5 Key Benefits
of TrueAlert ES Addressable Speaker Technology

We're living in a digital age where technology continues to advance and evolve. When it comes to fire alarm systems, this can mean better protection and value-added benefits for owners, facility managers, contractors, architects and engineers.

Nowhere is smart technology more impactful than with the development of SIMPLEX TrueAlert ES addressable notification technology, which has been revolutionizing fire protection over the past several years.

Now our latest advancement—the industry's first addressable speakers with individual on-off audio control for each device—goes even further in taking safety to the next level and providing game-changing benefits.

1. Targeted Messaging for Emergency Communications:

Addressable SIMPLEX TrueAlert ES speakers have the capability to deliver audio messages to specifically targeted areas within a building.

As a result, the fire alarm panel can be programmed to select exactly which speakers are to be used—and what message will be played on them—during an emergency.

This targeted audio paging capability enables the delivery of critical, event-specific information exactly where it's needed. For example, in the case of a small isolated event, an individual speaker can be activated to deliver a message in that specific area.

In broader emergency situations, groups of speakers can be used to deliver evacuation instructions for specific parts of the building, based on the nature of the situation.

2. More System Design and Expansion Flexibility:

SIMPLEX TrueAlert ES addressable speakers are extremely flexible, providing easier, more efficient design and faster, more cost-effective installation. With conventional notification, the wiring is restrictive and rather inflexible, making it difficult to design systems that are efficient, cost-effective and readily expandable.

When laying out a system with addressable devices, circuits can be designed to go further with less wire. This gives engineers more freedom and makes it less likely that they will encounter design roadblocks.

Put all of this together, and you get an addressable solution that's flexible, reliable, cost-effective and highly scalable, enabling the system to grow and expand as buildings change and life-safety needs evolve.

3. Easier Testing and Maintenance. Less Disruption:

With addressable notification technology, the days of long, disruptive fire alarm tests are gone. Work that used to take hours or even days can now be done in a matter of seconds.

Like the entire SIMPLEX TrueAlert ES family of notification devices, the new addressable speakers provide revolutionary appliance self-testing capability as well as advanced programming and reporting features. The self-test process takes just seconds to complete. Plus, it can be initiated manually or programmed via the fire alarm control panel to run automatically at a convenient time, eliminating the burden of after-hours testing.

Self-testing can reduce business disruption and provide significant time and cost savings, particularly in large buildings where notification appliance testing can be difficult.

4. Improved Audibility, Intelligibility and Aesthetics:

SIMPLEX TrueAlert ES speakers provide high-quality audio output that improves audibility and intelligibility of messages and enables dual-purpose functionality.

In an emergency, the speakers operate as part of a building's fire alarm system, notifying building occupants about what to do through pre-recorded messages, tones, or live messaging. In addition, the quality of the sound enables the speakers to be used for standard daily functions like non-emergency paging and background music.

From an aesthetics standpoint, the new devices also feature a sleek, streamlined look that blends well with the building or facility decor.

5. Lower Cost of System Installation and Ownership:

Appliances that operate at lower current draws can significantly increase circuit wiring distances, enable more appliances to be connected per circuit and reduce the gauge of wire required. Flexible wiring architecture eliminates the need for shields and helps simplify wire runs. Revolutionary TrueAlert ES self-testing capability streamlines testing and inspection, helping to lower the cost of ownership over the life of the fire alarm system.

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