

# SSPK24 Series

## Colored Lens Speaker/Strobe Series

12 units per carton, 17 pounds per carton

### Applications

The Gentex SSPK24 Colored Lens Series is a wall mount speaker/strobe that offers a quality speaker and visual alarm for warning and emergency notification. 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 SSPK24 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 SSPK24 Colored Lens devices are listed to ANSI/UL 1480 and ANSI/UL 1638. The SSPK24 Colored Lens are also listed to CAN/ULC S526 and/or CAN/ULC S541 listed and are warranted for 3 years from the date of purchase.



### Standard Features

- 24 VDC nominal voltage with a fixed 15/75 candela
- Unit dimension: 6.1" (15.49 cm) square x 3.89" (9.88 cm) deep
- Lens colors available: amber, blue, green and red
- Speaker voltage 25 or 70.7 VRMs standard, field selectable
- Field selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W, 4W
- High quality dBA output (intelligible)
- Frequency range 400-4000Hz
- Screw terminals, separate in/out wiring (12-18 gauge)
- Mount to a standard 4" square x 2-1/8" deep back box
- Synchronize with Gentex AVSM Control Module
- Tamperproof grill
- Faceplate available in red or off-white
- Wall mount

SSPK24 Colored Lens Speaker/Strobes		
Model Number	Part Number	Lens Color
SSPKA24-15/75PWR	904-1391-002	Amber
SSPKA24-15/75PWW	904-1392-002	Amber
SSPKA24-15/75AWR	904-1399-002	Amber (ALERT Text)
SSPKA24-15/75AWW	904-1400-002	Amber (ALERT Text)
SSPKB24-15/75PWR	904-1393-002	Blue
SSPKB24-15/75PWW	904-1394-002	Blue
SSPKB24-15/75AWR	904-0518-002	Blue (ALERT Text)
SSPKB24-15/75AWW	904-0519-002	Blue (ALERT Text)
SSPKG24-15/75PWR	904-1395-002	Green
SSPKG24-15/75PWW	904-1396-002	Green
SSPKG24-15/75AWR	904-0520-002	Green (ALERT Text)
SSPKG24-15/75AWW	904-0521-002	Green (ALERT Text)
SSPKR24-15/75PWR	904-1397-002	Red
SSPKR24-15/75PWW	904-1398-002	Red
SSPKR24-15/75AWR	904-0522-002	Red (ALERT Text)
SSPKR24-15/75AWW	904-0523-002	Red (ALERT Text)

SSPK24 Colored Lens Strobe Current Ratings (mA)	
24 VDC (16-33 Volts)	
Candela	UL Max
Amber	148 mA
Blue	280 mA
Green	360 mA
Red	397 mA

#### 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

### Product Listings



- ANSI/UL 1480 and ANSI/UL 1638 Listed
- CAN/ULC S526 and/or CAN/ULC S541 Listed
- CSFM: 7320-0569:0140

### Product Compliance

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

R = Red Faceplate, W = White Faceplate

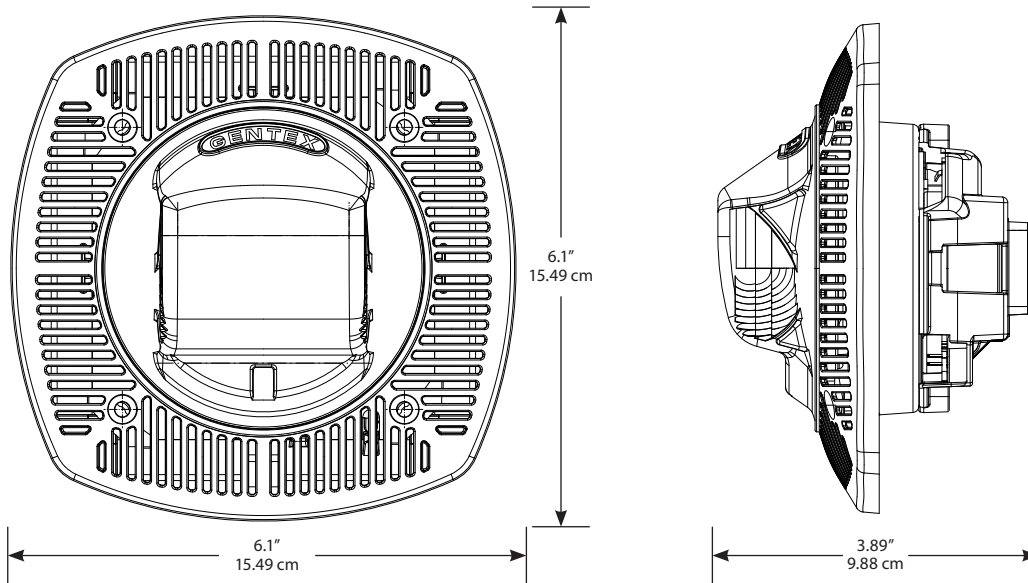
Lens Colors: A = Amber R = Red B = Blue G = Green

A = ALERT text

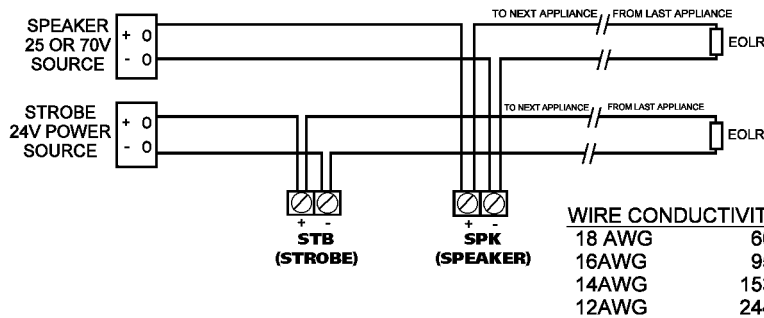
Units are available in plain (no lettering)

# SSPK24 Series

## Colored Lens Speaker/Strobe Series



### Wiring Diagram



### Notes

- Operating temperature: 32° to 120°F (0° to 49°C)
- The SSPK24 Colored Lens Series is not listed for outdoor use
- For nominal and peak current across ANSI/UL regulated voltage range for filtered DC power and unfiltered (FWR [Full Wave Rectified]) power, see installation manual
- This appliance is not recommended for use on coded or pulsing signaling circuits

\* MAX. WIRE DISTANCE (IN FEET) =  $\frac{\text{PANEL VOLTAGE} - \text{DEVICE MINIMUM VOLTAGE}}{\text{TOTAL CURRENT DRAW}} \times \text{WIRE CONDUCTIVITY (STROBE ONLY)}$

## Architect & Engineering Specifications

The alarm speaker shall be Gentex SSPK24 Colored Lens or approved equivalent and shall be listed by Underwriters Laboratories, Inc. (ANSI/UL) per ANSI/UL 1638, ANSI/UL 1480 and with CAN/ULC S526 and/or CAN/ULC S541 Listed. 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 rating at 1/4 watt shall be 76.7 dBA at 70.7 volts and a minimum dBA rating at 4 watts shall be 87.9 dBA at 70.7 volts. Tap settings shall be adjustable with field selectable jumper pins. The speaker also has a visual signal with an operating current of 148 mA or less at 24 VDC for the 15/75 Cd strobe circuit with an amber lens. The strobe appliance shall have an input voltage range of 16-33 volts with either direct current or full wave rectified power for 24 volt models. The visual signal shall have a 1 Hz flash rate regardless of input voltage. All field wiring connections shall be made via separate in-out terminal connections. The SSPK24 Colored Lens shall be mounted on the wall.

**GENTEX**  
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