Sensaphone 1400 & 1800

Technical Specifications

**INPUT ZONES**

Number of Zones: 1400 - 4, 1800 - 8  
Zone Connector: terminal block  
Zone Types: N.O./N.C. contact,  
2.8K Thermistor (-109° to 115°F, -85° to 57°C),  
10K Thermistor (-87° to 168°F, -66° to 76°C),  
4-20mA (-10,000.0 to 10,000.0)  
Zone Characteristics: 10KΩ to 5V (temperature/contact) or 237 Ohms to ground (4-20mA)  
A/D Converter Resolution: 10 bits ±2 LSB

**RELAY OUTPUT**

Rated for 2A 120VAC/ 2A 24VDC Maximum. Programmable for manual or automatic switching

**LED INDICATORS**

Zone Alarms (4 or 8), Sound, Power, Battery OK, Phone in Use, Output On, System On

**MICROPHONE**

Internal: for recording custom voice messages  
External (optional): For listening in to on-site sounds and high sound level alarms  
  - Mic Connector: terminal block

**POWER SUPPLY**

Power Supply: 120VAC 50/60Hz / 15V (1800)  
12V (1400) wall plug-in transformer w/6’ cord  
Power Consumption: 5 Watts  
Power Protection: Metal Oxide Varistor  
1800 Battery Backup: 12V 2.2 AH sealed gel cell, provides up to 12 hours of battery backup.  
1400 Battery Backup: 6V 1.3 AH sealed gel cell, provides up to 24 hours of battery backup.

**PHONE INTERFACE**

Line RJ11 Terminal: For connection to a two-wire analog telephone line.  
Extension RJ11 Terminal w/ Line Seizure: For connecting other devices on the same telephone line, devices connected to this jack are disconnected in the event that the 400 must dial out for an alarm.  
Phone Line Protection: Metal Oxide Varistor & self-resetting fuse

**ENVIRONMENTAL**

Operating Temperature:  
32° to 122°F | 0° to 50°C  
Operating Humidity:  
0–90% RH non-condensing  
Storage Temperature:  
32° to 140°F | 0° to 60°C

**PHYSICAL**

1400 Dimensions:  
12.1 x 7.3 x 4.5” | 307 x 185 x 114mm  
1400 Weight: 5 lbs. | 2.2kg  
1800 Dimensions:  
12.1”h x 8.0”w x 5.50” | 307 x 203 x 140mm  
1800 Weight: 8 lbs. | 3.6kg  
Enclosure: NEMA-4 rated plastic housing

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