

9.2: ANCILLARIES

Ambient Noise Microphone

GENT
by Honeywell



Ambient Noise Microphone

| TECHNICAL SPECIFICATION | |
|-----------------------------------|--------------------------|
| Supply voltage range | 21 – 40V DC |
| Current consumption | 35mA @ 24 V DC supply |
| Ambient noise measurement range | 65 – 95dBA |
| Dimensions (W x D x H mm) | 85 x 45 x 145 |
| Weight | 500g |
| Operating and storage temperature | –5°C to +50°C |
| Humidity range | 0% to 93% Non-condensing |

The Ambient Noise Sensor (ANS) is for the Voice Alarm Router (VAR) series of routers. Each VAR Router is able to support the connection of multiple Ambient Noise Sensor units, each of which interfaces to an analogue input of the I/O Interface. The interface is a simple 3-wire connection between the I/O Interface and each Ambient Noise Sensor.

The Ambient Noise Sensor detects ambient noise using its built-in microphone. The detected signal has a speech-band response; this is then converted into a current with a logarithmic relationship to the true RMS value of the noise measurement.

The VAR Router can control the volume of one or more zones from each ANS, and each zone can be controlled by one or more ANS sensors.

The Ambient Noise Sensor is housed in a standard metal 2-gang wall box, with the electronics and microphone being mounted on the front plate.

ORDER CODE

PAVA ambient noise Microphone VA-1382