

# 6" Analog Low Frequency Sounder Base

VF7005-00



## Standard Features

- UL268 and UL464 listed
- 520Hz low frequency alarm signal meets NFPA requirements for sleeping areas
- Base learns the sensor address and assumes an upper range address (128-254)
- Up to 127 sensors and 127 VF7005s can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- Programmable evacuation codes - Continuous, March, ANSI Temporal 3 and 4 patterns
- High sound pressure level (85dB SPL at 10 feet)
- Support for Temporal 4 when used with VF2014 CO detector

## Operation

The VF7005 base is designed specifically for use with the VES Analog sensors, models VF2001 Ionization Smoke Sensor, VF2002, VF2005, and VF2011 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor, and VF2008, VF2012, and VF2014 Multi-Criteria Sensors.

The VF7005 Low Frequency sounder base allows for complete compatibility for all of the VES Analog sensors.

Addressing is automatically provided by the attached Sensor. The device is configurable through Loop Explorer Programming Software.

## Application

The VF7005 Analog Sounder Base is designed for use with Elite analog style sensors models VF2001, VF2002, VF2005, VF2003, VF2008, VF2010, VF2011, VF2012, and VF2014. Each addressable base is to be connected to a VES DCP Signaling Line Circuit (SLC).

The VF7005 provides a Low Frequency audible alarm in the immediate vicinity. Typical applications are use in hotels, apartments, and hospitals.

The VF7005 has a highly configurable programming algorithm that allows the user to setup groups of bases for synchronization of modulation tones.



## Engineering Specifications

The Dealer shall furnish and install where indicated on the plans, models VF2001 Ionization Smoke Sensor, VF2002, VF2005, and VF2011 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor and VF20078, VF2012, and VF2014 Multi-Criteria Sensors.

The base shall permit direct interchange with the models VF2001 Ionization Smoke Sensor, VF2002, VF2005, and VF2011 Photoelectric Smoke Sensor, VF2003, and VF2010 Heat Sensor and VF2008, VF2012, and VF2014 Multi-Criteria Sensors.

## Technical Specifications

Operating Voltage	17-41 VDC
SLC Loop Idle Current	154 $\mu$ A
SLC Loop Max Alarm Current	154 $\mu$ A
Device Auxiliary Power Minimum Voltage	16-31 VDC
Auxiliary Idle Current	2.8 mA
Auxiliary Current Consumption (Alarm)	72 mA @ 33VDC 95 mA @ 24VDC 140 mA @ 16VDC
Auxiliary Current Consumption (Alarm) FWR	92 mA @ 33VFWR 149 mA @ 24VFWR 203 mA @ 16VFWR
Maximum Humidity	up to 93%, non-condensing
UL Ambient Installation Temperature Range	32° F to 100° F
Operating Temperature Range	32° F to 122° F
Sound Pressure Level	85 dB @ 10'
Color and Case Material	Bone PC / ABS Blend
Maximum Quantity Per Loop	127
Dimensions	6.6" (Diameter), 3.1" (Height)