

**GENT**  
by Honeywell

## 9.2: VIGILON VOICE ALARM SYSTEM

# Master Audio Control Unit

Interfacing the Audio Control Unit (ACU) with the Vigilon fire alarm system facilitates centralised control. It 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 Digital Voice Announcement (DVA) broadcasts.

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.



Master Audio Control Unit

TECHNICAL SPECIFICATION	
Capacity	30 DAUs / 120 Zones
Messages	2 x 66 second and 2 x 50 second digital messages
Approx Weight (Inc batteries)	35Kg
Operating Temperature	-5°C to 50°C
Batteries	18 Ah Valve Regulated SLA 2 x 12V 18Ah
Battery Standby	24hrs + 1/2 hr alarm
Supply Voltage	230V +10%, -6% rms 50Hz AC
Power Consumption	2A at 230V ac 600VA
Dimension (H x W x D mm)	700 x 510 x 156
Relevant Standard	BS 5839 Part 8

### 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.

#### ORDER CODES

ACU Master blank	VA-1311
ACU Master with 20 way keyboard and network c/w microphone	VA-1312
ACU Master c/w all-call button and microphone	VA-1314
ACU Master c/w all-call button and microphone 40 zone	VA-1316
ACU Master c/w all-call button and microphone 60 zone	VA-1317

*For further options on ACU configurations consult your price list*