

# Is Directional Sound Important to You?

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## **What is Directional Sound?**

Directional sound is a whole new technology in fire safety. Traditional fire systems are designed to *notify* people, not to *guide* them. Directional Sound is an audible signal that leads people to safety in a way that today's systems cannot.

## **How does Directional Sound work?**

Directional Sound clearly communicates the location of exits using *broadband noise*. The varying tones and intensities coming from Directional Sound devices offer easy-to-understand cues for finding the way out. As soon as people hear these devices, they *intuitively* follow them to get out quickly.

## **How was Directional Sound discovered?**

Directional Sound was conceived at Leeds University in England and first researched by Professor Deborah Withington.

## **How do I know Directional Sound works?**

Directional Sound is based on the science of human hearing. It is a broadband signal – what some people call “white noise” – consisting of all or most of the frequencies audible to the human ear. Numerous studies have demonstrated that when devices emitting Directional Sound are added to traditional fire systems, evacuation times are dramatically reduced. From these studies, researchers have reached four key conclusions:

First, Directional Sound devices are exceptionally effective at guiding people up and down stairwells and toward exits.

Second, Directional Sound devices will point people to the *nearest* exit, overcoming the natural human behavior that leads them out the way they entered.

Third, Directional Sound devices reduce exit times in virtually all emergency evacuation situations, including those where visibility is severely restricted.

And finally, when added to traditional sounders and exit signs, Directional Sound devices will improve a fire system's potential to save lives.

## **Is Directional Sound available? Where can I get it?**

Directional Sound was researched and developed by Leeds University and SoundAlert Technology. System Sensor has incorporated Directional Sound into ExitPoint™ – the sound new direction in fire safety.

## **What is ExitPoint?**

ExitPoint is a whole new concept in evacuation signaling: the audible exit sign. ExitPoint guides people to building exits – reliably, intuitively, and safely. It can reduce evacuation times up to 75%, prevent injuries, and save lives.

ExitPoint represents an extraordinary leap forward in fire safety technology. And it's just the kind of advanced idea you've come to expect from System Sensor.

## **Is ExitPoint recognized by listing agencies and code officials?**

ExitPoint is UL 464 listed and is also under consideration for NFPA 72.

ExitPoint, from System Sensor, ties into a facility's fire control panel to give life saving information to building occupants. For more information, visit [exitpoint.systemsensor.com](http://exitpoint.systemsensor.com). For a complete Specifier's Kit, including a demonstration CD and white paper, call 800/736-7672 or circle the number below on the reader service card.



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