency response and many more.

The SSPK24 colored lens speaker/strobe offers a 24VDC, fixed 15/75 candela strobe in lens colors of amber, blue, green and red.

The SSPK colored lens speaker/strobe can be mounted in a 4" square x 2-1/8" deep back box, an extension ring is not needed.

The Series provides a 25 or 70.7 VRMs speaker with field selectable power taps of 1/8W, 1/4W, 1/2W, 1W, 2W or 4W. The speaker/strobes can be synchronized by using the Gentex AVSM Control Module, FACP's or power supplies that include the Gentex Synchronization Protocol.

The SSPK24 Colored Lens Series grills are constructed of high impact textured plastic. The SSPK24 Colored Lens Series is warranted for 3 years from the date of purchase and are ANSI/UL 1480 and ANSI/UL 1638 listed.

## SSPK Colored Lens SERIES



SSPKA24-15/75PWW

SSPKB24-15/75PWR

### Standard Features

- 24VDC Fixed 15/75 Candela
- Unit dimension: 6.1" (15.49 cm) square x 1.88" (4.78 cm) deep
- Lens colors available: amber, blue, green and red
- ALERT text available on amber lens units
- Wall mounting to a standard 4" (10.16 cm) square x 2.125" (5.4 cm) deep back box
- High quality dBA output (intelligible)
- Frequency range 400-4000Hz
- Screw terminals, separate in/out wiring (12-18 gauge)
- Field selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W, 4W
- Speaker voltage 25 or 70.7 VRMS standard, field selectable
- To synchronize use the Gentex AVSM Control Module
- Tamperproof grill
- Faceplate available in red or off-white
- Xenon strobe maintains constant flash rate (1Hz) regardless of input voltage<sup>1</sup>

Colored Lens Speaker/Strobes		
Model Number	Description	Part Number
SSPKA24-15/75PWR	Amber Speaker/Strobe	904-1391-002
SSPKA24-15/75PWW	Amber Speaker/Strobe	904-1392-002
SSPKA24-15/75AWR	Amber Speaker/Strobe	904-1399-002
SSPKA24-15/75AWW	Amber Speaker/Strobe	904-1400-002
SSPKB24-15/75PWR	Blue Speaker/Strobe	904-1393-002
SSPKB24-15/75PWW	Blue Speaker/Strobe	904-1394-002
SSPKG24-15/75PWR	Green Speaker/Strobe	904-1395-002
SSPKG24-15/75PWW	Green Speaker/Strobe	904-1396-002
SSPKR24-15/75PWR	Red Speaker/Strobe	904-1397-002
SSPKR24-15/75PWW	Red Speaker/Strobe	904-1398-002

SSPK24 COLORED LENS STROBE CURRENT RATINGS		
Lens Color	15/75Cd	24VDC UL Max <sup>1</sup>
Amber		148mA
Blue		280mA
Green		360mA
Red		397mA

<sup>1</sup> RMS current ratings are per UL average RMS method. UL maximum current rating is the maximum RMS current within the listed voltage range (16-33VDC for 24VDC units) (8-17VDC for 12VDC units). For strobes the UL max current is usually at the minimum listed voltage (16VDC for 24VDC units) (8VDC for 12VDC units). For audibles the maximum current is usually at the maximum listed voltage. For unfiltered FWR ratings, see installation manual.

### Product Listings

#### SIGNALING



- ANSI/UL 1480 and ANSI/UL 1638 Listed
- CSFM

### Product Compliance

- NFPA 72
- IBC/IFC/IRC
- City & State Ordinances/Laws/Regulations
- Quality Management System is certified to: ISO 9001:2008



Low Profile Speaker dBA @ 10 ft.		
Input Watts	25 Volts	70.7 Volts
1/8	74.6 dBA	73.7 dBA
1/4	77.7 dBA	76.7 dBA
1/2	80.5 dBA	79.6 dBA
1	83.1 dBA	82.5 dBA
2	85.6 dBA	85.4 dBA
4	87.9 dBA	87.9 dBA

### Notes:

- The SSPK24 Colored Lens Series is not listed for outdoor use.
- Operating temperature: 32° to 120°F (0° to 49° C).
- Gentex does not recommend using a coded or pulsing signaling circuit with any of our strobe products (see technical bulletin number 014).

