

GENT

by Honeywell

8.1: VIGILON VOICE ALARM SYSTEM

Master Audio Control Unit

The Master ACU takes the form of a wall-mounted box fulfilling the primary function of a Voice Alarm Control Panel.

The ACU features a keypad and LCD display for configuration and fault reporting, and can be supplied either blank, with no further control functions, or with an integral emergency microphone and a number of configurable front panel buttons for zone selection, and 8 push button selectors for DVA broadcasts.

The ACU is able to interface with the Vigilon fire alarm system to facilitate centralised control. It is possible to connect a PC via an RS232 interface for programming of the ACU itself, or any of the attached satellite DAU's.

The ACU will automatically display the status of all connected DAU's by means of the standard Fault LED/ Sounder arrangement and with a cycling display on a local (2x40) LCD.

If the blank version of the Master ACU is supplied, in order to provide the same functionality, an additional Desk Console or wall mounted Emergency microphone can be provided in place of the on-board Keypad.

ORDER CODES

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| ACU with 20 way keyboard and network | VA-1312 |
| ACU Slave with 20 way keyboard | VA-1313 |
| 20 Way Desk Console and Emergency Microphone | VA-1315 |

For further options on ACU configurations consult your price list



Master Audio Control Unit

| TECHNICAL SPECIFICATION | |
|-------------------------------|--|
| Capacity | 30 DAUs |
| Messages | 2 66 second and 2 50 second digital messages |
| Approx Weight (Inc batteries) | 35Kg |
| Operating Temperature | -5°C to 50°C |
| Relevant Standard | BS 5839-8 |
| Batteries | 18 Ah Valve Regulated SLA |
| Battery Standby | 24h + 0.5h alarm |
| Supply Voltage | 230V +10%, -6% rms 50Hz AC |
| Power Consumption | 2A at 230V ac 600VA |
| Dimension (mm) | 700h x 510w x 156d |

Microphone Inputs and Control panels

The ACU allows up to 4 microphone consoles to be supported with configurable buttons for paging or DVA messages. The microphone consoles buttons may be implemented in a number of ways:

- 1 Modular Microphone panels on the front panel of the ACU.
- 2 Custom Mic Boards to enable customer specific fire Microphone panels to be constructed.
- 3 Standard DMS Microphones for simple paging functions.

Additional Audio inputs

In addition to the four microphone-capable audio inputs, an additional 4 balanced audio inputs are provided. These may be used for background music and similar input sources.

The ACU supports 2 x 66 second emergency messages and 2 x 50 second auxiliary messages.

Audio Outputs

The ACU provides 4 analogue outputs that feed busses on the analogue network. Three channels will be used for the network audio, #1 Emergency Microphone; #2 Evacuate Message; #3 Alert Message.