

# 6" Low Frequency Sounder Base & Optional Trim Ring

VF7017-00 / VF7006-00



## Operation

The VF7017 base is designed specifically for use with the VES Analog sensors, models VF2001 Ionization Smoke Sensor, VF2002, VF2005, VF2011 and VF2015 Photoelectric Smoke Sensor, VF2003 and VF2010 Heat Sensor and VF2008, VF2012, and VF2014 Multi-Criteria Sensors. The VF7017 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 VF7017 Analog Sounder Base is designed for use with Elite analog style sensors models VF2001, VF2002, VF2005, VF2003, VF2008, VF2010, VF2011, VF2012, VF2014, and VF2015. Each addressable base is to be connected to a VES DCP Signaling Line Circuit (SLC).

The VF7017 provides a Low Frequency audible alarm in the immediate vicinity. Typical applications are use in hotels, apartments, and hospitals.

The VF7017 has a highly configurable programming algorithm that allows the user to setup groups of bases for synchronization of modulation tones.

## Standard Features

- UL Listed
- Updated design compatible with all existing analog sensors and new UL268 7th edition sensors
- 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 VF7017s can be used on each 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)
- Mounts to standard 4" square x 2.4" deep electrical box.

## Technical Specifications

Operating Voltage	17-41 VDC
SLC Loop Idle Current	250 $\mu$ A
SLC Loop Max Alarm Current	250 $\mu$ A
Device Auxiliary Power Voltage	16-33 VDC
Auxiliary Idle Current	2.3 mA
Auxiliary Current Consumption (Alarm)	72 mA @ 33VDC 95 mA @ 24VDC 140mA@ 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 & Case Material	Bone PC / ABS Blend
Maximum Quantity Per Loop	127
Dimensions	6.1" Diameter., 3.1" Height 1.4" Depth into box



## Optional Trim Ring - VF7006

For installations that extend beyond the mounting surface or do not have sufficient mounting box depth, an optional trim ring is available. Insert the VF7017 into the trim ring prior to mounting to the electrical box. 4-inch, 8-32 mounting screws recommended. (not included.)



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OPTIONAL TRIM RING  
VF7006

### Technical Specifications

Dimensions	6.2" outside diameter against sounder base 6.5" outside diameter against ceiling 5.6" inside diameter against sounder base 1.7" deep
Wall Thickness	0.07"
Color & Case Material	Bone PC / ABS Blend
Mounting Hole Diameter	N / A
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