

# SSPK24WLP Series

## Wall Mount Speaker/Strobe

12 units per carton, 17 pounds per carton

### Applications

The Gentex SSPK24WLP Series is a wall mount, selectable candela speaker/ strobe designed to meet code requirements for audio, visual and voice communications. The SSPK24WLP Series are quality speaker products offering both dependable evacuation signaling and visual alarms, or a combination of both.

The high output tamperproof candela selections are 15, 30, 60, 75, 110. A fixed 15/75 candela unit is also available. The SSPK24WLP can be mounted in a 4" square x 2-1/8" deep back box, an extension ring is not needed. The SSPK24WLP 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 SSPK24WLP devices are listed to ANSI/UL 1480, the selectable candela strobe unit is listed to ANSI/UL 1971. The 15/75 candela unit is additionally listed to ANSI/UL 1638. The SSPK24WLP 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

- Speaker/strobe nominal voltage 24 VDC
- 24 VDC field selectable candelas: 15, 30, 60, 75, 110
- 24 VDC fixed 15/75 unit available
- Unit dimension: 6.1" (15.494 cm) square x 3.89" (9.88 cm) deep
- 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 400-4000 Hz
- Screw terminals, separate in/out wiring (12-18 gauge)
- Mount to a standard 4" x 2-1/8" deep back box
- Synchronize with Gentex AVSM Control Module
- Tamperproof grill
- Faceplate available in red or off-white
- Wall mount



#### SSPK24WLP Speaker/Strobes

Model Number	Part Number	Lettering
SSPK24WLPR	904-1413-002	FIRE Text
SSPK24WLPW	904-1415-002	FIRE Text
SSPK24WLPAR	904-1403-002	ALERT Text
SSPK24WLPAW	904-1404-002	ALERT Text
SSPK24-15/75WLPR	904-1417-002	FIRE Text
SSPK24-15/75WLPW	904-1419-002	FIRE Text
SSPK24-15/75WLPAR	904-1405-002	ALERT Text
SSPK24-15/75WLPAW	904-1406-002	ALERT Text

R = Red Faceplate, W = White Faceplate

A = ALERT text (speaker/strobe only)

All units are available in plain (no lettering)  
Plain units are not returnable

#### SSPK24WLP Strobe Current Ratings (mA)

Candela	24 VDC (16-33 Volts)	
	24 VDC	UL Max
15	55 mA	78 mA
30	63 mA	96 mA
60	88 mA	137 mA
75	112 mA	180 mA
110	136 mA	224 mA
15/75	63 mA	96 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



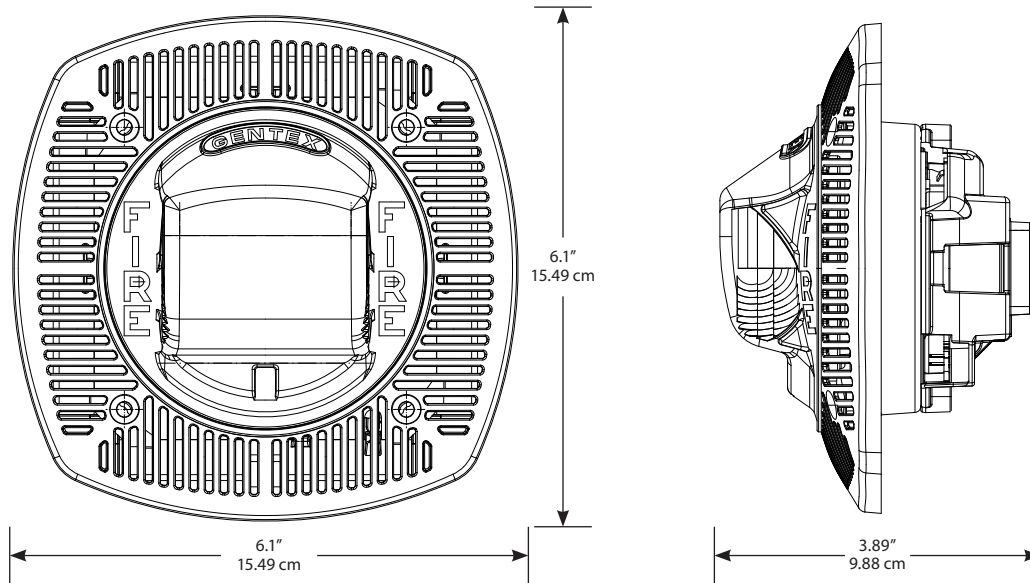
- ANSI/UL 1480, ANSI/UL 1971 and ANSI/UL 1638 Listed
- 24CSFM: 7320-0569:140
- MEA: 580-06-E Vol. 3

### Product Compliance

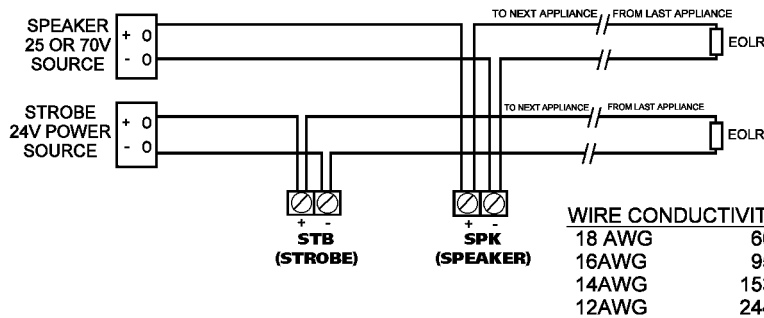
- Americans with Disabilities Act (ADA)
- NFPA 72
- IBC/IFC/IRC
- Quality Management System is certified to: ISO 9001:2008

# SSPK24WLP Series

## Low Profile Wall Mount Speaker/Strobe



### Wiring Diagram



### Notes

- Operating temperature: 32° to 120°F (0° to 49°C)
- The SSPK24WLP 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 fire alarm speaker shall be Gentex SSPK24WLP or approved equivalent and shall be listed by Underwriters Laboratories, Inc. (ANSI/UL) per ANSI/UL 1638, ANSI/UL 1971, 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 78 mA or less at 24 VDC for the 15 Cd strobe circuit. 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 SSPK24WLP shall be mounted on the wall.

**GENTEX**  
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