MAG2-MFS-17-ZZ-RD-X-68-0003-Disabled Refuge Data Sheets

Control Panel 8-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:

- Grey finish (BVOC08M). Also available in stainless steel (BVOC08MS).
- Surface mounting unit (can be flush mounted using a bezel - product code BVCRFB2). Rack mounting kit available (BVCRM3).
- 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 are housed in a separate battery box.

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:

Price on Application

Complimentary Maintenance Log Book Available:

EVC System Maintenance Log Book

EMERGENCY VOICE COMMUNICATION CONTROL

BALDWIN BOXALL
LEADING THE WAY TO SAFETY

BVOC8M: OMNICARE 8-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 BY18 (18 Amp/Hr)
Weight	9.16 kg
Finish	RAL 7038

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

7 YEAR WARRANTY

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: 1.0010b.05.22

Disabled Refuge Green Remote

Compliant to BS5839-9:2021



The OmniCare system offers a choice of outstation units which can be wired on the same loop from the control panel.

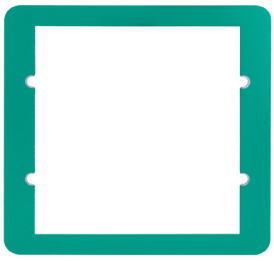
The BVOCECPG standard green disabled refuge remote unit is one of the options available on this versatile system

Click for more, including links to 'How to' Videos & Guides and related products.

OmniCare

BENEFITS & FEATURES:

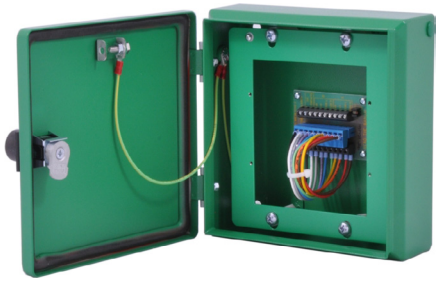
- Provides two-way, hands free, speech steered communication.
- Self-powered from ring circuit, no local power source is required. Automatic battery backup is provided by the control panel in the event of a mains power failure.
- Green finish (also available in stainless steel BVOCECPG).
- Addressable unit.
- Volt free contact, active when occupied. To operate over-door lamps, silence speaker/sounder, etc.
- Stainless steel 'press to call' button.
- Option to be permanently 'active' if required.
- Reset from either remote unit using the key switch or via the master control panel.
- All outstations are in a loop circuit from control panel(s).
- A link to the fire detection system prevents hoax disabled refuge calls. This feature can be completely, or partly, overriden.
- Surface mounting unit (can be flush mounted using a bezel).



BVCRMGRN



BVCRFBG



BVCRIPBG

Product Codes:

- BVOCECPG - green refuge remote (standard).
- BVCRMGRN - flush mounting bezel.
- BVCRIPBG - IP65 rated enclosure.
- BVCRFBG - plasterboard backbox

Maintenance Service Contracts Available:

Price on Application

Complimentary Maintenance Log Book Available:

EVC System Maintenance Log Book

EMERGENCY VOICE COMMUNICATION

DISABLED REFUGE

BALDWIN BOXALL
LEADING THE WAY TO SAFETY

Specifications:

Disabled refuge (DRS)	
Product code	BVOCECPG
Power supply	12-40V DC self powered from ring circuit
Power consumption	30mA @ 35V typical
Weight	1kg
Humidity range	95% non-condensing
Temperature range	-10°C to +40°C
Indicators	System healthy, status
Finish	RAL 6024
Dimensions mm WxHxD	134x134x56
Bezel dimensions mm WxH (radius)	154x154x(10)
Bezel cut out mm WxH	136x136
Knockouts/cable entry points	7 (20mm & 26mm)
Mounting position	Refuge remotes should be placed at a height of 900mm to 1.2m
Weight	1.06 kg
IP65 rated enclosure (available separately)	
Dimensions mm WxHxD	200 x 200 x 80
Plasterboard back box (available separately)	
Dimensions mm WxHxD	131 x 142 x 65
Cutout dimensions mm WxHxD	132 x 143

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

7 YEAR WARRANTY

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: 1.001la.05.22