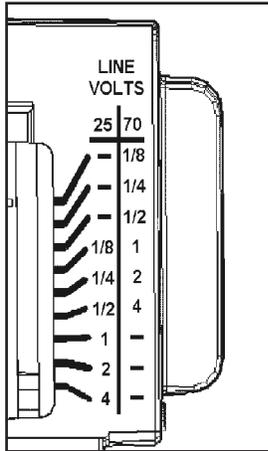
R = Red Faceplate W = Off-White Faceplate

A = ALERT Lettering (available on speaker/strobe only)

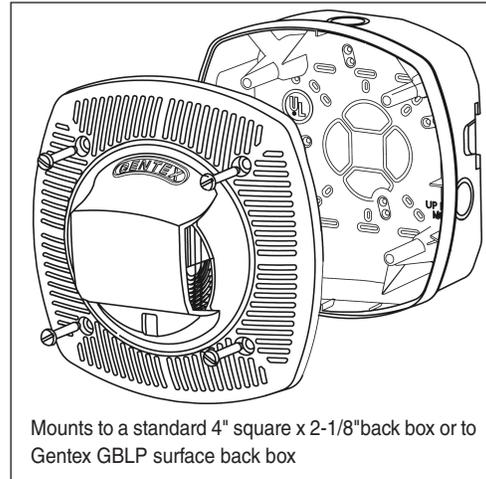
All units are available in plain (no lettering)

# SSPK Colored Lens SERIES

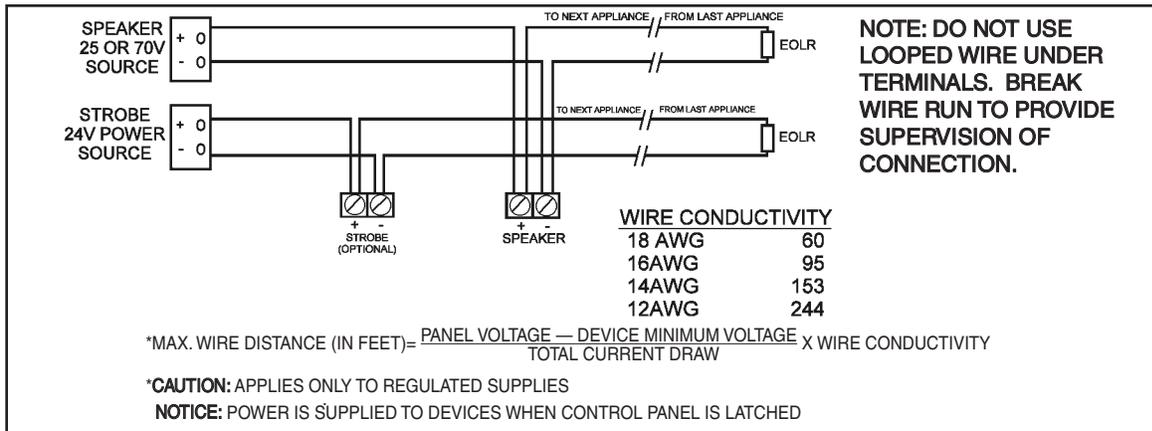
## Power Tap Selection



## SSPK24WLP Mounting Diagram



## Wiring Diagram



## Architect & Engineering Specifications

The alarm speaker shall be Gentex SSPK24 Colored Lens Series or equivalent. The speaker shall be capable of producing alarm tones or voice on all 25 or 70.7 VRMS audio systems. The speaker shall provide incremental tap settings of 1/8, 1/4, 1/2, 1, 2 or 4 watts. Minimum dBA ratings at 1/4 watt shall be 76.7 dBA and at 4 watts 87.9 dBA. Tap settings shall be adjustable with field selectable jumper pins. The speaker shall also have an optional visual signal capability.

The visual signal shall have a 1Hz flash rate regardless of input voltage. All field wiring connections shall be made via separate in-out terminal connections and the speaker or speaker strobe shall be ANSI/UL and CSFM listed and comply with all local, state and federal fire alarm codes/standards.

12 units per carton  
17 pounds per carton

# GENTEX CORPORATION

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Gentex Corporation reserves the right to make changes to the product data sheet at their discretion.

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