



Lifetone HL™ Bedside Fire Alarm and Clock Product Fact Sheet

What:	<p>An estimated 70 million Americans have high-frequency hearing loss. This is more than simply an inconvenience – in many cases, it can be a true safety issue. Almost 44 percent of people with hearing loss do not wake to the sound of standard fire alarms¹. And, with roughly half of all home fire deaths resulting from incidents reported between 11:00 p.m. and 7:00 a.m., that's cause for concern.</p> <p>Lifetone Technology™ has developed a new fire alarm for people with hearing loss and others at risk of sleeping through a standard alarm. The Lifetone HL™ Bedside Fire Alarm and Clock broadcasts sounds at multiple frequencies below 3000 Hz, using its 520 Hz square-wave sound pattern technology, which is proven to be most effective at waking at-risk individuals during a fire.</p> <p>With this unique technology, the Lifetone HL Bedside Fire Alarm and Clock ensures a safer environment for people with hearing loss, seniors, children and heavy sleepers. While new industry standards are being reviewed for smoke alarms, Lifetone Technology provides a state-of-the-art fire alert system in an easy-to-use alarm clock.</p>
How It Works:	<p>The Lifetone HL Bedside Fire Alarm and Clock listens for the sound from standard T3 smoke and fire alarms, then broadcasts its own sound using a 520 hertz square-wave. According to research studies by the Fire Protection Research Foundation, an affiliate of the National Fire Protection Association, this sound is significantly more effective at alerting and awakening at-risk individuals than standard fire alarms. The Lifetone HL is the only UL-Listed fire alarm that uses a 520 Hz square-wave signal and a bed shaker.</p>
Features:	<ul style="list-style-type: none"> • Uses 520 Hz square-wave sound pattern – a lower frequency than standard smoke alarms. • Hears existing T3 smoke alarms. No new alarms are required. • Functions as a standard alarm clock. • Battery back-up lasts seven days or more while still providing emergency alarm signals. • Alerts to AC power loss and low or no battery. • Alerts to unplugged or improperly connected bed shaker. • Two year limited warranty. • Measures 8 1/2" L x 5" W x 4" H. • Includes a water-resistant bed shaker.
When/Where:	<p>Available nationally beginning April 2009. For a list of catalogues and online retailers offering Lifetone HL Bedside Fire Alarm and Clock, please visit www.lifetonesafety.com.</p>
Cost:	<p>While Lifetone Technology does not set retail prices, the Lifetone HL Beside Fire Alarm and Clock is expected to retail for about \$180.</p>
For More Information:	<p>For more information and a video demonstration of how the Lifetone HL Bedside Fire Alarm and Clock works, visit www.lifetonesafety.com.</p>

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¹ Optimizing Fire Alarm Notification for High Risk Groups Research Projects (20)