



Control Panel 80-way

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

OmniCare is an addressable EVC (Emergency Voice Communication) system that enables disabled refuge, fire telephones, emergency/steward telephones and emergency assistance alarms to be connected in a single system.

[Click for more, including links to 'How to' Videos & Guides and related products.](#)

OmniCare

PANEL FEATURES:

- Stainless steel finish (BVOC80S). Also available in grey (BVOC80).
- Surface mounting unit (can be flush mounted using a bezel - product code BVCRFB3S).
- 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.
- Battery backup - please contact our sales team.

OMNICARE SYSTEM FEATURES:

- Multiple master/slave panels can be linked in one system.
- Full system monitoring.
- Choice of outstations, including emergency assistance alarms (addressable via the remote unit).
- Link to fire detection system prevents hoax disabled refuge calls (emergency assistance 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.)

GENERAL SYSTEM INFORMATION:

- There are two main components - the master control panel(s) and the remote units.
- Remote units are wired in a ring circuit configuration and are 'self-learning', with an auto-commissioning feature.
- The ring circuit technology enables continued operation in the event of a cable break.
- Any combination of remote units can be linked to the control panel on a single wiring loop.
- The master control panel is typically wall mounted in a central control room.
- Remote units are wall mounted in locations such as refuge areas, stairwells, fallback positions, corridors and other 'gathering' points, at a height easily reached by users.
- More than one master panel can be placed on the ring circuit, thus allowing control of local areas.

Maintenance Service Contracts Available:

Complimentary Maintenance Log Book Available:

EVC System Maintenance Log Book

BVOC80S: OMNICARE 80-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 777 x 200
Bezel dimensions mm W x H (radius)	461 x 827 (25)
Bezel cut out mm W x H	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)
Battery box dimensions mm W x H x D (BVOBATT2)	410 x 600 x 200
Batteries supplied as standard	1 x pair BY90 (90 Amp/Hr)
Weight	15.5 kg
Finish	Stainless steel grade 304

SYSTEM REQUIREMENTS:

- 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 emergency assistance alarm units can be placed on the same loop.
- Typically 20-30 remotes per loop.
- Repeater units (BVOCRIF) are used to connect the emergency assistance 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 emergency assistance alarms.

Download Cabling Information



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