TECHNICAL DATA SHEET
for use by Architects & Engineers

Analog Sounder Base
Model No: LE-ASB

Number of ABS Bases Permitted

# of Bases in alarm	Maximum auxiliary 24VDC Power wire resistance
127	1.4 ohms
75	2.4 ohms
60	3.0 ohms
50	3.6 ohms
30	6.1 ohms
20	9.1 ohms
15	12.2 ohms
10	18.3 ohms

Features

- Programmable evacuation codes - Continuous, March, ANSI Temporal patterns
- Base learns the sensor address and assumes an upper range address (128-254)
- Up to 127 sensors and 127 ASBs can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- LE-ASB SLC loop wire resistance = 50 ohms Max. (total SLC wire run length)
- High sound pressure level (85dB SPL at 10 feet)

Description

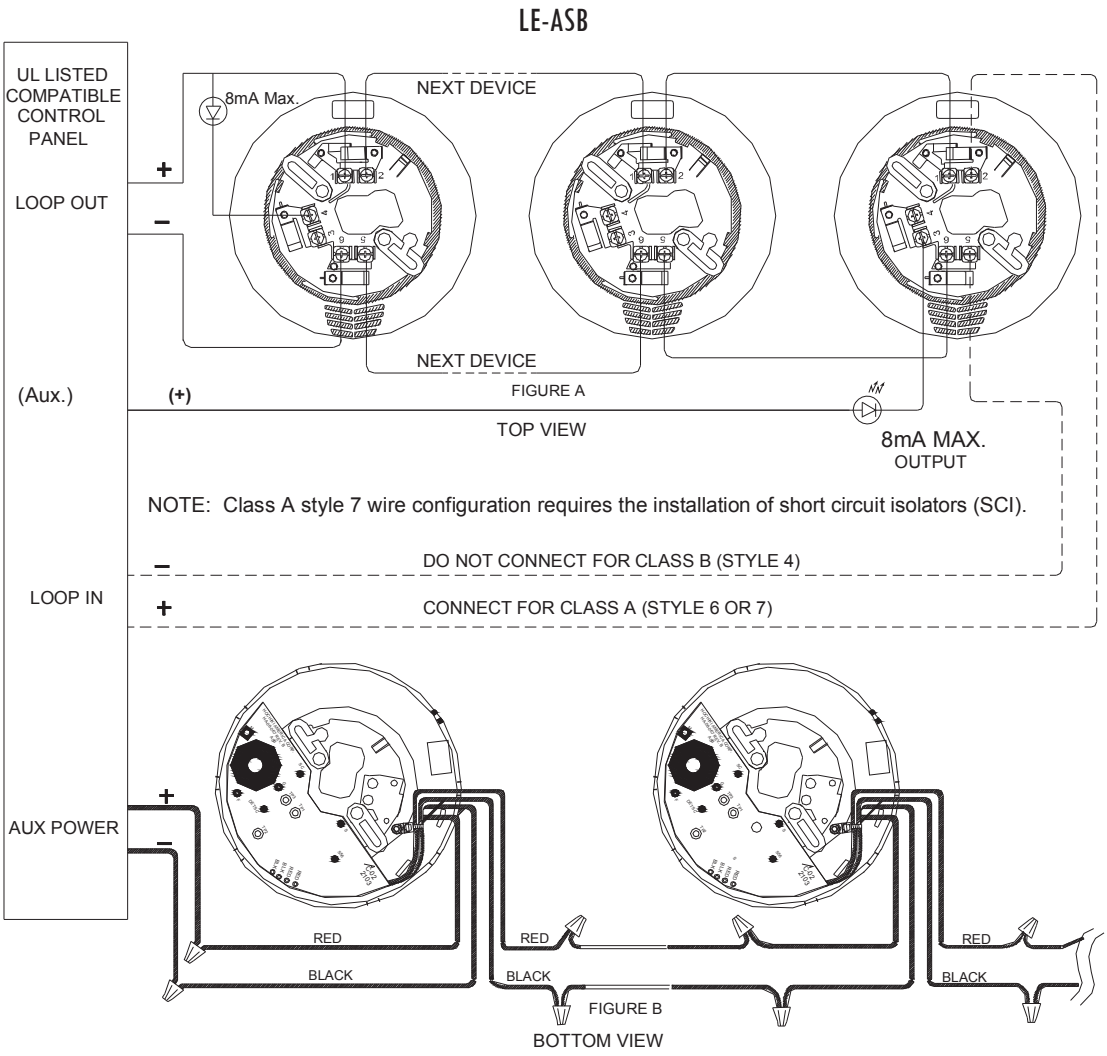
The LE-ASB Analog Sounder Base is designed for use with LIFECO analog sensors LE-ALN-V, LE-ALK-V, LE-ACC-V, LE-AIE-EA, and LE-ATJ-EA. Each addressable base is to be connected to a LIFECO Eagle DCP Signaling Line Circuit (SLC). The LE-ASB provides anaudible alarm in the immediate vicinity. Typical applications are hotels, apartments, and hospitals.

The LE-ASB has a highly configurable programming algorithm that allows the user to set up groups of bases for synchronization of modulation tones. Each device has 16 states that are programmed with the desired output pattern to be used (e.g., “Temporal” or “March”) for each state.

Technical & Environmental Specification

Operating voltage	17-41 VDC
SLC current consumption	110µA (typical), 110µA (alarm)
Auxiliary supply voltage	16-31 VDC
Auxiliary current consumption	550µA (typical), 18mA (alarm)
Sound pressure level at 10ft	85dB
Max quantity per loop	127
UL ambient installation temp. range	32°F (0°C) ~ 100°F (38°C)
Operating temperature range	32°F (0°C) ~ 122°F (50°C)
Dimensions	1.34”H x 5.94”D
Weight	0.455 lbs
Relative humidity	93% RH Non condensing
Compatible detectors	LE-ALN-V, LE-ALK-V, LE-ATJ-EA, LE-ACC-V

Wiring Details



NOTE: Fire alarm control panel compatibility is required for DCP products. State-of-the-art communications protocol, LE-DCP, allows system components (DCP sensors LE-ALK-V, and LE-ATJ-EA, bases and modules), to be used concurrently in a system's signaling line circuit.