



Architects and Engineering Specification

SpectrAlert Advance Outdoor Speakers

The Speaker appliance shall be System Sensor SpectrAlert Advance model _____ outdoor "K" Series Speaker. The speaker shall be listed to UL S4048 for outdoor Fire Protective Signaling Systems. It shall be a dual-voltage transformer speaker capable of operation at 25.0 or 70.7 nominal Vrms. The speaker shall have a frequency range of 400 to 4,000 Hz and shall have an operating temperature between -40°F and 151°F. The speaker shall be suitable for use in air handling spaces, as well as wet environments. It shall mount to a SpectrAlert Advance outdoor back box supplied with the unit.

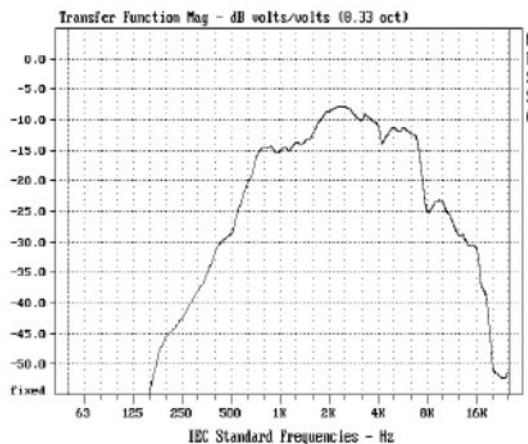
A universal mounting plate shall be used for mounting ceiling and wall speaker products. The notification appliance circuit and amplifier wiring shall terminate at the universal mounting plate.

Speakers shall be plug-in and shall have the ability to check wiring continuity via a shorting spring on the universal mounting plate. The shorting spring shall also provide tamper resistance via an open circuit if the device is removed. Speaker design shall isolate speaker components to reduce ground fault incidents.

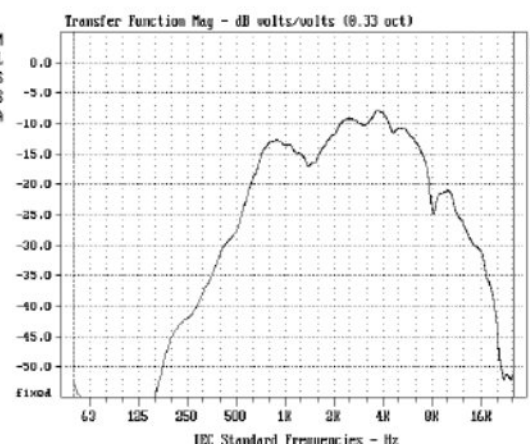
The speaker shall have power taps (from ¼ watt to 2 watts) and voltage that are selected by rotary switches. All models shall have a maximum sound output of 90 dB at 10 feet and shall incorporate a sealed back construction.

All notification appliances shall be backward compatible.

Ceiling Speaker
Wide Band Frequency Response



Wall Speaker
Wide Band Frequency Response



Note: The wide band frequency response is derived using MLS methods