Control Panel 16-way



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).

Omnicare

PANEL FEATURES:

- Stainless steel finish (also available in grey BVOC16M).
- Surface mounting unit (can be flush mounted using a bezel - product code BVCRFB2S).
- Lockable glazed door.
- Handset volume control and 'listening' facility.
- Output for unanswered call indicator; with adjustable delay. (Remote lamp/buzzer available - code BVOCCA.)
- Indicators for: in use/occupied, call, fault, power, charger and speech volume.
- Volt free contact - operated when in fault, set during installation.
- Backup batteries (included) are housed in the panel.

OMNICARE SYSTEM FEATURES:

- Multiple master/slave panels can be linked in one system.
- Full system monitoring.
- Choice of outstations, including disabled toilet alarms (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.
- Speech steered (disabled refuge remotes) and full duplex speech (fire telephones and emergency telephones).
- Battery backed for use in the event of mains power failure (24 hours in standby plus three hours use, as standard. These times can be increased if required. Please contact our Sales Department for advice).
- Wired in a loop configuration. (Please refer to our separate cabling information leaflet.)

BVOC16MS: OMNICARE 16-way MASTER CONTROL PANEL SPECIFICATION:

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
Bezel dimensions mm W x H (radius)	461 x 340 (25)
Bezel cut out mm	420 x 300
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)
Batteries supplied as standard	1 x pair BY24 (24 Amp/Hr)
Weight	9.16 kg
Finish	Stainless steel grade 304

SYSTEM REQUIREMENTS:

- Fire rated enhanced four core, colour coded, cable with a screen must be used for fire fighting systems. (Refer to BS5839-9 for possible exceptions.)
- Up to 200m cable run between remote units and master control panel as standard.
- A repeater unit (BVOCRIF) 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 (BVOCRIF) are used to connect the toilet alarms to the system.

BALDWIN BOXALL

LEADING THE WAY TO SAFETY

Baldwin Boxall Communications Ltd
Wealden Industrial Estate, Farningham Road,
Crowborough, East Sussex, TN6 2JR, United Kingdom

T: +44 (0) 1892 664422
E: hello@baldwinboxall.co.uk
W: www.baldwinboxall.co.uk

WE RESERVE THE RIGHT TO CHANGE THE TECHNICAL SPECIFICATION WITHOUT PRIOR NOTICE. DOC NO: 1.0010n.04.21