

9.2: VIGILON VOICE ALARM SYSTEM

Distributed Amplifier Unit

GENT

by Honeywell



The Vigilon Voice Distributed Amplifier Unit (DAU) is a self-contained, wall mounted voice alarm system. The unit contains all audio processing, amplification and battery back up elements needed to provide a fully BS 5839 Part 8 compliant system.

The DAU comprises:

- Zonal Power Amplification
- Surveillance
- Routing
- Power Supply and Battery Charger
- Control Interfaces
- Fault Display
- User Interface
- Network Interface
- Vigilon Loop Interface

TECHNICAL SPECIFICATION		
	200W DAU	400W DAU
Audio Amplification	4 x 50W amplifiers which may be paralleled to achieve 2 x 100W	4 x 100W amplifiers which may be paralleled to achieve 2 x 200W
Emergency microphone interfaces	2 sets of monitored PTT and Speak Now interfaces to support emergency microphone operation on inputs 1 and 2 are provided	
Serial Communications	1 x RS232 and 1 x RS485	
Messages	2 x 66s and 2 x 50s messages	
Approx Weight (Inc batteries)	51Kg	70Kg
Operating Temperature	-5°C to 50°C	
Batteries	24 Ah valve regulated SLA	38 Ah valve regulated SLA
Battery Standby	24h +0.5h alarm	
Supply Voltage	230V +10, -6% rms 50Hz AC	
Power Consumption	600VA	800VA
Dimensions (H x W x D mm)	700 x 510 x 156	790 x 580 x 204
Relevant Standard	BS 5839 Part 8	

Audio Inputs

- General purpose inputs – four inputs are provided. The first two inputs may be used as Fire Microphone inputs. The general-purpose inputs feature a serial interface for connection of Zoned Paging and Fire microphones.
- Two background music inputs are provided.
- Digital Messages – Two 66 second emergency messages and two 50 second Auxiliary Messages are provided.
- Audio Monitor Input – A connection is provided for an audio monitor bus from the amplifier system. This allows for audio monitoring of selected amplifier outputs under the control of the front panel.

ORDER CODES

200W DAU	VA-1321
400W DAU	VA-1322