

DVS-511, DVS-512 Amplified Speakers



Description

The DVS-511 and DVS-512 are UL Listed 15 Watt Amplified Speakers for use in industrial paging and fire alarm evacuation applications.

Listed for Life Safety / Fire Alarm use the DVS-511 is powered by 24 VDC and accepts a 25 VRMS (70 VRMS optional) audio input. The DVS-512 is Listed for General Signaling applications and is powered by 120 VAC.

The DVS-511 24 VDC input is polarity protected for use with polarity reversing power supplies and supervision voltages.

Operation

The DVS-511 and DVS-512 are typically used to provide high audio level in harsh environments with high ambient noise levels, without the need for running high power audio lines great distances.

Powered by a local 24 VDC battery backed-up power supply that can be switched on during the emergency, the DVS-511 can produce a high level of audio when needed, but draw minimum current when not in use.

The DVS-511 and DVS-512 incorporate sealed cast aluminum housings allowing them to be utilized indoors or outdoors.

Features

- 15 Watt - 108 dBA @ 10 ft.
- Low Input Current Draw
- Clear Audio Reproduction
- High Level Input
25 VRMS (70 VRMS opt.)
- Input Polarity Protected
- Low Audio Line Load



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Specifications

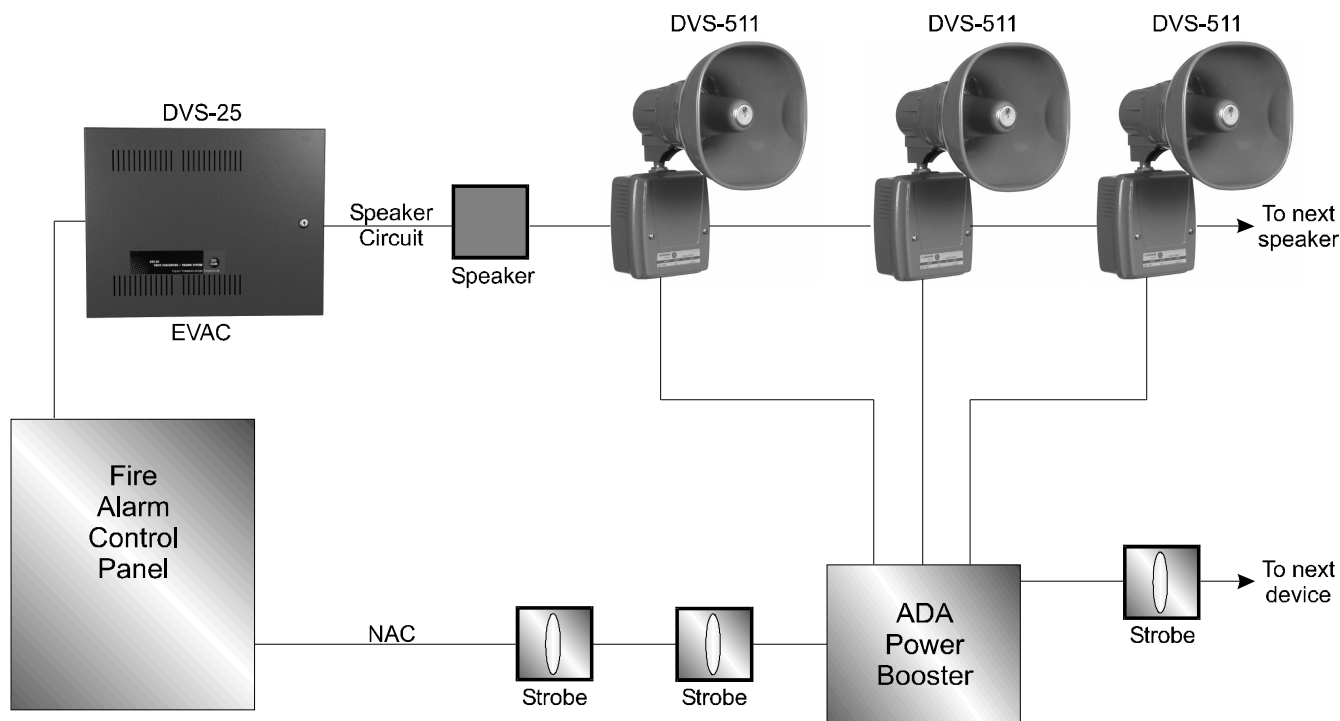
DVS-511:	UL Listed for Fire, CSFM
DVS-512:	UL Listed General Signaling, CSFM
Temperature:	32° to 120°F
Humidity:	30% to 85% RH
Signal Input:	25 VRMS (70 VRMS optional)
Audio Line Load:	.064 W (25 VRMS), .175 W (70 VRMS)
Output:	15 Watt - 108 dBA @ 10 ft., (UL - 102 dBA)
Signal Frequency:	800 to 2800 Hz.
Input Empedance:	10K Ohms
Weight:	8 lbs.
Housing:	Cast Aluminum Alloy
Speaker:	Spun Aluminum Reentrant Horn

Ordering Information

Model	UL Listing	Voltage	Audio Line	Current
DVS-511	Fire Alarm	24 VDC	25 VRMS*	0.9 A (.04 A Standby)
DVS-512	General Signaling	120 VAC	120 VRMS*	0.3 A (.08 A Standby)

* 70 VRMS Optional - consult factory for details

Typical Configuration



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