

SMOKE ALARMS TESTED WITH THE HLAC150 BEDSIDE FIRE ALARM AND CLOCK

The Lifetone™ HLAC150 is compatible with any smoke alarm that uses UL 217- compliant T-3 signaling. A UL 217-compliant T-3 cycle is 4 seconds long. It consists of 3 half-second beeps separated by half-second pauses, with a 1.5-second pause at the end of each three-beep group. The HLAC150 requires 7 such uninterrupted cycles to declare a fire emergency.

When first powered up, the HLAC150 requires a setup test. During this test, the HLAC150 needs to hear at least two complete, uninterrupted T-3 cycles of the smoke detector. For ease of set-up, therefore, it's simplest to pair the HLAC150 with a smoke alarm that emits at least two such cycles when its TEST button is operated. Many smoke alarms do this with a single press of the TEST button, and many others do so when the TEST button is held down. However, there are a few smoke alarms that may require a special procedure or extra time at setup.

The following UL-217 listed and compliant smoke alarms have been tested and found compatible with the Lifetone™ HLAC150:

Make	Model	Comments
BRK First Alert	7010B	
BRK First Alert	SC9120B	
Family Gard	FG200	
Family Gard	FG888D	
Family Gard	FG88D	
Fire Sentry	0914	
Fire Sentry	i9040	T-3s sound until test button is released.
Firex	CC	
Firex	FADC	
Firex	FADC, 4618	
First Alert	10Yr	
First Alert	9120B	
First Alert	SA300	
First Alert	SA302	
First Alert	SA303	
First Alert	SA304	
First Alert	SA340	
First Alert	SA4121B	
First Alert	SA67B	
First Alert	SA68	
First Alert	SA710	
First Alert	SCO1N	
First Alert	SCO5	
First Alert	SCO7 new mfr only	compatible if manufactured after October 22, 2010
First Response	SF200	
GE	71182	
Gentex	9123	Turn dial to TEST 1. T-3s begin after 10 seconds.
Gentex	9235	
Kidde	0910	
Kidde	0913	

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Make	Model	Comments
Kidde	0916	
Kidde	0918	
Kidde	0946	
Kidde	0976	
Kidde	1275	
Kidde	1276	
Kidde	i12060	
Kidde	KN-COSMXTR-B	Observe battery installation sequence.
Kidde	PI9000	T-3s sound until test button is released.
MTI Industries	SA-668S	
Sentrol	ESL350	
Universal	SS-770	
Universal	SS775	
Universal	SS-901	
USI Electric	USI-5204	

Any alarm that is UL-217 listed and compliant (UL-217, 6th ed., section 34.3) may be expected to be compatible.

The following alarms are known to be compatible but require more time at set-up:

Make	Model	Comments
BRK	SA320B	If pressed and released, the test button produces two T-3s separated by an additional pause. Hold down the test button until the HLAC150 sounds.
Home Front	RF-360T	To get 10 T-3s, hold down the test button and release after the triangle flashes 3 times.
Kidde	KN-COSM-B	When the test button is pressed, the 2nd T-3 is truncated by a T-4. However, set-up is usually successful with an extra operation of the test button.

Some vintages of the following alarms are known to be **incompatible**:

Make	Model	Comments
First Alert	SCO500 Talking Alarm manufactured before 24 Oct 2011	Some vintages are not UL-compliant. (A UL-compliant device produces 8 complete & sequential T-3 cycles before varying the length of the cycle. After two compliant cycles, some units manufactured before October 24, 2011 have an erratic T-3 period beginning in the 3rd cycle. The pause in every third cycle is variable, dependent on the length of the voice alert, and can be >4s vs. the standard of 1.5s.) Note: Some date codes of this model were recalled for an unrelated power problem.
First Alert	SCO7 Talking Alarm manufactured before 22 Oct 2010	Some vintages are not UL-compliant. (A UL-compliant device produces 8 complete & sequential T-3 cycles before varying the length of the cycle. After two compliant cycles, some units manufactured before October 22, 2010 have an erratic T-3 period beginning in the 3rd cycle. The pause in every third cycle is variable, dependent on the length of the voice alert, and can be >4s vs. the standard of 1.5s.)