



## Emergency Voice Communication Master Control Panels



OmniCare is an addressable voice communication system that allows disabled refuge, fire telephones, emergency/steward telephones and disabled toilet alarms to be connected to one master control panel. VIGIL OmniCare has been designed and built to meet BS9999:2008, BS5839-9:2011 and BS8300:2009 (for the disabled toilet alarm). Master control panels available for the system include:

**BVOC4M**

**BVOC64**

**BVOC8M**

**BVOC80**

**BVOC16M**

**BVOC96**

**BVOC32M**

**BVOC128**

**BVOC48**

### General Information

- Full system monitoring.
- Battery backed for use in the event of power failure.
- Addressable via the remote unit.  
Link to fire detection system prevents hoax disabled refuge calls (toilet alarms and fire telephones remain active). Can be completely or partly overridden.
- Multiple master/slave panels can be linked in one system.
- Surface mountable - optional flush mounting with bezel.
- Lockable glazed door.  
Speech steered (disabled refuge remotes) and full duplex speech (fire telephones and emergency telephones).
- Fully monitored and battery backed (separate box to house batteries supplied with panels larger than 32-way).
- Output for unanswered call indicator; with adjustable delay. (Remote lamp/buzzer available - code BVOCCA.)
- Volt free contact - operated when in fault, set during installation.
- Indicators for: in use/occupied, call, fault, power, charger and speech volume.
- Handset volume control.
- 'Listening' facility.
- Optional stainless steel finish.

### Disabled Refuge Break Glass Unit:

- Disabled refuge units have the option to be triggered by the fire alarm panel, so that the units become active during an emergency. (Fire telephones, emergency telephones and toilet alarms are constantly active).
- This prevents accidental or deliberate misuse as the remote units remain dormant until activated.
- In order to activate the system for non-emergency use it is necessary to override the fire panel. This is achieved by connecting a 'break glass' unit (BVCRBG) to the master control panel.
- Enables weekly testing and routine maintenance - as set out in BS5839-9:2011.

### Remote Lamp & Buzzer (BVOCCA):

- For areas where master console is not manned permanently.
  - Indicates a call to master control panel.
  - Single gang unit with red LED, sounder and buzzer mute.
  - Stainless steel finish.
  - Settings to allow call delay of up to one second (carried out at master console).
- Two core cable (non fire rated) to master console required.

## Omnicare Master Control Panel Specification:

	4 to 32-way	48 to 64-way	80 to 128-way
Power supply	230V AC		
Power consumption (VA)	10VA + 1VA per remote handset fitted		
Humidity range	95% non-condensing		
Temperature range	-10°C to +30°C		
Indicators	In use, call, fault, power, charger and speech volume		
Remote signalling of fault	Volt-free contact, closing/opening (set on commissioning)		
Dimensions mm W x H x D	410 x 290 x 200	410 x 455 x 200	410 x 777 x 200
Bezel dimensions mm W x H (radius)	461 x 340 (25)	461 x 506 (25)	461 x 827 (25)
Bezel cut out mm	420 x 300	420 x 465	420 x 787
Knockouts/cable entry points	20mm diameter top & rear		
Mounting position	Vertical centre of controls should be at a height of 1.4-1.5m (BS5839-9)		

### System Requirements:

- Fire rated enhanced four core, colour coded, cable with a screen must be used for fire fighting systems.
- Standard fire resisting cables could be considered suitable for:
- EVC systems for use in disabled refuges but not for fire-fighting in (a) sprinklered buildings; (b) unsprinklered buildings less than 30m in height, provided that evacuation takes place in three or fewer phases.
- Underground sections of cabling at sports and similar venues.
- Up to 200m cable run between remote units and master control panel as standard.
- A repeater unit (BVFREPEM) must be used if distance between remotes exceeds 200m.
- Disabled refuge, advance disabled refuge, fire telephone, emergency/steward telephone, combined DRS/fire telephone and toilet alarm units can be placed on the same loop.
- A ring circuit configuration must be used to wire the remote units. Typically 20-30 remotes per loop.
- Repeater units (BVFREPEM) are used to connect the toilet alarms to the system.

### Permanent, Self-Adhesive Vinyl Labels:



BVOCLAB2

A BVOCLAB2 is supplied with each OmniCare master panel.



BVOCLAB1



BVOCLAB3

## Get in Touch...

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