

Description

The Velocity VDOT-WSSPK24 series an outdoor listed, wall mount speaker/strobe designed to meet the code requirements for visual and voice communications. The VDOT-WSSPK24 series are quality speaker products offering both dependable evacuation signalling and visual alarms, or a combination of both.

The VDOT-WSSPK24 speaker/strobe offers a fixed 15/75 candela and provides a 25 or 70.7 VRMS speaker with field selectable power taps of 1/8W, 1/4W, 1/2W, 1W, 2W or 4W. Included with the VDOT-WSSPK24 series Speaker/strobes is an outdoor listed back box, providing protection from weather related conditions and allows the necessary full candela output.

The VDOT-WSSPK24 devices are listed to ANSI/UL 1480, ANSI/UL 1638 and CAN/ULC 5526 and/or CAN/ULC 5541.

Features

- Speaker/strobe nominal voltage 24 VDC
- 24VDC fixed 15/75 candela
- Outdoor listed when mounted with outdoor backbox
- Unit dimensions: 6.1" (15.50cm) square x 4.06" (10.31cm) deep
- Speaker voltage 25 or 70.7 Vrms standard, field selectable
- Field Selectable power taps: 1/8W, 1/4W, 1/2W, 1W, 2W or 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
- Tamperproof grill
- Faceplate available in red or off-white
- Wall mount only

Ordering Information

VDOT-WSSPK24-15/75WR	Outdoor Speaker / Strobe, 25 or 70.70 VRMS, fixed 15/75 Candela wall mount, shipped with outdoor back box, FIRE text, Red
VDOT-WSSPK24-15/75WW	Outdoor Speaker / Strobe, 25 or 70.70 VRMS, fixed 15/75 Candela wall mount, shipped with outdoor back box, FIRE text, White



Product Listings



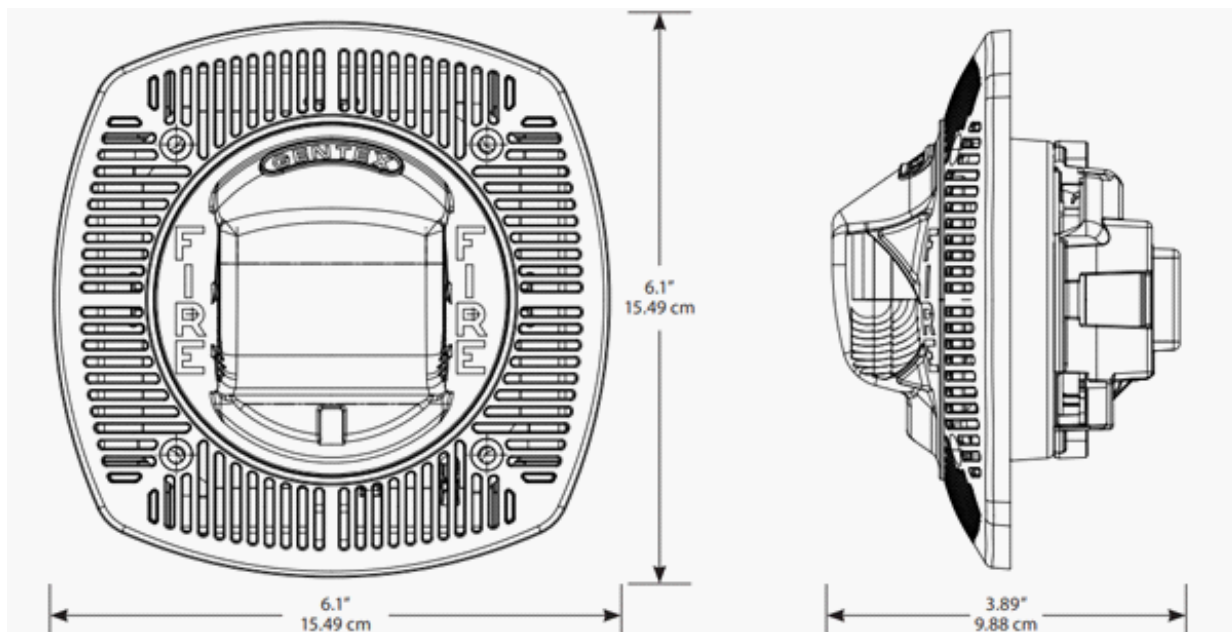
SSPK24WLP Strobe Current Ratings (mA)

24 VDC (16 - 33 Volts)		
Candela	24 VDC	UL Max
15/75	63 mA	96 mA

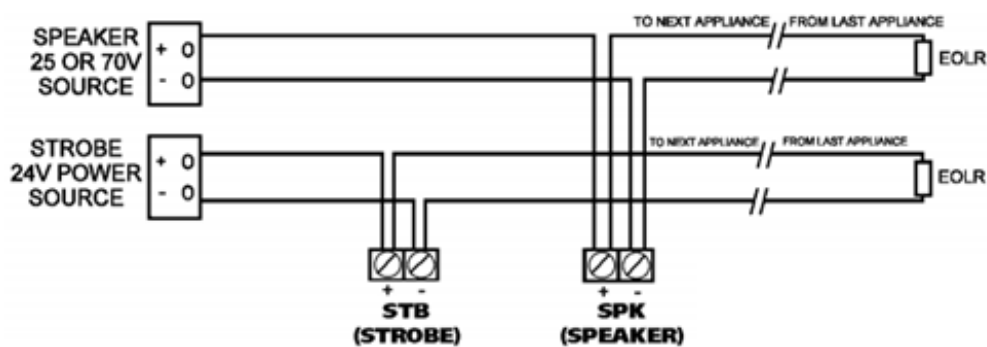
Speaker dBA @ 10ft.

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

■ Dimensions



■ Wiring Diagram



Wire conductivity

18AWG	60
16AWG	95
14AWG	153
12AWG	244

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

■ Notes

- Indoor operating temperature: 32°F to 120°F (0°C to 49°C)
- Outdoor operating temperature: -31°F to 150°F (-35°C to 66°C)
- The VDOT-WSSPK24-15/75WR & VDOT-WSSPK24-15/75WW is 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 instruction manual
- This appliance is not recommended for use on coded or pulsing signalling circuits

All specifications are subject to change without any notice.
For more information, contact with VELOCITY.



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