Advantages of Kidde Wireless Smoke Alarms

• Kidde wireless smoke alarms are UL listed. There are other brands of wireless smoke alarms available in the marketplace, but they cannot be sold in some states.

• Two items are available: DC smoke alarm and AC/DC smoke alarm. We focused on getting these items just right. There are other brands on the market with more "bells and whistles", but in our opinion they fall short in key areas such as wireless signal strength and adherence to standards (eg. NFPA 72)

• Kidde wireless smoke alarms use 3-AA batteries. The use of 3-AA batteries ensures that our alarms have the signal strength we want, and that the alarms function for a full year in compliance with UL. Kidde wireless smoke alarms are the only wireless smoke alarms listed by UL.

• Our wireless products use switches for addressing instead of requiring the user to figure out how to program. The use of switches allows for positive identification of which system an alarm belongs to. This is especially useful in densely populated areas when you need to go back and replace an alarm at the end of its life. You'll be certain you are associating the alarm with the right system when you set the switches. Also, Kidde wireless alarms are the only ones that work interconnected right out of the box (no user programming required).

• Kidde chose the 433MHz frequency for its signal transmission instead of 915MHz. This decision allows us to offer several advantages. 433 MHz signals do not attenuate (weaken) as much through common building material (walls, floors, doors). Kidde alarms can be placed further apart. Using the 433 MHz frequency also allows us to avoid the need for "frequency hopping". The 433 MHz frequency is much less crowded, and interference is less of a problem. Nonetheless, Kidde has sophisticated internal microprocessor management to avoid signal collisions.
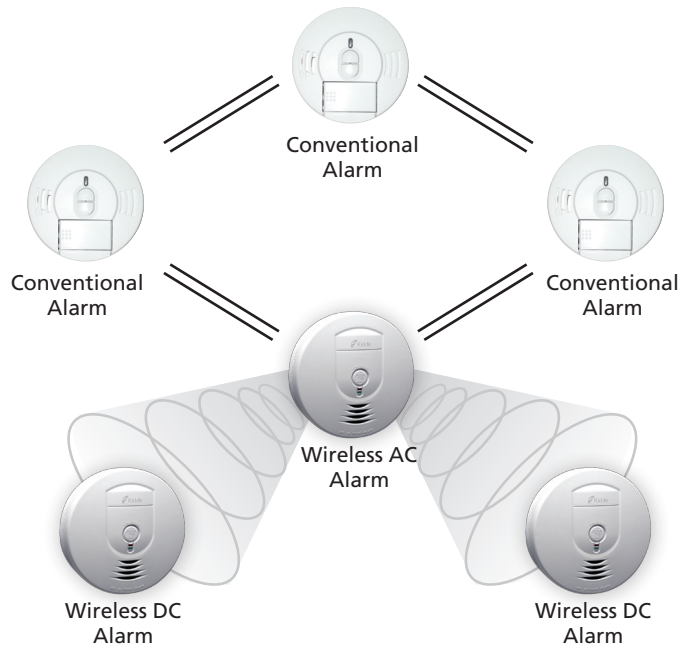
• Kidde chose not to use a "mesh" network because our alarms have a strong signal that can easily travel the maximum expected distance in a typical application. Our competitors use a mesh network because they need this technology to send a signal from one end of a home to another. Two Kidde alarms will talk to each other at the far ends of a typical home. Competitor's products cannot do this without at least one or more alarms in between.

• Kidde alarms have a Hush® feature on every alarm. This feature helps to quiet nuisance Alarms, as well as "low battery chirp".

• Kidde alarms also have an alarm memory feature, which helps identify which was the initiating alarm. Our competition does not have this.

• Kidde alarms are the most advanced, and most popular alarms in today's marketplace.

Kidde wireless system

Applications | Kidde Wireless Smoke Alarms

Problem: Conventional, interconnect alarms installed but added coverage needed

Solution: Replace one conventional alarm with an AC wireless alarm and you can add as many DC wireless products as necessary.

Conventional Alarm

Conventional Alarm

Conventional Alarm

Wireless AC Alarm

Wireless DC Alarm

Wireless DC Alarm

Kidde Wireless Smoke Alarms enable you to extend the coverage and protection of interconnected smoke alarms —*without any need for additional wiring!*

KEY

RF AC Smoke Alarm

RF DC Smoke Alarm

Conventional Alarm

When one alarm sounds, they **all** do!

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