

Control Panels

Compliant to BS5839-9:2021 & BS8300-2:2018



OmniCare

BENEFITS & FEATURES:

- Full system monitoring.
- Addressable via the outstation.
- Link to fire detection system prevents hoax disabled refuge calls (emergency assistance call points and fire telephones remain active). Can be completely or partly overridden.
- One master and multiple slave panels possible on a single system (panels are configured on installation).
- Speech steered (disabled refuge) and full duplex speech (fire telephones and emergency telephones).
- The system is 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). (Separate battery enclosures are supplied with panels where necessary and for panels 16-way and above).
- 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.
- Lockable glazed door.
- Surface mountable - optional flush mounting with bezel.
- Grey or stainless steel finish options.
- Choice of outstations, including emergency assistance call/disabled toilet alarms.
- Remote units are connected to the master control panel in a loop configuration.

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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.

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 90 seconds (carried out at master console).
- Two core cable (non fire rated) to master console required.

Specifications:

Product code - BVOC	4M/S	8M/S	16M/S	32M/S	48/S	64/S	80/S	96/S	112/S	128/S
Capacity (number of 'ways')	4	8	16	32	48	64	80	96	112	127
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 W x H	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).									
Weight kg (excluding batteries)	9.16		14.5		14.6		15.5	16	21.85	
Finish	RAL 7038 / Stainless Steel grade 304									

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 some systems - refer to BS5839-9:2021 for details.
- A repeater unit (BVOCRIF) must be used if the 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.
- Typically 20-30 remotes per loop.
- Repeater units (BVOCRIF) are used to connect the toilet alarms (DTAKIT) to the system. Up to two (3-part)

DTAKITs can be connected to a BVOCRIF. (Alternatively one DTAKIT with an additional pull cord can be installed. Useful for rooms with two points of call, e.g. a toilet cubicle or shower area.)

- No local power required for any outstation, including disabled toilet alarms.
- The capacitance of MICC cable varies between manufacturers, if the specification is for MICC cable and if the runs are greater than 100 metres, you may wish to contact our technical team to ensure it is within tolerance:
 - MICC lightweight 4-core with screen: 100m
 - MICC heavyweight 4-core with screen: 200m
 - Enhanced colour coded 4-core with screen: 200m (recommended by Baldwin Boxall).



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