

ASW2367

2000 Series Wall Mount Sounder/VAD, Multi-Tone, Deep Base, RED Flash

General

The ASW2367 is a RED bodied, deep base addressable wall mount room sounder/VAD for fire alarm systems running 2000 series fire protocol. Multiple tone selection and full CPR approval ensure conformance to local regulations. The VAD has a RED lens and a flash frequency of either 0.5 or 1 Hz (selectable on installation).

The 2000 series sounder/VADs operate over a 2-wire 2000 series loop and are loop powered i.e. no external power supply is required. The ASW2367 is compatible with automatic phased-start synchronisation controlled from the fire panel, and has a IP65 enclosure.

Installation

Device cabling is done to the base and allows the sounder to be fitted and locked into position afterwards. A separate earth terminal is provided in the base for connecting the screen or functional earth when required.

Efficient and versatile

These sounder/VADs can be put into different operating modes depending on local requirements. They provide high sound output at a low current, thus reducing power standby requirements and overall system cost. They are supplied with high/low volume settings as standard, allowing final audio adjustments to be made during installation. The sounder is tone selectable during installation. 32 tone settings are available.

The VAD flash rate can be set during installation to 1 Hz for normal applications or, for power conservation, to 0.5 Hz, reducing the power requirements of the unit.



Details

- Loop powered
- High sound output with low current consumption
- Multiple tone, output volume and varying flash frequency selection
- Suitable for multiple stage evacuation with up to 3 pre-set tones
- Automatic synchronisation for sounders and VADs
- IP65 rated
- CPR certified to EN54:3 and EN54:23

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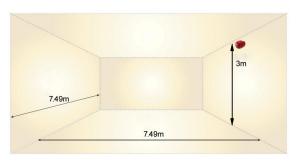
Technical specifications

Electrical Switch on surge <1.2 mA Operating voltage 17 to 32 VDC Current consumption 310 μA (Quiescent @ 24 VDC) 5.1 mA (Sounder ON @ 24 VDC) 20 mA @ 0.5 Hz / 40 mA @ 1 Hz (Beacon ON @ 24 VDC) Cable size 0.28 to 2.5 mm² Sounder Output level 97 ±3 dB(A) @ 1 m @ 90° (tone and voltage dependent) Output level adjustment 8 dB Frequency 400 to 2850 Hz (tone and voltage dependent) Selectable tones 32 Synchronization Automatic No. of stages 3 VAD Colour Red Rating W-3-7.49 Floor coverage 56 m² Flash frequency 0.5 or 1 Hz Synchronization Automatic Physical Physical dimensions 100 x 104 mm (Ø x H) Net weight 345 g Colour Red Mounting type Wall mount Mounting hosition Base Mounting height Up to 3 m Mounting base Deep Material High impact polycarbonate Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Storage temperature -10 to +55°C Regulatory Compliancy CE, REACH, RoHS 2, WEEE Certification EN54-23, EN54-3	General		
Switch on surge	Compatibility	Aritech 2000 Series systems	
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VAD Colour Red Rating W-3-7.49 Floor coverage 56 m² Flash frequency 0.5 or 1 Hz Synchronization Automatic Physical Physical dimensions 100 x 104 mm (Ø x H) Net weight 345 g Colour Red Mounting type Wall mount Mounting position Base Mounting height Up to 3 m Mounting base Deep Material High impact polycarbonate Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, ROHS 2, WEEE	Synchronization	Automatic	
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Mounting type Wall mount Mounting position Base Mounting height Up to 3 m Mounting base Deep Material High impact polycarbonate Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Net weight	345 g	
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Mounting height Up to 3 m Mounting base Deep Material High impact polycarbonate Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Mounting type	Wall mount	
Mounting base Deep Material High impact polycarbonate Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Mounting position	Base	
Material High impact polycarbonate Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Mounting height	Up to 3 m	
Environmental Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Mounting base	Deep	
Vandal proof No Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Material	High impact polycarbonate	
Operating temperature -10 to +55°C Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Environmental		
Storage temperature -10 to +55°C Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Vandal proof	No	
Relative humidity 5 to 95% noncondensing Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Operating temperature	-10 to +55°C	
Environment Outdoor IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Storage temperature	-10 to +55°C	
IP rating IP65 Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Relative humidity	5 to 95% noncondensing	
Regulatory Compliancy CE, REACH, RoHS 2, WEEE	Environment	Outdoor	
Compliancy CE, REACH, RoHS 2, WEEE	IP rating	IP65	
	Regulatory		
Certification EN54-23, EN54-3	Compliancy	CE, REACH, RoHS 2, WEEE	
	Certification	EN54-23, EN54-3	

Compatible products

Category	Reference	Description
Notification	ASW2366	2000 Series Wall Mount Sounder/VAD,
device		Multi-Tone, Shallow Base, RED Flash
Notification	ASW2367W	2000 Series Wall Mount Sounder/VAD,
device		Multi-Tone, Deep Base, RED Flash

EN54-23 Coverage: W-3-7.49





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